



**Asia-Pacific
Economic Cooperation**

Advancing Free Trade for Asia-Pacific Prosperity

APEC Economic Policy Report 2020

Structural Reform and Women's Empowerment





**Asia-Pacific
Economic Cooperation**

**2020 APEC ECONOMIC POLICY
REPORT**

**Structural Reform and Women's
Empowerment**

Economic Committee

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NOTE:

The terms “national”, “nation” used in the text are for purposes of this report and do not imply the “political status” of any APEC member economy.

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PREFACE

Full and equal participation of women in the labour force has wide-ranging social and economic benefits. The cost of women's lost economic potential is high and hence collective commitment and actions are needed to address structural barriers and policy gaps affecting women's participation in the economy.

While there have been notable improvements in women's economic participation and inclusion in APEC economies, women still face more barriers than men in their pursuit of economic opportunities and security. Across all APEC economies, women's labour force participation in the APEC region has been declining in recent years. Less than half of APEC economies have instituted laws on equal pay for men and women doing equal work or work of equal value, as well as laws prohibiting discrimination to access to credit based on gender. Similarly, many women face adverse conditions for career advancement. For example, regulations in many APEC economies do not provide for guarantees for an equivalent position to women upon return from maternity leave.

The 2020 APEC Economic Policy Report (AEPR) provides an opportunity for APEC member economies to collaborate and build meaningful policy recommendations that further our efforts to realise women's full economic potential and comprehensive integration into the region's economy. The 2020 AEPR on Structural Reform and Women's Empowerment aims to build capability in APEC economies to identify and implement structural reforms and supporting policies that empower women to engage fully and equally in economic activities, thereby contributing to inclusive growth and sustainable development.

Australia and New Zealand have generously provided the funding for this year's report. I would particularly like to express my gratitude to Australia and Canada for co-leading the core team, and to the other core team members: Indonesia; Japan; Malaysia; Mexico; New Zealand; Russia; Chinese Taipei; the United States; and Viet Nam. I also thank the APEC Secretariat for its valuable advice and the APEC Policy Support Unit, which did an excellent job of managing the overall production of the report. The report was written by Rhea Crisologo Hernando and Carlos Kuriyama from the APEC Policy Support Unit and Made Suardhini, Widdi Mugijayani, Ida Ayu Erica Pramesty Utami, Nur Afni Panjaitan and Risa Bhinekawati from the consulting firm Presisi Indonesia. Estiana Cahyawati, Erizqa Mahardhika, Putu Gede Bhismananda, Nabilla Salma, Hertini Sangaprila, Indah Putri Andin and Kinanti Zukhrufijannah Patria provided excellent research assistance. This report has also benefited from the peer-review and technical inputs of the members of the APEC Economic Committee (EC) and the Policy Partnership on Women and the Economy (PPWE), as well as the Organization for Economic Co-operation and Development (OECD).

I sincerely hope the information and recommendations in the 2020 AEPR will help to assist APEC economies to implement measures to tackle the challenges affecting women's economic participation in the region.

James Ding

Chair

APEC Economic Committee

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EXECUTIVE SUMMARY

This policy report delves into the structural reforms that APEC economies have implemented and enforced in the last 20 years to enable the full participation and inclusion of women in economies and societies. It identifies measures undertaken in five areas that are critical to support women's economic empowerment: (1) access to education, training and skills; (2) access to credit and financial services; (3) maternity leave, return to work and access to childcare support; (4) employment restrictions and practices; and (5) freedom from violence and freedom of movement.

In general, the female labour force participation (FLFP) rate in the APEC region has been on a slight declining trend since the mid-2000s, in tandem with global trends. Nevertheless, in terms of employment levels, women have been able to narrow the gap with respect to men. In 1990, only 65 women were working as employees for every 100 male employees. Now, there are 78 female employees for every 100 male employees. Furthermore, while the proportion of female-to-male employers is still low at around 35 female employers for every 100 male employers, this is much higher than the levels in the early 1990s at around 23 female employers for every 100 male employers.¹ These numbers suggest that women have been able to access better work opportunities, while the chances to advance to managerial or leadership positions have improved.

The game changer over the course of women's lives is, and has always been, equal access to education and employment, affordable childcare services, support mechanisms to counter violence, and leadership positions.

The majority of APEC economies have introduced or amended laws and regulations to mandate non-discrimination in access to education, training and skills development, safeguard the rights of girls and women to inheritance and ownership of properties, ensure that women can secure a job in the same way as men, prohibit discrimination in hiring based on gender, and protect women from domestic violence and harassment, including in the workplace.

However, the road to women's economic empowerment –despite the good intentions- still face many challenges. Many laws and policies still need to be enacted, implemented and enforced in the APEC region, to increase women's participation in the fields of Science, Technology, Engineering, and Mathematics (STEM); widen women's access to labor and credit markets in a similar way to men; establish support mechanisms such as affordable childcare services and paid maternity, paternity and parental leaves and ensure equal pay for equal work or work of equal value to encourage women to enter and stay in the labor force; eliminate discriminatory policies and practices to facilitate women's representation in leadership roles in both public and private sectors; and respond to socio-cultural biases and mindsets that often lead to women shouldering a disproportionate share of unpaid care and household responsibilities.

The COVID-19 pandemic has added another layer of complexity, particularly in the pursuit of women's equal access to employment and protection from violence. The economic fallout from the COVID-19 pandemic has forced the shutdown of a significant number of micro, small and medium enterprises (MSMEs), where women are more likely to be represented. MSMEs have

¹ Based on data sourced from International Labor Organization (ILO) and the World Bank's World Development Indicators (WDI).

to deal with substantially lower demand translating into cash flow shortages and continued rental and utilities expenses amid tighter credit conditions. Women are also more likely to work in affected sectors such as travel and tourism, retail, and accommodation and food services that require face-to-face interactions where telecommuting is not an option. In addition, women are likely to outnumber men in the informal economy, where health and unemployment insurance are non-existent, making them more vulnerable to business closures.

Exacerbating the risks to women's employment is the greater share of domestic responsibilities that women often shoulder. The imposition of lockdown measures covering schools and offices could mean that employed women will also perform childcare and household tasks while working from home, affecting their productivity, while some may be forced to give up paid work altogether.

The pandemic has also given rise to another effect: lockdowns have contributed to an increase in the number of cases of violence against women, which may be caused by heightened stress from confinement combined with financial strains from job and income losses. The sizeable reduction in manpower and other resources amid the spread of COVID-19 has adversely affected the provision of support services and temporary shelter to women victims, which can result in victims being confined with their abusers.

More than at any other time, the current economic downturn brought about by the pandemic should spur APEC economies into action, by re-examining policy priorities and enacting appropriate policy responses. These policy initiatives may address, for example, short-term unemployment and credit issues, while laying the groundwork towards the refinement and reform of existing laws and regulations and their enforcement to make them more relevant, inclusive, effective and growth-oriented.

Policy Recommendations

In terms of the structural reform process, **good policies stem from good data**. Good policies to improve women's access to education, employment, credit and leadership roles to advance women's empowerment, are informed by credible and updated sex-disaggregated data. Collecting and producing sex-disaggregated data requires appropriate systems to support and manage data collection; capacity building to include a gender perspective in surveys, data-gathering and analysis; closer communication and coordination between statistical and gender experts; and allocation of resources to support data collection, follow-ups, review and sustainability.

Furthermore, government commitment, in particular at the highest level of policy decision-making remains crucial. **Leadership shown through political will to advance women's economic empowerment** will facilitate the enactment of laws and regulations that help ensure access and opportunities for women across economic sectors. Likewise, leadership could enable the articulation of a "whole-of-government" approach to implement effective policies to improve women's economic empowerment. These policies usually require the participation of several government agencies for effective implementation and enforcement.

Strengthening public and private partnerships, including with community-based organizations, women's rights groups, and non-governmental and international organisations, is also important in the structural reform process. They play an important role in the design and

implementation of initiatives with the intention of opening up more opportunities for women and helping them to achieve their full potential.

Besides the recommendations on the structural reform process, this report has brought to the fore general recommendations for APEC economies to consider over the medium to long term, keeping in mind that the prioritisation of policies depends on economic conditions and other economy-specific factors; and specific recommendations that have arisen due to the adverse impact of the COVID-19 pandemic, including on women's employment, income security, and protection from domestic violence, which are urgent and actionable in the near term in many economies.

The general recommendations in this report also prioritize **enhancing women's participation in STEM fields, which has become more urgent in this technology-intensive, fourth industrial revolution era.** Policies could target the concerns of women's low participation in STEM programmes. More than two-thirds of women are currently employed in low and medium-skill jobs and these types of occupations are those that are most vulnerable to automation, as they involve tasks with repetitive features. It is also important to allocate dedicated resources for women in STEM fields in the form of research and scholarship grants, for example.

In terms of equal access to credit, there is a need to expand women's access to assets and credit, including financial products and services. It is important **to widen women's access to credit by prohibiting discriminatory policies, reforming discriminatory laws and regulations and addressing biases by** for example, eliminating the dual constraints of creditor discrimination based on gender and marital status. Access to credit provides women with income and security, affecting their decision and ability to engage in economic undertakings that could impact present and future socio-economic conditions, for themselves and their households.

APEC economies could also do more **to increase women's representation in political decision-making roles and managerial positions by adopting and implementing laws and good practices to support work–family balance and address discrimination and violence against women.** Women's representation in political decision-making is essential to facilitate the formulation, implementation and enforcement of policies aimed at ensuring equal rights and opportunities.

It is critical **to protect women's freedom from violence and harassment.** Although a majority of APEC economies have laws that protect women from domestic violence and harassment, there are associated concerns related to enforcement and reporting mechanisms that result in women remaining vulnerable at home, in public areas and at the workplace. In fact, enforcing laws that prohibit sexual harassment and domestic violence will support the use of women's full potential, facilitating their increased contribution to economic activities.

The report suggests **paying special attention to enforcement efforts, in addition to the implementation of laws and regulations.** Women are still behind men in terms of enjoying the same economic opportunities, in part because what it is reflected in the laws and regulations (*de jure*) is not necessarily the same as what it is happening in reality (*de facto*).

Equally important is **to ensure inclusiveness in terms of opportunities and access, mindful that women from vulnerable groups may face additional layers of discrimination.** There

are prevailing issues of significant gaps in employment rates affecting indigenous women, those living in rural and remote areas, culturally and linguistically diverse women, and women with disabilities. These factors aggravate issues on lack of opportunities and access available to women.

APEC could be a venue to help shape the agenda on women's issues in the region. Through its relevant sub-fora, APEC could be at the forefront of the discussions on issues aiming to improve women's economic empowerment and guide member economies towards the implementation of policies aimed at increasing women's participation in economic undertakings. APEC could enable the discussion of good practices and help economies to learn from successful experiences.

While the general recommendations contained in this report suggest policy interventions to advance women's economic empowerment and sustain efforts well into the medium and long-term, this report also tackles the current reality of a COVID-19 pandemic and its near-term impact on women. The pandemic has accentuated the gender divide in all socio-economic aspects that affect women's empowerment: employment opportunities, credit access, digital skills, share of unpaid work, and vulnerability to violence, among others.

Amid the ongoing COVID-19 pandemic, it is recommended that the government and private sector work together **to implement policies that support training for women to have the necessary digital skills to help them to cope with the new normal post-pandemic.** Related to this, programs and other mechanisms could be put in place to support women to complete skills training while balancing care and household responsibilities. Affordable childcare services could complement the provision of skills training as well as the implementation of flexible and remote working arrangements to maintain productivity and encourage women and men, and particularly those who are parents, to stay in the labour force.

Ensuring support for MSMEs is critical. MSMEs, many of them owned or led by women, are exposed to liquidity and solvency risks as the significant cutback in demand amid movement restrictions has adversely affected business operations. Immediate policy actions that ensure continued flow of credit to MSMEs, including liquidity injections, rental and utility subsidies, loan restructuring and deferment of payments, tax relief measures, and other loan and credit guarantees could help them to stay afloat, minimising the risk of an entire household going into poverty.

Assessments by the UN of an additional 15 million cases of domestic abuse for every three months of lockdown (UNFPA 2020) combined with reports of increased calls to crisis centres in some economies during the pandemic give additional urgency to the issue of domestic violence. **Policies on violence against women should be enforced, along with ensuring that resources remain available for victims.** Policy coordination between the central government and local governments should be strengthened to facilitate enforcement and monitoring of existing laws, allowing authorities to act in an immediate manner to protect women from violence.

Finally, it is relevant **to support the continuation of flexible and remote working arrangements adopted in some economies to ensure continued labour productivity during COVID-19 lockdowns and the implementation of social distancing measures.** As a result, flexible work arrangements have become more widely accepted and offer greater opportunities for women and men to balance work and responsibilities at home, or more easily re-enter the

workforce after childbirth. However, it is imperative that flexible work arrangements are coupled with access to affordable childcare services to help women who have to shoulder a disproportionate burden of care work to maintain productivity levels and stay in the labour force.

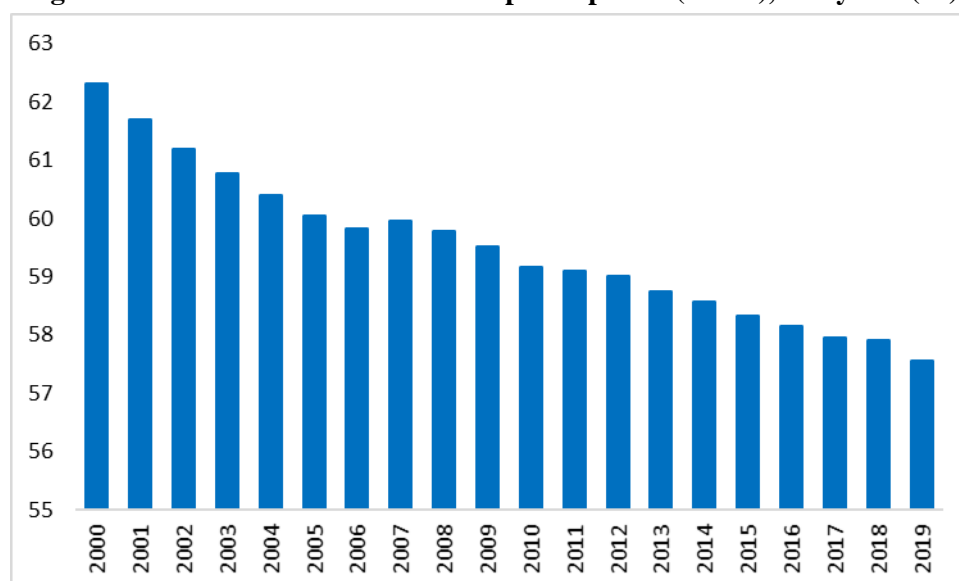
APEC economies have been at the forefront of designing policies that seek to encourage increased labour force participation of women and advance women's economic empowerment. There has been significant progress in the last two decades. Nevertheless, inadequate laws, regulations and policies, gaps in implementation, as well as weaknesses in enforcement and monitoring, need to be addressed for women to actively and fully participate in the economy. Cultural biases need to be confronted by raising awareness on gender equality and promoting diversity and women's empowerment across all economic sectors. The inclusion of women in economic, financial, social and political activities will not only empower them, but will also power economies toward growth that benefits all.

PART 1: INTRODUCTION AND OVERVIEW OF STRUCTURAL REFORM AND WOMEN'S ECONOMIC PARTICIPATION IN THE APEC REGION

A. TRENDS IN WOMEN'S ECONOMIC PARTICIPATION

The APEC region has seen a general downward trend in female labour force participation (FLFP) over the last two decades, from 62.3 percent in 2000 to 57.6 percent in 2019 (Figure 1.1). The decline in the proportion of economically active women could be attributed to a range of factors spanning the lifecycle of women, with access a key theme across those factors. The factors could include access to education, and access to assets and family income. Other factors, such as gender-related discriminatory practices affecting employment opportunities and career advancement, access to credit, ability to start a business or enter a contract, as well as availability of affordable childcare and eldercare services, could make a difference as well.

Figure 1.1. APEC female labour force participation (FLFP), 15+ years (%)



Note: Weighted by population.

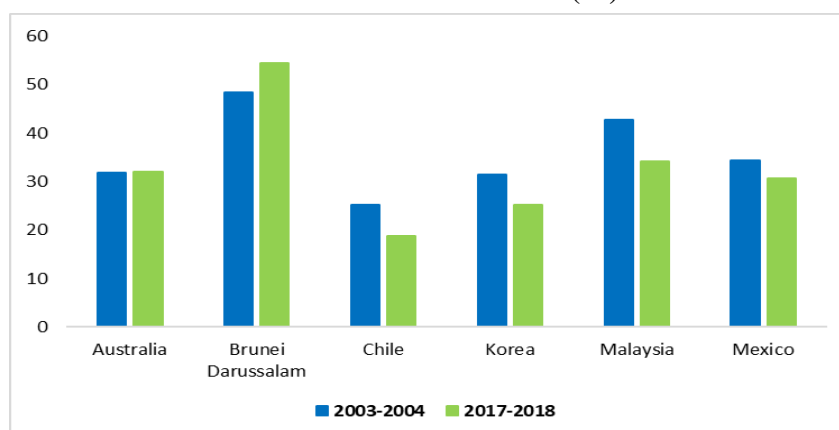
Source: World Bank's World Development Indicators (WDI).

Access to education

Women's access to early education in APEC has remained generally unchanged over the last 20 years, with the percentage of female enrolment in primary school moving within the narrow range of 47 to 48 percent. However, the participation of women enrolled in tertiary education declined from 59 percent in 2000 to 53 percent in 2018, despite the fact that the number of female students in tertiary education increased by 3.1 percent per year between 2000 and 2018.

The engagement of women in science, technology, engineering and mathematics (STEM) also remains limited. Although data on female STEM graduates in the APEC region are available only for few economies, the information that does exist reflects a relatively low proportion of female tertiary graduates from STEM programmes, with only one economy recording slightly more than 50 percent participation over the past two decades (Figure 1.2). In fact, the available data on APEC economies reveal a general decline in female graduates in the STEM fields in the period 2017–2018 compared to 2003–2004. This is cause for concern because science, problem-solving, and technology-related innovation could benefit from the diverse approaches and perspectives that women bring to the field.

Figure 1.2. Proportion of female tertiary graduates from STEM, selected APEC economies (%)



STEM=science, technology, engineering and mathematics.

Note: Figure shows female graduates from STEM programmes as a percentage of total female graduates.

Source: UNESCO Institute for Statistics.

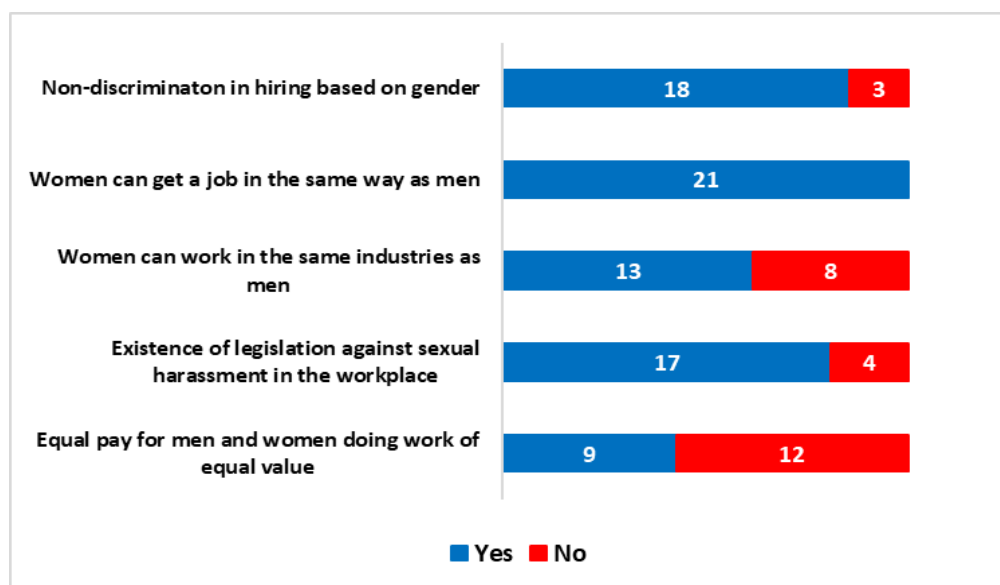
Access to employment

Employment practices and conditions determine the opportunities available to women, affecting their entry to and exit from the labour market. Non-discriminatory hiring practices could help improve women's labour force participation. In the APEC region, a majority of the economies have already established laws against discrimination in hiring based on gender, and in theory, women can get a job in the same way as men in all APEC economies (Figure 1.3). However, in some economies, certain industries or occupations remain closed to women. Only 13 economies do not impose such restrictions.

Upon joining the workforce, women's continued participation could be affected by other factors. For example, the existence of laws against sexual harassment in the workplace contributes to a woman's decision to continue to work. Another persistent issue is the gender pay gap. As of 2020, nine APEC economies had instituted laws on equal pay for equal work or equal pay for men and women doing work of equal value, an improvement from four APEC members in 2000.²

² The list includes: Australia; Canada; Japan; Peru; The Philippines; Russia; Chinese Taipei; Thailand; and Viet Nam.

**Figure 1.3. APEC women's employment opportunities and conditions in 2020
(no. of APEC economies)**

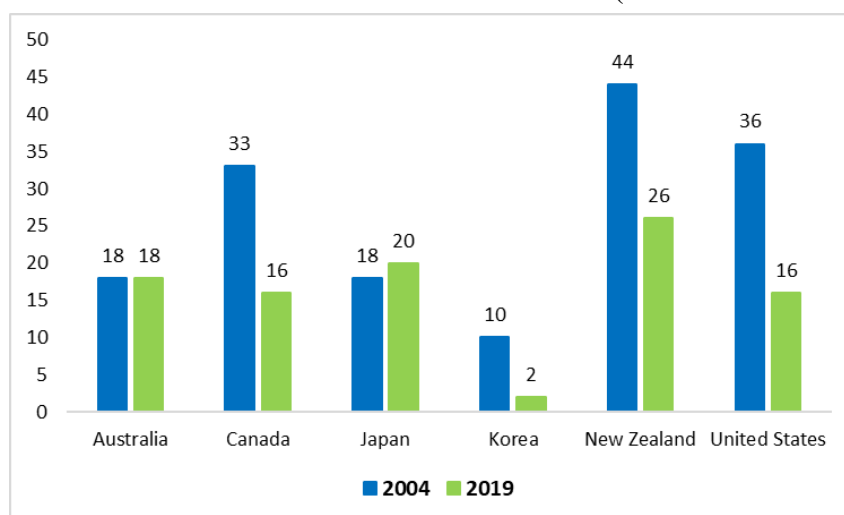


Source: World Bank 2020 and Economy Sources.

Other conditions also affect a woman's decision to stay in the labour force. Legislation that guarantees paid maternity and paternity leave helps in providing adequate support to women, which can enable them to balance family and work responsibilities. Between 2000 and 2020, the number of APEC economies that have mandated paid maternity leave of at least 14 weeks doubled from 6 to 13 members, while those that provide any sort of paid paternity leave went up from 2 to 15 economies.

Cost of childcare services can also influence a woman's decision to return to work after giving birth. If the cost of childcare is high relative to income, women may opt to stay home and take care of the children. Net childcare fees as a percentage of net household income show a general downtrend in available data from selected APEC economies (Figure 1.4), with childcare fees going down by around 10 percentage points between 2004 and 2019. However, childcare costs still account for almost 20 percent of net household income in APEC.

Figure 1.4. Net childcare cost in select APEC economies (% of net household income)



Source: Organisation for Economic Co-operation and Development (OECD) database.

Access to assets and credit

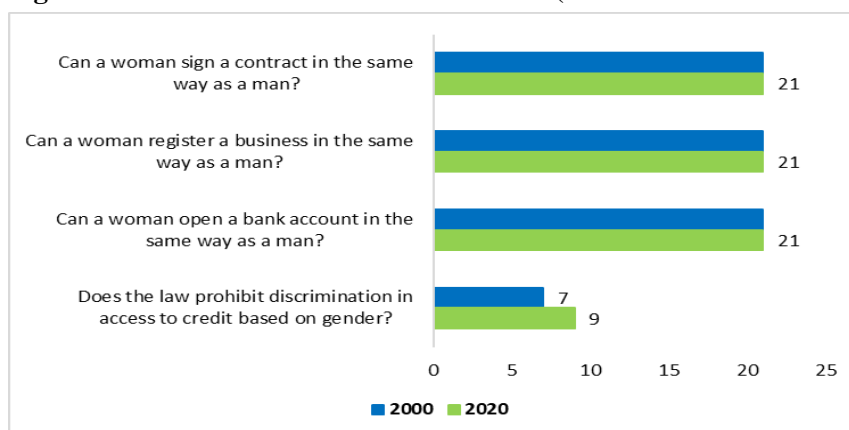
In terms of access to assets, sons and daughters have equal rights to inherit assets from their parents in 18 out of 21 APEC member economies. The same number of economies grant male and female surviving spouses equal rights to inherit assets. Men and women also have equal ownership rights to immovable property in 19 APEC economies.

Access to assets is crucial for women's economic security and financial independence, mainly because it affects their decision and, often times, their ability to undertake economic activities that could have an impact not only on their own socioeconomic condition, but also on that of the family as a whole. For example, a woman with access to assets could use them as collateral for a loan to start a business, which could increase the household's income.

Parallel to formal employment, some women are engaged in other economic activities, particularly entrepreneurship. It is important to encourage this by providing the necessary access to capital and finance, and enacting legislation allowing them to enter into a contract and register a business. In this regard, all women in APEC economies can sign a contract, register a business and open a bank account in the same way as a man, which could suggest that women have unhampered access to government and banking institutions within their respective economies. However, access to credit remains a concern, with only a minimal increase of two APEC economies putting in place laws prohibiting discrimination in access to credit based on gender between 2000 and 2020 (Figure 1.5).

Compounding the gender-based discrimination in access to credit is discrimination based on marital status. Only 7 of the 21 APEC economies have laws against credit discrimination based on marital status. Women's access to credit is further aggravated by the dearth of credit bureaus in the APEC region that collect information on microloans, retail loan satisfaction and utility bill payments. These kinds of information could be helpful to small- and medium-sized enterprises (SMEs), many of which are owned by women, who wish to gain access to credit. For credit providers, such information could help them capture the creditworthiness of small borrowers, particularly those with insufficient credit records (APEC 2019d).

Figure 1.5. Access to institutions and credit (no. of APEC economies)



Source: World Bank 2020.

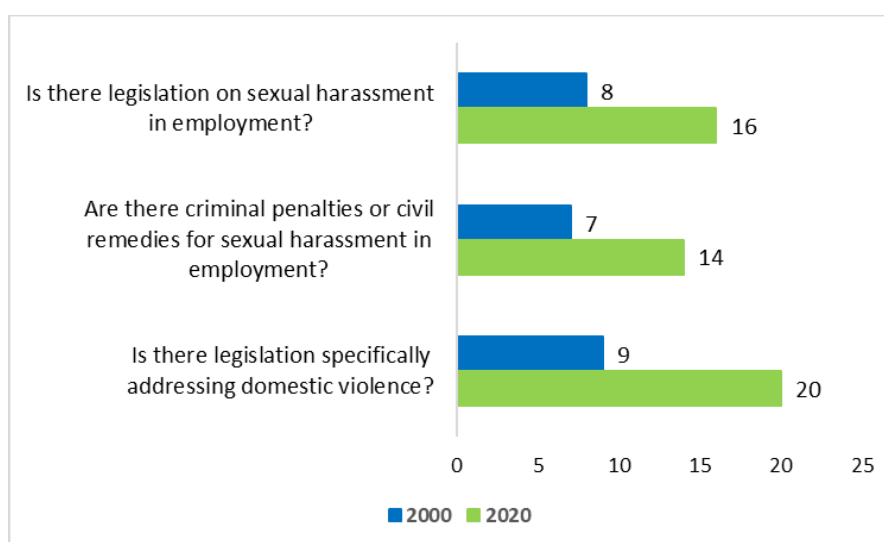
Freedom and protection from violence

Increasing women's participation in economic endeavours necessitates the protection of their freedom and space, whether at home or in the workplace. Legislation that addresses violence

against women and imposes criminal penalties for violators is important for protecting victims, allowing them to focus their time and energy on productive activities.

In the APEC region, there have been significant improvements in the protection of women against violence over the past two decades. For example, 19 APEC members have legislation specifically addressing domestic violence as of 2020, a substantial increase from just 9 economies in 2000. In addition, the number of APEC economies with legislation against sexual harassment in employment has doubled between 2000 and 2020, while those with provisions for criminal or civil liabilities for offenders have increased from 7 in 2000 to 13 in 2020 (Figure 1.6). However, the advent of COVID-19 in 2019-20 has seen a rise in violence against women (see Box 1.1).

Figure 1.6. Legislation to address sexual harassment and violence against women (no. of APEC economies)



Source: World Bank 2020.

Box 1.1. The impact of COVID-19 on women

According to the UN Entity for Gender Equality and the Empowerment of Women (UN Women), around 243 million women and girls aged 15–49 across the globe experienced sexual and/or physical violence in 2019. Lockdowns implemented to fight the COVID-19 pandemic in the first half of 2020 have contributed to an increase in the number of cases of violence against women. The UN Population Fund (UNFPA) has projected that every three months of lockdown could give rise to 15 million more cases of domestic abuse, with movement restrictions expected to result in a 20 percent increase in domestic violence, as victims are trapped with their abusers.

Moreover, prevailing gender inequalities in employment conditions could mean that women are more vulnerable to pay cuts and job losses due to the economic fallout from the pandemic compared to their male counterparts. Several industries have incurred significant losses as demand plunged due to movement restrictions, temporary border closures and quarantine measures. Many of these industries, which include tourism, retail, accommodation, air travel, and food and beverage, employ mostly women.

Exacerbating the risks to women's employment is the greater share of domestic responsibilities that women shoulder. Imposing movement restrictions could mean that employed women will also carry out domestic care while working from home, affecting their productivity. Data from the OECD (2018) show that more employed women reported regularly taking care of ill, disabled or elderly adult relatives compared to employed men. Heightened stress from being confined and from job losses can combine with reduced access to protective networks and services due to the containment measures, aggravating further the conditions for women.

Emerging data show a surge in domestic violence globally with the onset of the pandemic. For example, domestic violence has increased 30 percent in France since the imposition of lockdown measures on 17 March. In Singapore, the Association of Women for Action and Research (AWARE) registered a 35 percent rise in inquiries in March 2020 compared to March 2019. This aligns with UN Women's report of a 33 percent increase in helpline calls in Singapore since the start of the COVID-19 outbreak. Higher incidences of domestic violence and demand for emergency shelter have also been observed in other APEC economies and the rest of the world. For example, a recent Statistics Canada report found that just over half (54 per cent) of surveyed victim services reported an increase in the number of domestic violence victims served since the beginning of COVID-19. There are also concerns that the lockdown measures have discouraged victims from reporting abuses; while a significant reduction in manpower and resources has adversely affected the provision of assistance and services to women victims.

The pandemic has compounded the risks for women: along with a fall in income from the economic impact, there has been a rise in domestic violence from the lockdown measures. Mitigating these impacts will require multi-sectoral efforts. It is imperative that policymakers, women and family agencies, law enforcement, health providers, women's organisations and the community work together to activate necessary safeguards – including helplines, crisis centres, first-line support, protective networks, medical treatment facilities and other essential services – to respond to cases of violence against women.

B. ROLE OF STRUCTURAL REFORMS

Structural reforms that are inclusive and aimed at boosting women's economic empowerment will increase productivity and employment participation, facilitating a greater contribution to economic growth by women. In particular, reform efforts that lead to greater access to labour markets and capital act as mutually reinforcing levers, resulting in women's economic independence and empowerment (APEC 2019c).

APEC has made definitive strides toward reducing the regulatory barriers to women's participation in the economy, implementing structural reforms that provide the impetus for women to join and stay in the labour market. In the past decade alone, APEC economies have either introduced or amended legislation to improve women's wellbeing, particularly by removing discriminatory legal barriers, addressing unequal practices relating to employment and wages, expanding maternity benefits and providing parental leave, making available affordable childcare services, and addressing gender-related issues that reduce women's access to labour markets and credit (Table 1.1).

Table 1.1. Selected major structural reforms toward women's economic empowerment in the APEC region

APEC member economy	Key structural reforms
Australia	<ul style="list-style-type: none"> • Workplace Gender Equality Agency, established under the Workplace Gender Equality Act 2012 to reduce the gender pay gap and support women's economic participation. • Child Care Subsidy, supporting families with their childcare fees.
Brunei Darussalam	<ul style="list-style-type: none"> • Maternity Leave Regulation, to extend maternity leave to 105 days from 56 days, prohibit termination of employment of women while on maternity leave, and guarantee return to work after maternity leave. • Compulsory Education Act and Free Education for All Citizens, to give equal access to education to all children aged 6 and above.
Canada	<ul style="list-style-type: none"> • Pay Equity Act, to establish a proactive pay equity regime for federally-regulated private and public sectors. • Canada Labour Code, amended to give employees in the federally regulated private sector the right to request flexible work arrangements.
Chile	<ul style="list-style-type: none"> • Ministry of Women and Gender Equality replacing the National Women's Agency (SERNAM), created to strengthen domestic policies dedicated to eliminating all forms of discrimination against women. • Maternity Leave Reform, to extend paid maternity leave to 24 weeks, with the possibility of transferring part of this entitlement to fathers.
China	<ul style="list-style-type: none"> • Special Provisions on Labour Protection of Female Employees and Guidelines for Promoting Gender Equality in the Workplace, to improve women's competence in employment and entrepreneurship, ban gender discrimination in employment, and encourage more enterprises to value labour protection of female employees. • Outline for Development-oriented Poverty Reduction for China's Rural Areas (2011–2020) and Outline of Development of Chinese Women (2011–2020), to prioritise poverty alleviation of women and guarantee the supply of resources to poor women.
Hong Kong, China	<ul style="list-style-type: none"> • Gender Mainstreaming, to apply the gender mainstreaming checklist in formulating major government policies and initiatives as well as in programmes by non-governmental organisations. • Family-friendly Employment Policies and Practices, to help employees manage their family responsibilities and cope with the changing circumstances and needs at different stages of their lives by offering flexible and varied work arrangements as well as other forms of support.

APEC member economy	Key structural reforms
Indonesia	<ul style="list-style-type: none"> • Peace Village Initiative, purposefully placing women as the main actors in building peace in the family, the community and locally, and employing an approach that combines economic improvement, a peacebuilding social mechanism and women's empowerment. • People's Business Credit, a social assistance programme targeting micro businesses that cannot be facilitated by banks, with women entrepreneurs comprising around 90 percent of the credit customers.
Japan	<ul style="list-style-type: none"> • Act on the Promotion of Female Participation and Career Advancement, to facilitate women's participation and advancement in the workplace. • Childcare and Family Care Leave Law, revised, to support work-life balance through diverse and flexible work styles, to encourage men's participation as partners in parenting and in caring for people who need nursing care, in order to enable women to remain in the workforce.
Korea	<ul style="list-style-type: none"> • Fair Hiring Procedure Act, revised to address gender discrimination in recruitment. • Plan to Enhance Women's Representation in the Public Sector, to increase women's social participation and to set concrete targets for women's representation in senior positions in the public sector.
Malaysia	<ul style="list-style-type: none"> • Access to education and health, to increase the opportunity for women and girls to participate in the economy. • Career Comeback Programme, to encourage employers to recruit and retain women on career breaks; and to re-skill or upskill women on career breaks to ensure they are ready to be integrated back into the workforce.
Mexico	<ul style="list-style-type: none"> • Mexican Standard on Labour Equality and Non-Discrimination (NMX-R-025-SCFI-2015), to coordinate the efforts of government agencies to disseminate and promote labour equality and non-discrimination in workplaces in the public, private and social sectors. • Mexican Standard for Labour Equality between Women and Men, to establish the requirements for certification verifying that the labour practices of an organisation demonstrate equality and non-discrimination, social security, an adequate work environment, freedom, and employment accessibility for women and men.
New Zealand	<ul style="list-style-type: none"> • Support package for women, to allow women to participate in paid work by providing up to 20 hours free early childhood education per week, extending paid parental leave to 26 weeks, and providing all employees with the right to request flexible working conditions. • Public Service Gender Pay Gap Action Plan, to eliminate bias from remuneration systems, ensure gender balance in leadership roles, and make flexible working arrangements available to all staff.
Papua New Guinea	<ul style="list-style-type: none"> • Gender Equity and Social Inclusion Policy, to set a framework for the promotion of gender equity and socially inclusive practices across all sectors. • National Financial Inclusion Strategy 2016–2020, to increase access to formal financial services by vulnerable groups such as women and rural communities.
The Philippines	<ul style="list-style-type: none"> • Expanded Maternity Leave Law (RA 11210), to uphold women's welfare by expanding maternity leave to 105 days and providing maternity and early child-rearing protection while guaranteeing workforce re-entry. • Safe Spaces Act (RA 11313), to penalise gender-based sexual harassment in streets, public spaces, online, workplaces, and educational and training institutions.
Russia	<ul style="list-style-type: none"> • Re-skilling of women on a parental leave, to upgrade qualifications and facilitate re-entry to the labour force through retraining or advanced training of women during parental leave, as well as increasing their competitiveness and professional mobility in the labor market. • Reduction of jobs prohibited to women, to significantly decrease the number of jobs closed to women, usually physically demanding jobs and jobs with abusive and dangerous working conditions.

APEC member economy	Key structural reforms
Singapore	<ul style="list-style-type: none"> • Work–Life Harmony, to support women to balance career and family responsibilities, by promoting flexible work arrangements; by providing a work–life grant to employers on flexible work arrangements; and by encouraging employers to provide additional leave to employees during unexpected caregiving exigencies through the Tripartite Standard Unpaid Leave for Unexpected Care Needs. • Affordable Early Childhood and Eldercare Services, providing subsidies to alleviate the financial burden of caregiving and allow women and men to pursue careers.
Chinese Taipei	<ul style="list-style-type: none"> • Act of Gender Equality in Employment, to enforce measures such as prohibiting gender discrimination against job applicants or employees, preventing sexual harassment in workplace, and introducing family-friendly leave such as family care leave, maternity leave, paternity leave, menstrual leave and parental leave without payment. • Countermeasures against Declining Birthrate, expanding services of public childcare and preschools, subsidising private childcare and preschools, and encouraging employers to establish childcare facilities within workplaces.
Thailand	<ul style="list-style-type: none"> • Gender Equality Act, to protect against gender discrimination, to ensure access to economic and social protection, and to put in place a measure to prevent sexual harassment in the workplace. • Labour Protection Act, to require employers to pay the same wage rate to male and female employees where the work performed is of the same nature, quality and quantity, or of equivalent value (equal payment for equal work), and to extend maternity leave from 90 to 98 days.
United States	<ul style="list-style-type: none"> • The United States has pioneered foundational legal reforms for women's economic empowerment. Early efforts included the Equal Pay Act of 1963, which makes it illegal to pay men and women working in the same place different salaries for work requiring substantially equal skill, effort and responsibility under similar working conditions; the Civil Rights Act of 1964, which outlaws discrimination in any aspect of employment, based on race, colour, religion, sex or origin; and the Pregnancy Discrimination Act of 1978, which forbids discrimination based on pregnancy when it comes to any aspect of employment. • More recent legislative efforts to advance economic opportunities for women include the Updated Equal Employment Opportunity in Apprenticeship Regulations, to open more doors to apprenticeship for all workers, including women, minorities, and individuals with disabilities; and the Federal Employee Paid Leave Act of 2020, to provide 12 weeks of paid parental leave to certain Federal employees.
Viet Nam	<ul style="list-style-type: none"> • Constitution 2013, which has achieved a breakthrough in gender equality, particularly in protecting women's and children's rights and promoting women's role in the society. • The Labour Code 2012, applies equal employment rights to male and female, while a separate chapter on women's labour is also provided which expands maternity leave and requires enterprises to follow the principles of gender equality in hiring female workers.

Source: IER Questionnaire for APEC Economic Policy Report (AEPR) 2020. Please see Annex A for the full information of key structural reforms implemented by APEC member-economies.

C. BARRIERS TO WOMEN'S ECONOMIC EMPOWERMENT

It is notable that APEC economies recognise women's contribution to economic growth by implementing structural reforms that encourage increased women's participation in economic activities. However, barriers to women's economic empowerment persist. These barriers vary from one APEC economy to another, owing to different levels of economic development, domestic priorities and employment conditions.

These impediments to women's economic participation cover structural barriers, such as discriminatory practices, regulatory restrictions and institutional inadequacies, as well as sociocultural factors.

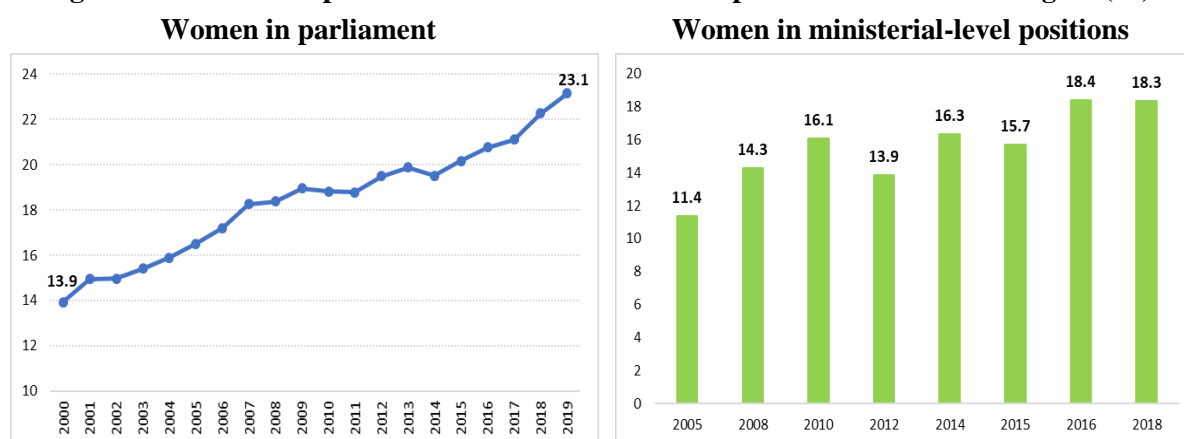
Structural barriers

According to the APEC Women and the Economy Dashboard 2019, the structural barriers hindering women in APEC from economic engagement are: (1) constrained access to credit due to discrimination based on gender and marital status, compounded by the prevailing

inadequacy in reporting mechanisms for micro and retail loans; (2) persistent weakness in conditions for career advancement in the region, with less than half of APEC economies enacting laws that guarantee a woman's return to an equivalent position after maternity leave; mandate equal pay for equal work or work of equal value; and grant paid or unpaid parental leave and tax deductions for childcare payments.

Moreover, despite the proportion of seats held by women in parliament and in ministerial-level positions having risen incrementally over the last two decades (Figure 1.7), participation by women in political leadership continues to be low. This is a crucial impediment in working toward ending gender discrimination and boosting women's empowerment, because women's representation in political decision-making is essential to facilitate the formulation, implementation and enforcement of policies aimed at ensuring equal rights and opportunities (APEC 2019d). In addition, although there is a dearth of data on private sector leadership by women in APEC, available information reveal that women's representation in managerial positions in the region has also remained persistently low.

Figure 1.7. Women in parliament and ministerial-level positions in the APEC region (%)



Source: Inter-Parliamentary Union's Women in Politics database.

The barriers to women's economic participation in APEC economies that have been identified by APEC members themselves (Table 1.2) are consistent with the findings of the 2019 Dashboard. Lack of access to affordable childcare services and women being responsible for a disproportionate share of household duties and unpaid care are the most common obstacles to women's labour force participation in the APEC region.

To help address these persistent structural barriers to women's economic empowerment, APEC – through the Policy Partnership on Women and the Economy – formulated the La Serena Roadmap for Women and Inclusive Growth (2019–2030). The Roadmap identifies key cross-cutting action areas, including expanding women's access to capital and markets, strengthening women's labour force participation, improving women's representation in leadership positions in the public and private sector, supporting women's education and skills development, and enhancing data collection to produce sex-disaggregated data to better inform policymaking.

The Roadmap also specifies key targets to track APEC economies' progress in pursuing the action areas. By 2030, APEC as a whole will exert efforts to: (1) have in place laws, policies and regulations that prohibit discrimination on the basis of sex in employment access, opportunities and conditions; (2) have in place non-discrimination laws, policies and regulations that provide equal access to capital and credit for both sexes; (3) improve the gender

balance among STEM graduates in tertiary education, and in research and R&D; and (4) improve the region's gender balance in leadership positions, closing the gap for women (APEC 2019e).

Table 1.2. Key barriers to women's economic empowerment in the APEC region

APEC member economy	Key barriers and challenges
Australia	<ul style="list-style-type: none"> access to affordable childcare and flexible working arrangements disproportionate amount of unpaid care and domestic work undertaken by women
Brunei Darussalam	<ul style="list-style-type: none"> relatively low representation of women in senior management positions in both private and public sector
Canada	<ul style="list-style-type: none"> gender inequality in the workplace child care affordability and accessibility
Chile	<ul style="list-style-type: none"> greater share of domestic responsibilities shouldered by women limited access to flexible work arrangements
China	<ul style="list-style-type: none"> delayed promotion and employment discrimination due to childbearing greater share of family responsibilities shouldered by women
Hong Kong, China	<ul style="list-style-type: none"> bulk of household duties done by women
Indonesia	<ul style="list-style-type: none"> childcare and family responsibilities limit women's economic activities patriarchal culture that often leads to discrimination, affecting women's capacity to manage and expand businesses
Japan	<ul style="list-style-type: none"> gender stereotypes that lead to women shouldering a disproportionate burden of household chores, child-rearing and caregiving men-oriented working practices, including long working hours, that make it difficult for women to balance work with family responsibilities while fulfilling their potential
Korea	<ul style="list-style-type: none"> lack of childcare services gender discrimination in the organisational culture
Malaysia	<ul style="list-style-type: none"> issues with the availability, quality and affordability of childcare and eldercare lack of awareness on the importance of a gender perspective in the planning, policymaking and implementation of development programmes and projects
Mexico	<ul style="list-style-type: none"> division of labour has placed women almost exclusively responsible for tasks such as domestic and care work differences in opportunities to access or stay in paid work between men and women
New Zealand	<ul style="list-style-type: none"> workplace discrimination against women in terms of pay and promotion women performing significantly more unpaid work than men.
Papua New Guinea	<ul style="list-style-type: none"> insufficient access to bank accounts and credit cultural and traditional norms
The Philippines	<ul style="list-style-type: none"> cultural attitudes expecting women to provide care for dependents persistent gender wage gaps in some sectors and occupations
Russia	<ul style="list-style-type: none"> forced career gaps persistent gender pay gap
Singapore	<ul style="list-style-type: none"> cultural norms and perspectives on traditional gender roles may hamper women's participation in economic activity (e.g. women's work and family responsibilities, women's representation on boards and in senior management positions of companies /organisations)
Chinese Taipei	<ul style="list-style-type: none"> lower labour force participation rate for women aged 30 and older due to various factors such as marriage, pregnancy, parenting and caring for family insufficient affordable childcare services and caregiving support
Thailand	<ul style="list-style-type: none"> gender discrimination reflected through different wage rates for men and women, the exclusion of women from some occupations, harassment in the workplace, and low rates of women executives. childcare facilities cannot fully support mothers who would like to re-enter the workforce
United States	<ul style="list-style-type: none"> equal participation of women in the labour force regardless of background, marital, or motherhood status
Viet Nam	<ul style="list-style-type: none"> socially common perception that women should focus more on taking care of their family and kids unequal access to education and discriminatory employment practices, including access and gender differences in working conditions and remuneration

Source: IER Questionnaire for AEPR 2020.

Sociocultural factors and gender stereotyping³

Discriminatory mindsets and practices related to sociocultural contexts aggravate existing regulatory restrictions, making it more difficult for women to participate in the labour market. An APEC Policy Support Unit (PSU) study has found that women spend a considerable amount of time doing routine housework, shopping, and caring for household members; and this trend is widespread in both developed and developing APEC economies. The World Values Survey suggests that gender stereotyping is widespread: one-third of the respondents are of the view that women should carry a greater share of childcare responsibilities. Another important finding is that, although the majority of respondents think that women and men are equally capable business executives, around 30 percent of respondents expressed less confidence in women's business leadership skills (Zhu and Kuriyama, 2016).

In most parts of Asia, women are expected to take on a greater load of household and family responsibilities compared to men. This is highlighted in Malaysia, where prejudices and stereotypes about women's abilities, along with other cultural and traditional biases about the role of women, adversely affect their participation in the labour market. The 2018 Malaysian Labour Survey finds that 60.2 percent of the women who did not participate in the labour force cited housework, including childcare and eldercare, as the main reason for not seeking work (World Bank 2019b). In the absence of childcare and eldercare options, many women feel obligated to stay home as caregivers and are thus out of the labour market.

In Indonesia, the concept of *kodrat* embodies society's expectations that women are nurturing and should therefore take care of domestic commitments before engaging in any other activity (McKinsey Global Institute 2018). The Australia–Indonesia Partnership for Economic Governance has found that low female labor force participation (FLFP) in Indonesia can be attributed to marriage and having children below 2 years old in the household (AIPEG 2017). The motherhood penalty appears when women experience pregnancy discrimination in the workplace by being treated unfavourably or even forced to resign.

Singapore likewise recognises that cultural norms and perspectives on traditional gender roles hamper women's participation in economic activity and that this would take time and effort to change. Although Thailand has seen a shift in attitudes, with women being encouraged to work, women are still expected to do domestic work as well as look after family members. According to the data in 2015, female workers spent almost twice as much time on domestic work as their male counterparts, putting women at a disadvantage and affecting their career development.

Chinese Taipei echoed the concerns voiced by other APEC economies. There, conventional norms shaped by social and cultural stereotypes give rise to restrictions that hold back women from participating in public and political affairs, leading to fewer opportunities to take high-level positions in administrative agencies and judicial institutions. The gap between men and women in terms of representation in important government positions is shown by the 2018 data, where women made up only 23.4 percent of the political appointees in administrative agencies and 26.7 percent of justices. In addition, while 42.2 percent of all civil servants were women, they accounted for only 34.6 percent of senior ranking civil servants.

Korea is cognisant of the need to foster a gender-equal culture in the workplace. As part of its continuous efforts to expand women's overall social participation, the government is providing

³ Information in this section is mainly based on the IER questionnaires submitted by selected APEC economies.

consulting programmes for businesses to improve their corporate culture and has already launched a voluntary pact campaign that encourages businesses to set their own gender-balance targets and work toward achieving them.

Gendered sociocultural norms and expectations are also an issue in Chile where women spend an average of three hours per day on unpaid domestic duties, double the time men spend on household responsibilities. Mexico also experiences gender inequality in the form of women shouldering a disproportionate share of domestic and care work relative to men. This has served as a barrier to the realisation of women's capabilities, preventing them from fully contributing to economic growth. According to the 2019 National Survey of Occupation and Employment, 4.5 out of 10 women in Mexico participated in the labour market, in contrast to almost 8 out of 10 men (INEGI 2018), below the average for the Organisation for Economic Co-operation and Development (OECD 2017).

Meanwhile, in Australia, the workforce participation rates of aboriginal and Torres Strait Islander women, culturally and linguistically diverse women, women in rural and regional areas, and women with disabilities, are below the domestic average. In Canada, gendered norms related to unpaid household and caregiving responsibilities continue to prevail, affecting women's full and equal integration into the labour market. For example, in 2015, women spent 90 minutes more per day on unpaid domestic and care work than men

D. AVAILABILITY OF DATA TO INFORM STRUCTURAL POLICY FOR WOMEN'S EMPOWERMENT

For policymakers, getting evidence through data is crucial for a myriad of reasons. Data is useful for mapping and studying the evolution of conditions, determining priorities, making policy decisions, testing assumptions, fine-tuning existing policies and evaluating their impact. To advance women's economic empowerment, it is imperative for governments to have sex-disaggregated data to guide them in the conduct of policy interventions that could assist to close the existing gap between men and women.

Importance of sex-disaggregated data

Implementing policies with the aim of advancing women's access to credit and assets, eliminating discrimination in the labour market, facilitating women's educational opportunities, improving women's conditions to enable them to return to work after maternity leave, and addressing violence requires statistical data. Sex-disaggregated data allow policymakers to assess whether their policies are effective and appropriate. Such data also improve transparency and make governments accountable, as people can track whether policies to support women's economic empowerment are working. In addition, the data help to legitimise discussions and is a powerful tool to raise awareness on women's realities and issues.

Data could be a powerful instrument to motivate governments to put more resources into a specific sector. For example, the World Bank's Doing Business initiative, which measures regulatory business conditions worldwide, has motivated several governments to focus their efforts on providing resources and political capital to implement regulatory reforms.⁴ Similarly, the OECD's Programme for International Student Assessment (PISA) tests, which measure the performance of 15-year-old students in reading, mathematics and science knowledge and skills

⁴ For instance, the government of Peru launched in 2009 the Plan to Improve Doing Business in order to move forward in the World Bank's Doing Business rankings. The government assigned the equivalent of USD 48 million to support the reform efforts (Andina 2009).

to meet real-life challenges, are used as a comparative tool to assess the quality of education in each economy. Governments have been using these scores to push for reforms to transform their educational sector to help students gain proper skills to prepare them for the future.⁵

While sex-disaggregated statistics have become more available in recent years, many data gaps remain. In the case of the 2019 APEC Women and the Economy Dashboard, the threshold for calculating APEC aggregates, namely, data from two-thirds of APEC economies, could not be met in 2017 for 35 out of a total of 95 indicators (APEC 2019d). Likewise, a 2011 survey by the UN Statistics Division covering 126 economies finds that only 30 to 40 percent of them regularly produced sex-disaggregated statistics regarding informal employment, unpaid work, entrepreneurship, violence against women and technology (Data2X 2017). Also, the World Economic Forum has found that while there are 14 indicators of progress associated with the Sustainable Development Goal of achieving gender equality and empowering all women and girls, most economies are measuring progress in just three of them (WEF 2017).

The lack of comprehensive sex-disaggregated statistics is a major constraint that leads to cascading adverse effects by preventing policymakers from identifying more accurately the magnitude of the problems and resolving them with appropriate policies. Without a deeper understanding of the conditions affecting women, the attention of governments may be diverted from allocating the proper resources and political support to the decisions that could actually help close the gender gaps.

Challenges in collecting sex-disaggregated data

Several reasons explain the insufficiencies in sex-disaggregated data. First is the large funding gap. Only 10 percent of statistical development projects funded by multilateral donors in 2017 contained any activities for gender statistics while only 13 percent of economies worldwide had a budget specifically dedicated to gender statistics (Seck 2019b).

Other problems are institutional in nature. For example, few economies have laws that mandate the production of sex-disaggregated data (Seck 2019b). An appropriate legal framework could facilitate the production of high-quality data, as it makes it permissible to request certain information for statistical purposes and encourages collaborative ties among public institutions. Without a legal framework, individuals and companies could object to disclosing information. In Chile, the regulatory framework allows the Superintendency of Banks and Financial Institutions (SBIF) to collect statistics disaggregated by sex in the financial sector, but its data became more robust in terms of gender attribution in 2006 after the Civil Registry and Identification Service of Chile allowed SBIF to access its data (Farren 2019). Australia's Workplace Gender Equality Act 2012 requires non-public sector employers with 100 or more employees to submit an annual report with information on the gender composition of the workforce and governing bodies, equal remuneration for men and women, and availability of data on flexible work arrangements and sex-based harassment and discrimination (Australian Government 2014).

Another challenge is the lack of technical knowledge within government agencies. This could lead to situations where the sex-disaggregated data produced may not be very useful in monitoring and evaluating policies that seek to improve women's economic empowerment. In some cases, domestic statistics agencies may have teams collecting gender-related information, but ministries and other public institutions may not necessarily have dedicated gender focal

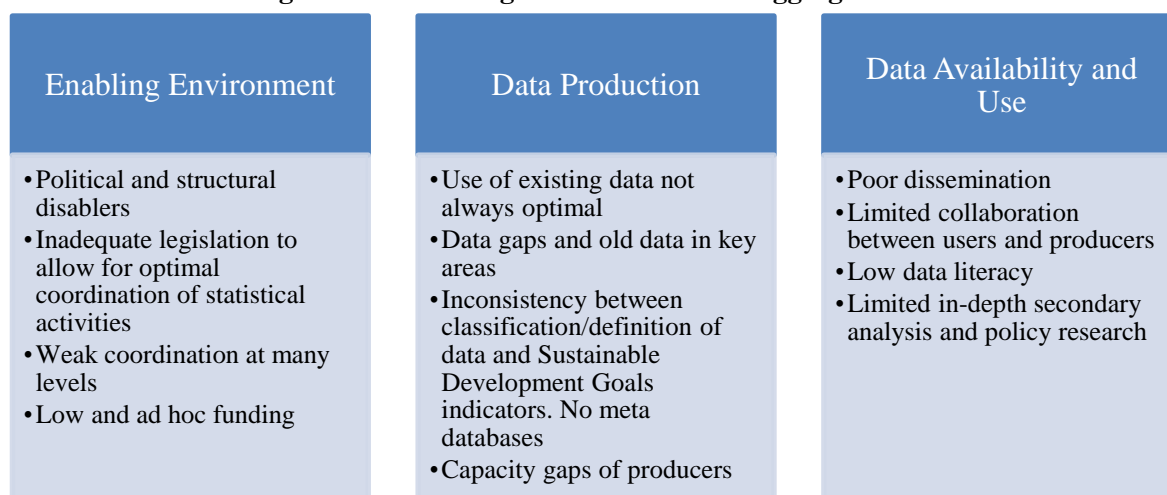
⁵ After the OECD PISA scores showed Indonesian students scoring poorly in math, science and reading, the Education Ministry in April 2020 was instructed to overhaul the entire primary and secondary education system (Cahya 2020).

points to ensure the dissemination of correct and proper data from the ministries back to the statistics agencies to generate sustainable sex-disaggregated statistics. It is common to find a mismatch in skills, as many gender specialists are not knowledgeable on statistical issues, while statisticians are not well-trained on gender issues (Seck 2019b). Thus, even where suitable statistics are produced, data are not necessarily analysed deeply by these agencies in their statistical reports, which could prevent policymakers from making informed decisions.

An APEC survey conducted within the Policy Partnership on Women and the Economy in 2019 also captured these institutional challenges. The survey indicates that while statistical bureaus are usually responsible for generating gender indicators, producing the statistics falls under an institution devoted to women's issues. However, in general, the coordination between these institutions is poor. Only two economies reported a link between their statistical bureaus and mechanisms to advance women's empowerment (Ministry of Women and Gender Equality, Chile 2019).

As seen, the challenges do not end with the data production process. They could continue in terms of data availability and use. In this regard, capacity-building initiatives to improve sex-disaggregated statistics should also target aspects related to data literacy to improve the proper use of this information. A summary of the main challenges related to obtaining and using proper sex-disaggregated data appears in Figure 1.10.

Figure 1.8. Challenges related to sex-disaggregated data



Source: Seck 2019a.

Monitoring, enforcement and evaluation of structural policies to improve women's economic empowerment in the APEC region

Based on the 21 Individual Economy Reports (IERs) submitted for this APEC Economic Policy Report (AEPR), APEC economies generally mention their use of certain data to monitor and evaluate structural reform policies to improve women's empowerment. Many APEC economies have adopted international frameworks to make progress in generating sex-disaggregated statistics, the most common being the Convention on the Elimination of All Forms of Discrimination against Women (CEDAW), the Sustainable Development Goals 2030 and the Beijing Platform for Action (Ministry of Women and Gender Equality 2019).

The type and use of data differ among economies. Most economies indicate using statistics related to the labour market, such as the participation of women in the labour force, female unemployment rates and women's average salaries. Some economies also report the use of sex-

disaggregated statistics related to socioeconomic conditions, education, leadership, health and social protection, and access to finance. While all economies report quantitative indicators (e.g., number of poor women in rural areas), a minority of economies apply qualitative indicators as well (e.g., availability of flexible working arrangements).

Table 1.3. Sex-disaggregated indicators reported by APEC economies

APEC member economy	Examples of indicators by areas
Australia	<ul style="list-style-type: none"> - Career advancement: availability of flexible working arrangements; time use survey - Health and safety: prevention of sex-based harassment and discrimination - Labour: gender composition of workforce; equal remuneration between men and women
Brunei Darussalam	<ul style="list-style-type: none"> - Education: educational attainment by gender - Labour: women's participation rate; number of unemployed women; female youth unemployment; occupation by type of economic activity and gender
Canada	<ul style="list-style-type: none"> - Education: proportion of post-secondary qualification holders who are women by field of study; high school reading and mathematics test scores - Health and safety: proportion of self-reported violent victimisation to police by gender; adolescent birth rate; health-adjusted life expectancy by birth - Labour: female labour force participation rates; gender gap in median and average wages; proportion of female workers in full-time jobs - Leadership: proportion of employees in management positions who are women; proportion of board members who are women; proportion of ministerial positions held by women in federal government - Socioeconomic conditions: poverty rates, core housing need, and food insecurity by family type (e.g. single parent) and gender
Chile	<ul style="list-style-type: none"> - Labour: employment, unemployment and participation rates by gender; monthly earnings by gender - Leadership: women in top-level management positions
China	<ul style="list-style-type: none"> - Health and safety: proportion of insured women - Labour: number of women covered by unemployment insurance - Leadership: proportion of female directors in board of directors; proportion of female supervisors in board of supervisors - Socioeconomic conditions: number of poor women in rural areas
Hong Kong, China	<ul style="list-style-type: none"> - Health and safety: maternal mortality ratio; employed persons with disabilities by monthly earnings; rates of newly reported battery cases - Education: proportion of women with post-secondary education; trainees completing Employees Retraining Board's courses - Labour: labour force participation rate by gender; employed persons by industry and gender; median hours of employed person by industry and gender - Leadership: proportion of women as directorate officers in civil service - Socioeconomic conditions: population by gender, age group and marital status; single parents by gender and single parents' household income; number of poor by gender
Indonesia	<ul style="list-style-type: none"> - Access to finance: financial literacy and inclusion - Leadership: gender empowerment index; participation of women by type of organisation. - Socioeconomic conditions: gender development index
Japan	<ul style="list-style-type: none"> - Career advancement: proportion of male workers taking childcare leave; number of wait-listed children on childcare services - Education: proportion of undergraduate graduating students by gender - Health and safety: health-adjusted life expectancy by gender; number of one-stop support centres for victims of sexual crime and violence - Labour: employment rates for women aged 25–44 - Leadership: proportion of female directors in civil service and private corporations; proportion of female members of prefectural disaster councils
Korea	<ul style="list-style-type: none"> - Labour: employment and labour force participation rates by gender - Leadership: female executives and listed companies

APEC member economy	Examples of indicators by areas
Malaysia	<ul style="list-style-type: none"> - Access to finance: participation in access to resources - Education: educational attainment by strata and gender; highest certificate obtained - Health and safety: human rights of women and girls; social protection - Labour: labour force, employment and unemployment rates by gender; salaries and wages received by employed women - Leadership: women in managerial positions; proportion of seats held by women in Parliament; percentage of female judges - Socioeconomic conditions: percentage of head of households by item owned and gender; female internet users
Mexico	<ul style="list-style-type: none"> - Labour: standards on labour equality and non-discrimination and women working in certified work centres
New Zealand	<ul style="list-style-type: none"> - Labour: gender gap in hourly wages; gender pay gap in public service based on average pay
Papua New Guinea	<ul style="list-style-type: none"> - Access to finance: opening of new bank accounts; access to financial services
The Philippines	<ul style="list-style-type: none"> - Labour: female employment; proportion of women in managerial positions
Russia	<ul style="list-style-type: none"> - Career advancement: women's improvement in professional skills and competencies; assessment of women's needs on parental leave - Education: proportion of women studying STEM fields; assessment of vocational education and training - Labour: female employment; female employment among women with children; women working by industry; awareness rates on labour-related rights
Singapore	<ul style="list-style-type: none"> - Career advancement: take-up rate of paternity leave; flexible work arrangements - Labour: female employment rates for women aged 25–64; nature of jobs for women - Leadership: representation of women on boards in people, public and private sectors
Chinese Taipei	<ul style="list-style-type: none"> - Career advancement: cases of initial approval for payment of parental leave allowance; ratio of male grantees - Education: women's share in R&D - Labour: women's labour participation rate; average gender pay gap; gender structure of employment by occupation - Leadership: proportion of female legislators; status of women's participation in decision-making in the government sector; proportion of female directors at public-listed companies

Source: IER Questionnaire for AEPR 2020.

While economies are exerting efforts to generate and improve the quality of their sex-disaggregated statistics, many acknowledge this is not enough to conduct monitoring and evaluation of all the initiatives put in place to advance women's economic empowerment. Furthermore, none of the IER submissions report indicators associated with measuring enforcement aspects.

In fact, some APEC economies have recognised data gaps in their IER submissions. In some cases, the gaps appear because data management systems are not integrated properly across government agencies. Thailand identifies a problem in survey and data collection methods, which lack a gender differentiation approach, and prevents data from being used for policy design and gender-based budgeting. Indonesia reports that banks and the financial sector rarely collect sex-disaggregated data.

In other cases, sex-disaggregated data are available, but are not comprehensive enough to be useful in helping the government identify policy priorities. For instance, Brunei Darussalam mentions that the lack of comprehensive sex-disaggregated data is a challenge in identifying policy interventions regarding women's participation in economic activities.

Similarly, China's experience shows that, despite having a sound sex-disaggregated statistics system, there is still room for improvement, in particular, on issues concerning women's participation in the labour market, days of leave at work and the proportion of companies with female directors. Japan mentions the availability of 8 out of the 14 indicators associated with the realisation of the Sustainable Development Goal on gender. Malaysia has been able to produce several indicators on women's economic empowerment, but has identified gaps in gender indicators in areas such as non-formal education.

Previous research in APEC has also identified data gaps. The 2019 APEC Women and the Economy Dashboard identifies gaps in leadership issues (e.g., female participation in ownership and top positions in the private sector; ratios of men to women in high-level positions in academia, the judiciary and professional services) and education (e.g., percentage of female graduates in STEM; female staff working in R&D) (APEC 2019d). Likewise, the APEC Policy Partnership on Women and the Economy has corroborated via a survey that many economies do not report firm-level gender indicators (Ministry of Women and Gender Equality 2019), which could make it difficult for governments to design appropriate initiatives to encourage more female leadership and improve women's career advancement.

Sex-disaggregated data is most useful when updated at a reasonable frequency. It cannot be a one-off effort. However, due to limited resources, some information is not always collected on an annual basis by governments and international organisations. For example, Australia's IER reports the reinstatement of the time use survey in 2020–2021, only after securing AUD 12.5 million from the 2019 Women's Economic Security Statement. That survey was last conducted in 2006. In Canada, the time use survey occurs only every five years. The last one was in 2015.

At the international organisations level, gaps are also noticeable. The OECD's Social Institutions and Gender Index (SIGI), which measures discrimination against women in social institutions, taking into account laws, social norms and practices, is published every four years, so there were no reported data between 2014 and 2018. The World Bank's Women, Business and the Law initiative reported new data every two years until 2018, but since then new data is reported on an annual basis.

Ideally, every policy goal should be matched with indicators that could be used to measure progress and provide evidence for governments to implement policy adjustments when necessary. Along these lines, some economies report having frameworks or tools to analyse how women are experiencing government policies. For example, since 1995 the Government of Canada has adopted Gender-based Analysis Plus (GBA+) as its tool for assessing gender and diversity impacts in the development of responsive policies, programs, regulations and legislation. To ensure GBA+ is informed by quality data and information, investments have been made to improve the availability and usability of disaggregated data. In addition, efforts have been made to make relevant data and analysis available to support rigorous GBA+. Since 2016, GBA+ has received a stronger emphasis, including the first-ever publication of GBA+ information for all measures introduced in Budget 2019 and the introduction of the complementary Gender Result Framework in Budget 2018 to track changes in gender equality and help set policy priorities. Similarly, Korea has implemented a Gender Impact Analysis and Assessment since 2012 to evaluate current policies and programmes to enhance women's empowerment and identify improvements made.

Recommendations to improve sex-disaggregated data

APEC economies have highlighted improvements in the availability of sex-disaggregated data, but at the same time, they recognise that there is room for improvement in terms of the availability and quality of data. Supporting structural reform on gender issues requires sex-disaggregated data to ensure that the policy interventions and initiatives launched are supported by credible and updated data. APEC economies could consider the following recommendations for improving sex-disaggregated data:

- Provide a solid legal framework to support data collection.
- Conduct capacity building to learn from best practices and successful experience so as to include a gender perspective in surveys and administrative procedures to gather data, for example, in terms of survey design and management.
- Provide training and capacity building to learn effective ways to use and analyse sex-disaggregated data, in order to make the information more useful for policymakers.
- Facilitate closer communication and coordination between statistical and gender experts, including sharing of best practices.
- Raise awareness about the importance of collecting data for policy purposes.
- Allocate resources to support data collection, follow-ups, review and sustainability.
- Promote closer collaboration between the public and private sector in the whole data production process.

E. MAIN TAKEAWAYS

APEC has taken important steps toward advancing women's economic empowerment by implementing structural reforms that aim to address gender inequalities in access to education, employment opportunities, and financial assets and credit. Policies on gender equality in the workplace, fair hiring practices, maternity and paternity leave, and other laws on labour protection are geared toward increasing women's participation in economic activity.

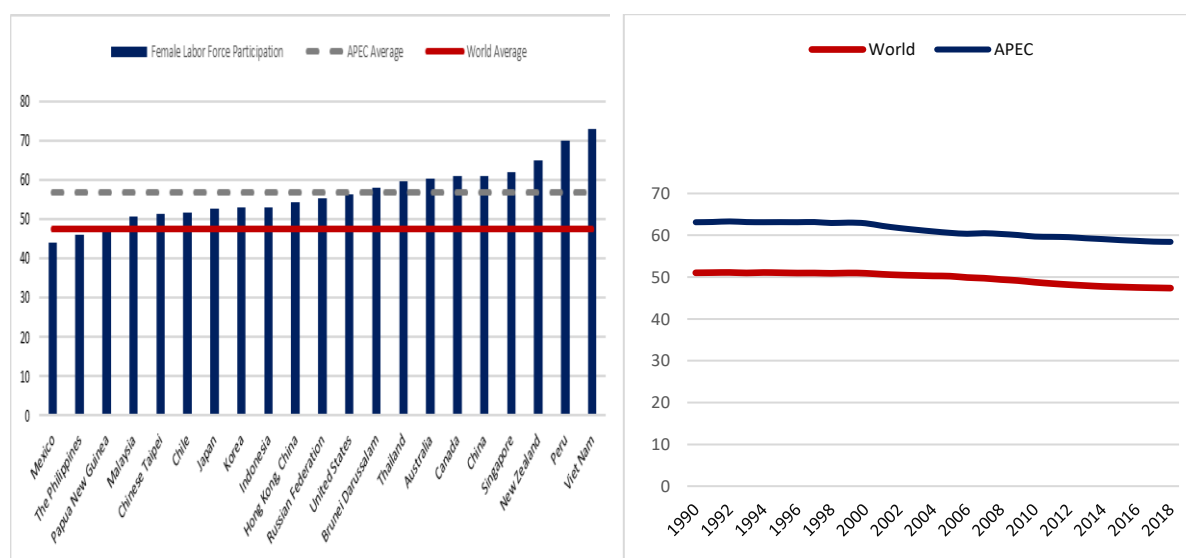
However, gaps remain. They include policies on discrimination, childcare services, flexible work arrangements, parental leave, and pay equity that could hold back women from participating in economic activities as the costs of balancing family and work responsibilities could outweigh the benefits. Changing cultural mindsets, particularly the expectation that women should bear a greater share of domestic care and responsibilities, remains a challenge across the APEC region. Women's representation in leadership roles, both in the public and private sector, has also remained low for decades. The lack of women's voices in the policy decision-making bodies responsible for ensuring equal treatment and opportunities for women impedes the journey toward women's economic empowerment.

Structural reforms that are targeted at removing barriers to women's economic participation require comprehensive, credible and updated sex-disaggregated data. Although efforts have been made to generate meaningful sex-disaggregated data to inform policy, there is a need for APEC economies to intensify work in this area to increase women's contribution to the economy.

PART 2: ANALYSIS OF WOMEN'S LABOUR FORCE PARTICIPATION IN THE APEC REGION

Women's labour participation is measured by the rate of female labour force participation (FLFP). FLFP is defined as the proportion of the female population aged 15–64 that is economically active, that is, either being employed or actively seeking employment. FLFP has in general been steady over time globally with an incrementally declining trend starting from the mid-2000s (Figure 2.1). The trend for APEC economies follows the global trend, averaging slightly higher than the world. This figure, however, hides considerable variation in participation across APEC economies (Figure 2.1). FLFP variations across APEC economies indicate the importance of a number of factors, which will be discussed further in Part 2B. The material in this part attempts to shed some light on these factors, especially those that could inhibit improvement in FLFP.

Figure 2.1. Female labour force participation (FLFP) in the APEC region (%)
Female labour participation in selected APEC economies, 2018 **Female labour participation in APEC, 1990–2018**



Note: Figure shows FLFP in the APEC region as the percentage of female population aged 15+.
 Source: World Bank's World Development Indicators (WDI); ILOSAT (Chinese Taipei data).

Research so far has documented evidence and knowledge about the determining factors behind the variation presented in these figures. This part aims to show those factors and examine the degree of importance of the determinants using a series of data and variables for APEC economies over two decades, with an objective to gauge key barriers affecting women's economic participation in APEC economies.

A. WOMEN'S LABOUR FORCE PARTICIPATION IN APEC ECONOMIES: ANALYTICAL FRAMEWORK AND EMPIRICS

Central to the analytical framework on FLFP is the decision by a woman to engage in economic activities, which theoretically depends on two factors: time allocation among activities and investment in human capital. The 'work-leisure' choice (Mincer 1962) and household production theory (Muth 1966; Ghez and Becker 1975) are the basis for the time allocation factor, as they theorise that there is an opportunity cost for women in choosing leisure time over work, or household activities (e.g., cooking, minding children, etc.) over work. Women will decide to work if their wage is larger than their valuation of this opportunity cost. Human capital theory postulates that an individual develops human capital over time through the accumulation of investment in education and training, with the objective of improving their career achievements (Becker 1975). These human capital investments increase productivity and enhance an individual's opportunity for career advancement and higher earnings. Thus, increased investment in women's education could lead to higher women's participation in the labour market.

There is vast empirical evidence for the positive relationship between education and FLFP, providing support for the human capital theory. For example, Klasen et al. (2020), who studied the determinants of FLFP in several economies including Viet Nam and Indonesia, using micro-level data from the early 2000s to the mid-2010s, reveal that education is one of the critical drivers behind women's participation. The same finding was documented in Chile by Contreras and Plaza (2010). Similarly, Che and Sundjo (2018) find that education has a positive and significant impact on FLFP. A study by Evans and Kelley (2008) also indicates that education increases women's participation and the number of working hours, at the same time.

Given robust findings about the positive relationship between education and FLFP, information underlying the relationship, however, is not always straightforward. The first observation is that the magnitude of the positive relationship seems to be stronger for higher levels of education, suggesting different marginal returns across varying levels of education (Hosney, 2016). Second, better skills and education increase the extent of the participation of women in the labour force, and a higher level of education also means longer working hours and higher hourly pay (Evan and Kelley, 2008).

While education is found to have a positive impact on FLFP, the literature has documented other socio and demographic factors that could explain the variation in FLFP across economies. One of these factors are the discriminatory practices prevailing in the job market that restrict the participation of women. In some cases, these practices have legal basis. For example, regulations prohibiting women accessing jobs with physical requirements or night shifts (World Bank 2019, Oglobin 1999 and Zveglis and Rodgers 2003). In other cases, cultural factors and social norms impose discrimination against women as they are pressured on taking more household activities (Contreras and Plaza 2010, Khadim and Akram 2013, Cerise et al. 2013), making it more difficult them to have access to better jobs. All these restrictions discriminating against women create a sub-optimal equilibrium in the labour market, reducing the marginal benefit for women to participate more in the labour force.

Also, the presence of children could affect women's participation in the labour force. Time spent to nurture children becomes a binding opportunity cost for women, taking away from time spent at work, and this is especially true if childcare arrangements are neither available

nor affordable. The presence of pre-schoolers has a negative and significant effective on women's participation in the labour market, as shown by studies in India (Sorsa et al. 2015), Indonesia (Widarti 1998) and New Zealand (Johnston 2005). Evans and Kelley (2008) add that the presence of young children also decreases work intensity. The low participation among young mothers indicates the difficulties in accessing childcare and flexible job arrangements, as well as prevailing issues such as lower-than-market-average wages.

Women may re-enter the job market as their children become older (Johnston 2005) and to ease household financial pressure as the number of dependents in the family increases. Some economies, such as New Zealand, acknowledges situations like these and addresses the challenges through the Employment Relations Amendment Act (2014), according any employee the right to request a flexible working arrangement, at any time.

Some studies looking at both the effect of education and the presence of children in women's labour force participation show that childcare could effectively reduce their participation, but higher educational levels could increase their chances to be part of the labour force (Maurer-Fazio et.al. 2011, Lee, Jang and Sarkar 2008).

Another factor affecting FLFP is the occupational status of male household heads. In Indonesia, women's labour force participation is negatively correlated to the male salaried employment (proxy to security of income), and the household head's educational level (Klasen et al. 2020). However, the correlation between women's labour force participation and the male household head is positively correlated in some places. In Australia, Evans and Kelley (2008) found that the husband's education and earnings have a positive impact on the wife's participation in the labour market. Furthermore, Australia has a joint retirement option for married couples. When a husband retires, it is very likely that his wife also retires from work.

B. WOMEN'S ECONOMIC PARTICIPATION IN APEC ECONOMIES: INSIGHTS FROM STATISTICS

This section analyses women's economic participation across APEC economies over the past two decades using descriptive statistics. The analysis attempts to shed some light on the key barriers toward achieving higher FLFP in APEC economies.

This study analyses selected indicators related to women's empowerment in the labour market within the APEC region, including the women-to-men labour force participation ratio, FLFP and women's educational attainment. It also analyses female employment in terms of the women-to-men employment ratio, as well as women's employment by age and industry, working hours by marital status, and by occupation. This study also investigates the situation of women as employers by examining the ratio of women-to-men employers, as well as the level of self-employment among women using the proxies of women-to-men own-account workers ratio and women-to-men contributing family members' ratio.

Based on Gender Statistics 2020 by the World Bank the ratio of women-to-men labour force participation has been steady in most APEC economies during the period 1990–2020, with average of 77.3 percent in 1990 and 77.4 percent in 2020 (Table 2.1). Within that, however, there are sharp differences, with some APEC economies experiencing a rapid increase in the ratio owed to women's improving educational attainment and the existence of a support system that enables women to balance family commitments with career aspirations, while a few have experienced a decreasing trend. In Asia, cultural norms and perspectives on traditional gender

roles are still the main issue. Moreover, the ageing population and changes in birth policies⁶ may also affect FLFP (Li et al. 2019).

Table 2.1. Women-to-men labour force participation in APEC (%)

Economies	1990	1995	2000	2005	2010	2015	2020
<i>APEC (aggregate)</i>	77.3	77.8	78.4	77.8	77.6	77.5	77.4
Australia	69.1	72.6	75.5	79.0	81.0	83.0	84.9
Brunei Darussalam	56.2	62.4	69.9	72.4	75.6	79.3	81.7
Canada	76.2	78.6	81.3	83.9	86.6	86.3	87.5
Chile	44.6	46.9	50.6	55.8	62.8	67.0	69.1
China	86.3	85.7	85.4	83.7	81.9	81.4	80.1
Hong Kong, China	59.7	61.8	67.4	72.8	75.5	79.2	79.8
Indonesia	54.1	59.4	61.1	55.2	61.7	61.6	64.1
Japan	64.8	64.2	64.3	65.8	67.6	70.5	73.2
Korea	64.1	64.2	66.2	68.1	68.6	71.0	71.8
Malaysia	57.7	57.4	57.1	56.8	57.1	65.0	66.0
Mexico	39.7	45.3	47.1	50.7	53.9	55.4	55.9
New Zealand	71.9	74.6	77.4	80.4	82.6	84.8	85.4
Papua New Guinea	95.4	97.0	96.1	95.4	95.6	96.9	95.9
Peru	58.6	64.2	68.3	78.6	83.5	80.8	82.9
The Philippines	61.3	61.6	61.7	62.3	63.8	64.6	62.2
Russia	77.9	75.8	79.1	81.4	79.5	78.0	77.8
Singapore	60.2	64.1	66.0	68.7	73.9	78.6	79.4
Chinese Taipei	60.2	62.9	66.3	71.2	75.0	75.8	76.3
Thailand	79.4	79.9	80.9	80.7	79.8	78.4	77.8
United States	74.7	77.9	79.5	80.7	82.2	81.6	82.1
Viet Nam	88.7	88.7	88.7	88.7	87.7	87.9	88.2

Note: For Chinese Taipei, earlier and latest available data are from 1991 and 2018. The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

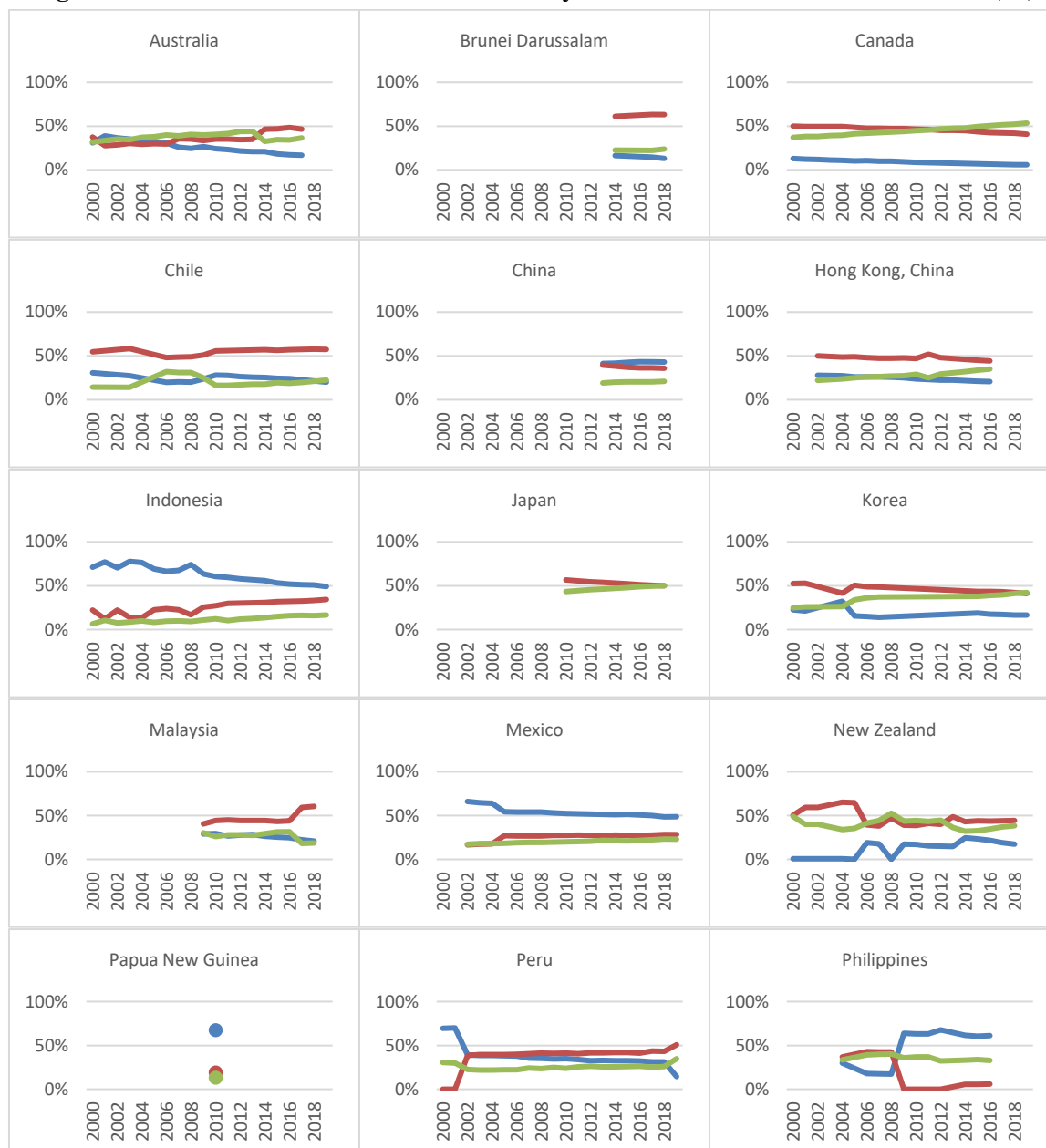
Source: Gender Statistics, World Bank 2020; DGBAS 2020 (Chinese Taipei data)

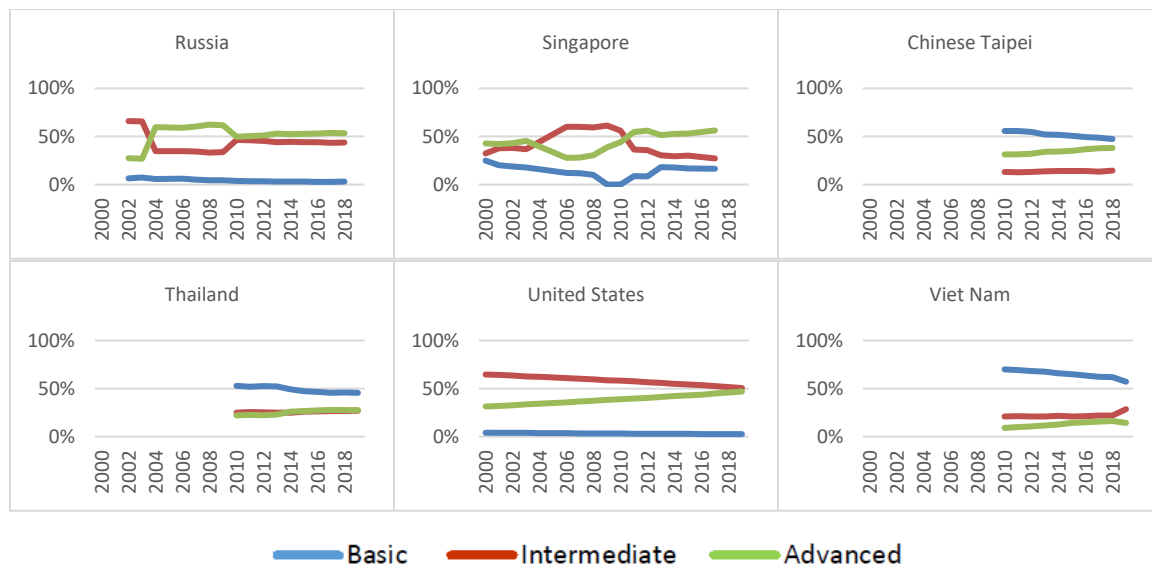
Many studies have found that higher educational attainment increases the probability of women participating in the labour market (Contreras and Plaza 2010; Hosney 2016). Figure 2.2 shows women's educational attainment by level in various APEC economies for the last three decades. Figure 2.3 shows a positive correlation between education level and FLFP. The correlation is marked in some APEC economies, such as Canada and Singapore. However, Japan has a lower ratio of women-to-men labour force participation than APEC economies on average (Table 2.1). Brinton (2015) posits that Japan faces the twin phenomena of low birth rate and low FLFP. One of the possible reasons is the 'motherhood penalty'. FLFP in Japan has an M-shaped pattern. The participation rate is high just after degree attainment, with a decline during marriage and the early childrearing years, eventually giving way to a rebound when the children are older (Shambaugh, Nunn and Portman 2017).

⁶ China's one-child policy has been replaced by a universal two-child policy in October 2015.

The positive relationship between FLFP and women's educational attainment seems to be true across all levels of education, whether primary, secondary or tertiary (Figure 2.4). Deeper examination of the scatter plots in Figure 2.4 further suggests that the impact of education on women's economic participation is stronger for higher levels of education.

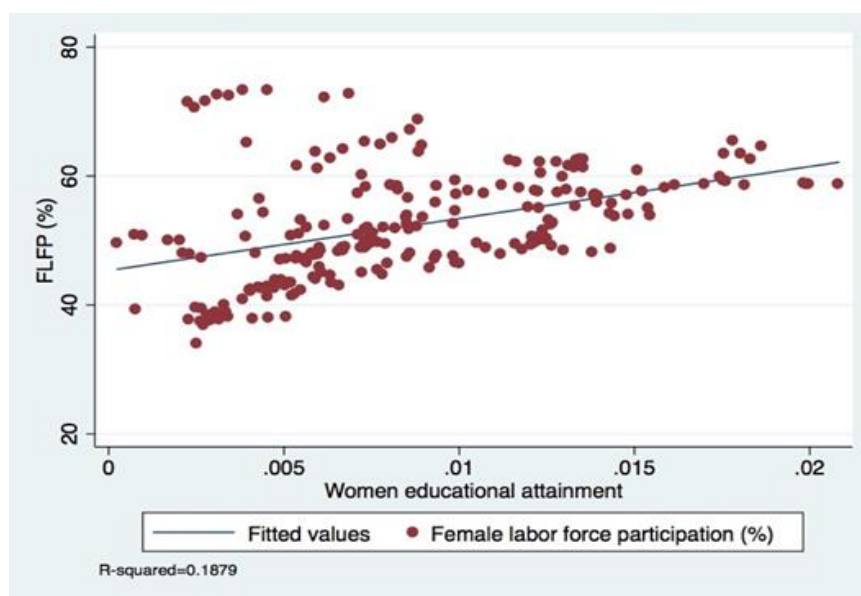
Figure 2.2. Women's educational attainment by education level in APEC economies (%)



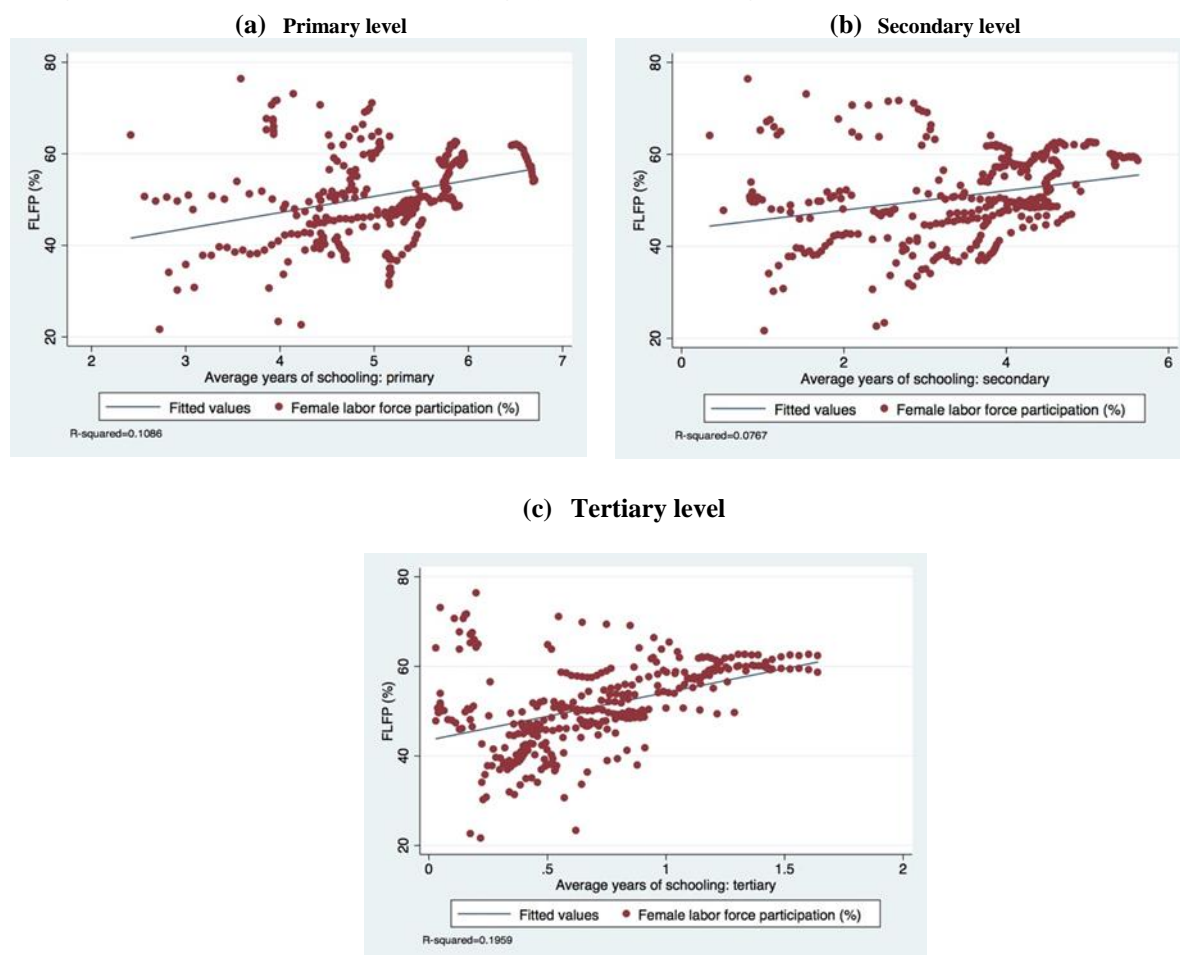


Source: ILO 2020a; Ministry of Education (China data); DGBAS (Chinese Taipei data)

Figure 2.3. FLFP and women's educational attainment in APEC economies, 1990–2018



Source: ILOSTAT; World Bank; UNESCO Institute for Statistics, compiled by authors.

Figure 2.4. FLFP and women's average years of schooling in APEC economies, 1990–2010

Source: ILOSTAT; Barro-Lee Educational Attainment Dataset, compiled by authors

Meanwhile, trends in the women-to-men employment ratio reveal a steady increase among APEC economies, from an average of 65.6 percent in 1990 to 78.9 percent in 2020 (Table 2.2). However, the proportion of female employment is still lower than that of male employment.

Some APEC economies – Brunei Darussalam; Chile; Mexico; Peru; and Singapore – recorded a rapid increase of more than 40 percent for the period 1990–2020; while economies such as Australia; Canada; Russia; the United States; and Viet Nam have women-to-men employment ratios that are higher than the APEC average during the same period.

Interestingly, the women-to-men employment ratio in Papua New Guinea is relatively high. Nearly 90 percent of Papua New Guinea's population live in rural areas, and it is worth noting that female labour in Papua New Guinea is concentrated in rural, informal and subsistence work. The economy's National Agriculture Development Plan recognises the important role of women in the agriculture sector; women produce over 80 percent of Papua New Guinea's food and undertake 60 to 70 percent of work in crop production. In addition, women in Papua New Guinea also make a significant contribution to fishing yields through informal labour (ILO 2013).

Table 2.2 Women-to-men employment ratio in APEC economies (%)

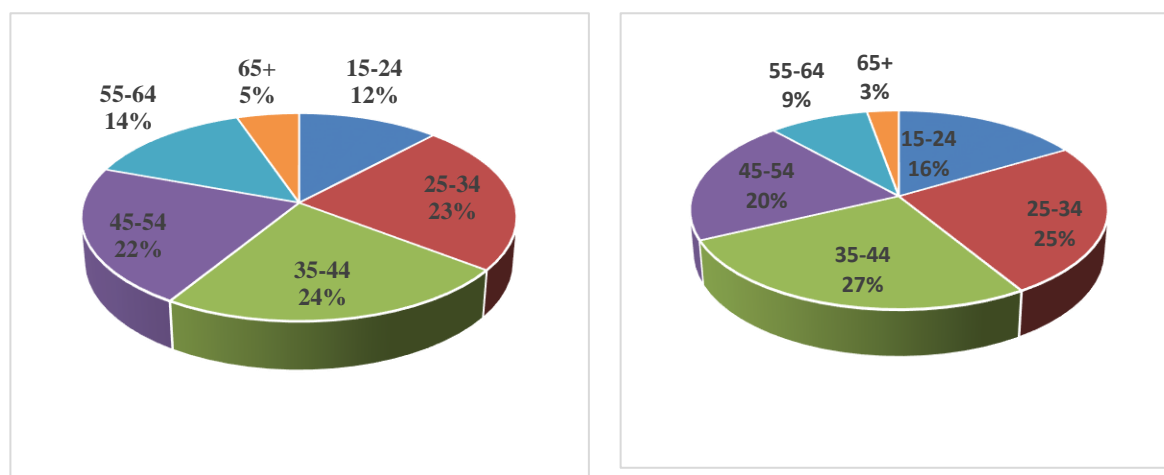
Economies	1990	1995	2000	2005	2010	2015	2020
<i>APEC Average</i>	65.6	68.2	70.7	73.1	75.5	77.4	78.9
Australia	69.9	73.9	77.5	81.0	83.0	85.1	87.6
Brunei Darussalam	49.7	56.0	64.3	68.7	73.4	78.7	82.1
Canada	77.7	80.7	83.7	86.6	89.4	89.1	90.8
Chile	41.2	46.0	50.0	55.5	62.5	67.1	70.8
China	81.6	82.5	83.7	82.3	81.0	81.3	81.0
Hong Kong, China	58.6	60.5	65.7	71.3	73.3	77.6	79.2
Indonesia	53.3	58.8	61.1	55.4	61.9	61.6	64.9
Japan	66.8	66.8	68.0	70.8	73.4	76.6	81.0
Korea	65.1	65.5	68.3	70.0	70.4	73.2	75.6
Malaysia	53.8	53.9	54.0	54.0	54.3	62.6	63.8
Mexico	37.4	43.2	45.2	49.1	52.6	54.3	55.5
New Zealand	73.8	76.2	78.8	81.8	83.7	85.9	87.6
Papua New Guinea	94.0	95.3	94.6	94.3	94.9	96.1	95.5
Peru	53.9	60.5	65.4	77.7	82.8	80.2	83.0
The Philippines	61.3	61.8	62.0	63.0	64.8	66.3	64.0
Russia	84.4	81.8	83.7	86.0	84.5	83.9	84.7
Singapore	56.7	62.0	65.2	68.2	73.9	79.4	80.5
Chinese Taipei	57.1	59.7	63.6	69.4	74.6	76.2	77.8
Thailand	75.9	77.6	79.0	78.3	78.6	78.0	78.1
United States	77.4	81.0	82.6	83.4	84.7	84.2	85.1
Viet Nam	88.2	88.6	88.9	89.2	88.5	88.6	89.1

Note: The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

Source: ILO 2020a; DGBAS (Chinese Taipei data).

A closer look at employment by age shows that most of the employed women in APEC economies were in the 35–44 age category (24%) and the 25–34 age category (23%) as of 2019. In 2000, women's employment was dominated by workers aged 25–44 years old (Figure 2.5), but the proportion of employed women aged 35–44 years was higher (27%). In addition, there was an increase in the proportion of employed women in the 65 and above age group, from 3 percent to 5 percent during the same period. Japan's proportion of working women aged 65 and older at 12.1 percent in 2019 was the highest among APEC economies (ILO 2020a). Meanwhile, Brunei Darussalam; Peru; Chinese Taipei; and Viet Nam had higher proportions of working women in the 25–34 age category.

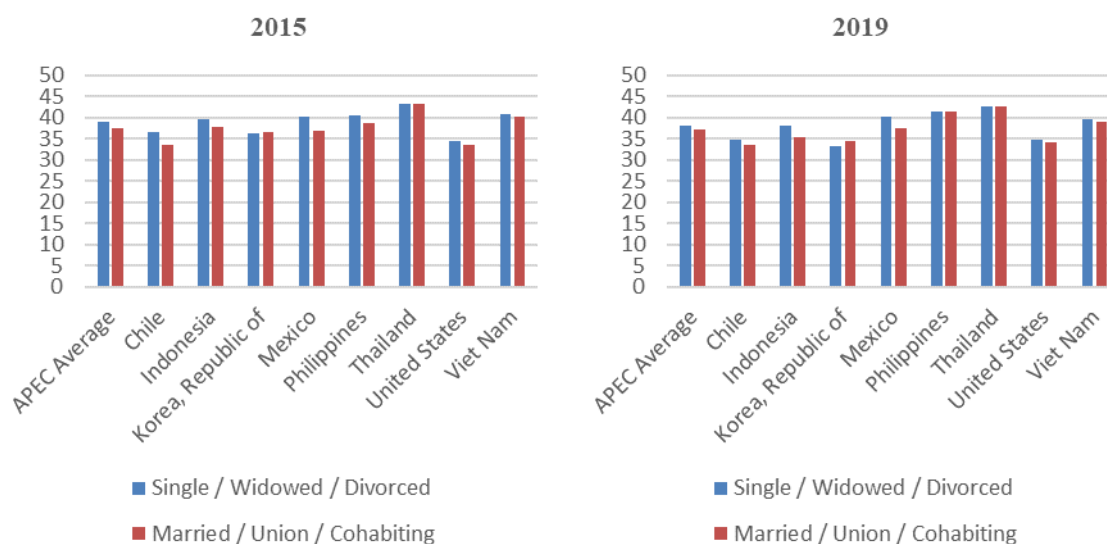
Figure 2.5. Female employment by age in APEC
2019 2000



Source: ILO 2020a.

This study also examines women's employment by marital status. Marital status may decrease women's labour force participation due to women taking on the larger share of family responsibilities. This is confirmed by data on women's working hours per week by marital status (Figure 2.6), which reveal that married women tend to record fewer working hours than single women, with Thailand as the exception.

Figure 2.6. Women's working hours per week by marital status in selected APEC economies (%)



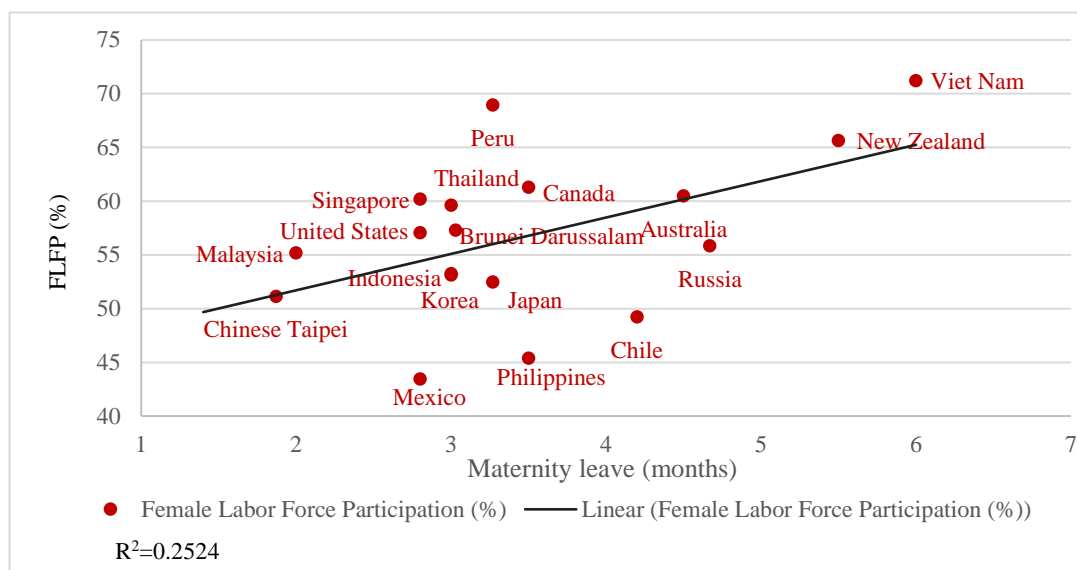
Note: Graphs show mean of hours worked by marital status of female workers.

Source: ILO 2020a.

With respect to child-bearing as a factor in women's employment, maternity leave can be considered a form of support provided to women for their participation in economic activities as it can guarantee their ability to return to their job after a certain period of time. Therefore, the availability of maternity leave could be expected to reduce the negative impact of women having children on their participation in employment. This hypothesis seems to be supported by the pattern shown in Figure 2.7, which suggests a positive relationship between maternity

leave and FLFP. Figure 2.7 also reveals that length of maternity leave varies significantly across APEC economies, being on average longer in developed economies.

Figure 2.7. FLFP and maternity leave in APEC economies, as of 2020



Source: World Bank 2020; ILOSTAT, compiled by authors.

In terms of female employment by industry, data show that the service sectors have been absorbing most of the female employment in the majority of APEC economies (see Table 2.3). There has been a significant increase of the proportion of women employed in services in the APEC region as a whole, from 47.5 percent in 2000 to 64.2 percent in 2020. In contrast, the proportion of women in the agriculture sector decreased from 32.0 percent in 2000 to 16.4 percent in 2020. Meanwhile, the proportion of women working in manufacturing decreased from 20.6 percent in 2000 to 19.4 percent in 2020. This is in line with the economic transformation from agriculture to services that APEC economies have been experiencing. Ngai and Petrongolo (2014) argue that the rise of services, driven by structural transformation and marketisation of home production, acts as a gender-biased demand shift that has resulted in raising women's relative wages and market hours, and thus, increasing women's employment in the services sector.

In Australia, women have overtaken the job market, with over 182,000 new jobs taken by women compared to less than 130,000 jobs by men from January to August 2019. This is a significant acceleration in female job creation compared to the previous five years. In addition, out of the five fastest-growing industries, women dominate in four, namely, administration and support, health and social care, education, accommodation and food services; while men are still dominant in construction (Keane 2019).

Meanwhile, according to the U.S. Bureau of Labour Statistics, women held more jobs than men in the US, occupying 50.04 percent of positions in December 2019; specifically, there were 109,000 more women working than men. This is because sectors that employ more women (e.g. education and healthcare) are growing, whereas jobs historically associated with men (e.g. mining and manufacturing) have declined. In addition, women in the United States are also highly represented in government service jobs at 58 percent, as well as in financial-related roles, at around 56 percent (Kelly 2020).

In contrast to most APEC economies, over half of women in Papua New Guinea work in agriculture. As noted earlier, women play key roles in in the production of food. Specifically, they engage in crop production for family consumption and the rearing of small livestock (JICA 2010).

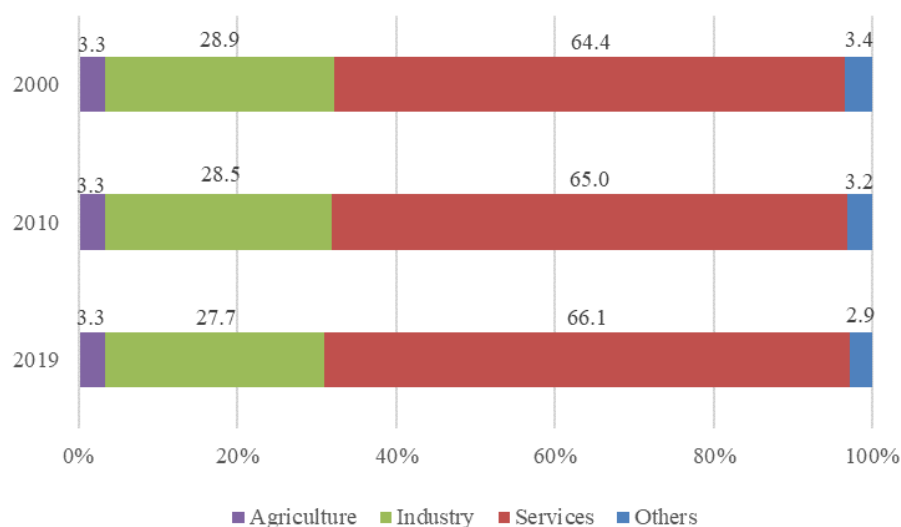
Table 2.3. Female employment by industry in APEC (%)

Economy	2000			2010			2020		
	Agriculture	Manufacture	Services	Agriculture	Manufacture	Services	Agriculture	Manufacture	Services
APEC Aggregate	32.0	20.6	47.5	24.1	20.7	55.2	16.4	19.4	64.2
Australia	3.4	10.2	86.3	2.3	8.6	89.1	1.6	8.0	90.4
Brunei Darussalam	1.0	9.9	89.1	0.6	10.5	89.0	0.5	8.9	90.6
Canada	1.7	11.5	86.9	1.1	8.5	90.3	0.9	8.3	90.8
Chile	4.7	12.4	83.0	5.1	10.3	84.6	4.8	9.9	85.4
China	45.7	24.6	29.7	33.5	27.9	38.5	22.1	25.1	52.8
Hong Kong, China	0.2	10.4	89.4	0.2	4.8	95.0	0.1	3.9	96.0
Indonesia	46.7	15.0	38.3	38.4	14.9	46.7	25.5	17.1	57.4
Japan	5.6	21.6	72.9	3.9	14.8	81.3	2.9	13.8	83.3
Korea	12.3	19.1	68.7	6.9	14.4	78.8	4.5	13.2	82.3
Malaysia	14.1	28.9	57.0	8.9	20.5	70.7	6.1	19.0	74.9
Mexico	6.6	22.1	71.3	3.9	16.3	79.8	3.4	17.6	79.0
New Zealand	5.8	12.3	81.9	4.3	9.7	86.0	3.6	9.0	87.5
Papua New Guinea	77.5	1.5	21.0	69.6	1.9	28.5	59.8	2.7	37.5
Peru	31.4	9.4	59.2	26.6	10.1	63.3	25.7	8.5	65.9
The Philippines	24.0	13.1	62.9	21.5	10.5	68.0	13.2	9.8	77.0
Russia	11.7	22.3	66.0	5.6	17.7	76.8	3.8	15.5	80.8
Singapore	0.5	23.0	76.5	0.4	15.2	84.3	0.3	10.4	89.3
Chinese Taipei	5.4	30.2	64.4	3.7	26.9	69.4	2.8	25.6	71.6
Thailand	47.6	17.3	35.1	36.1	18.2	45.7	28.2	19.6	52.2
United States	0.9	12.7	86.4	0.7	8.5	90.8	0.7	8.6	90.7
Viet Nam	66.3	10.1	23.6	51.2	17.3	31.6	37.5	23.7	38.8

Note: The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

Source: ILO 2020a.

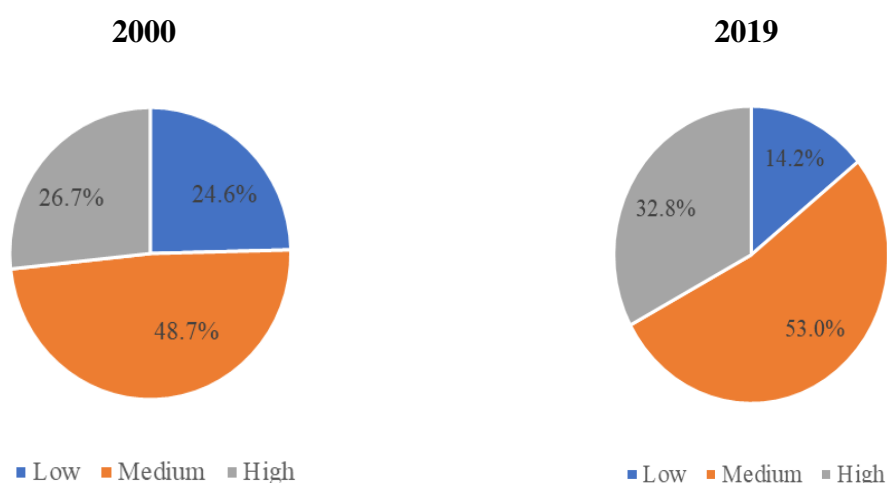
Figure 2.8 presents the participation of the main economic sectors in APEC's GDP. While women's participation in economic activities has been adjusting to the economic transformation occurring in the APEC region, their participation is underrepresented in some areas. For example, manufacturing industries represents 27.7 percent of the GDP in the APEC region, but only 19.4 percent of the employed women in APEC work in this sector. The proportion of women in the services sector is 64.2 percent even as this sector accounts for 66.1 percent of APEC's GDP. In contrast, women are overrepresented in agriculture, which only represents 3.3 percent of the GDP, but 16.4 percent of the employed women work in agriculture in APEC.

Figure 2.8. Value added in the APEC region by sector (% of GDP)

Note: Others refer to financial intermediary services indirectly measured and net indirect taxes.

Source: World Bank, WDI.

While women have decreased their participation in low-skilled occupations and increased their engagement in those occupations requiring medium and high skills in the last two decades, they are still very vulnerable in the labor market. By 2018, 53 percent of female workers were employed in medium-skilled jobs and 14.2 percent in low-skilled ones (Figure 2.9). These types of occupations are those that may be mostly vulnerable, as they could involve tasks with repetitive features, increasing the chances of job automation with the advent of advanced technologies.

Figure 2.9. Female employment participation by skill level (%)

Note: Information not available for Brunei Darussalam; China; New Zealand; Papua New Guinea; and Chinese Taipei.

Source: ILO 2020a.

By occupation, female legislators, senior officials and managers spend more working hours (43.6 hours per week) than female workers in other occupations in APEC economies on

average in 2015; whereas skilled female agricultural and fishery workers spend the shortest working hours or 24.8 hours per week (Table 2.4). In some APEC economies, the differences are striking. This is in line with Lee, McCann and Messenger (2007), who find that hours of work in the services sector are often longer than in other industries or occupations. Moreover, ILO found that working hours in services are on average substantially shorter in developed economies than in developing economies. Compared to men, women have recorded fewer working hours in most occupations in the APEC region. One of the possible reasons is about domestic care responsibilities.

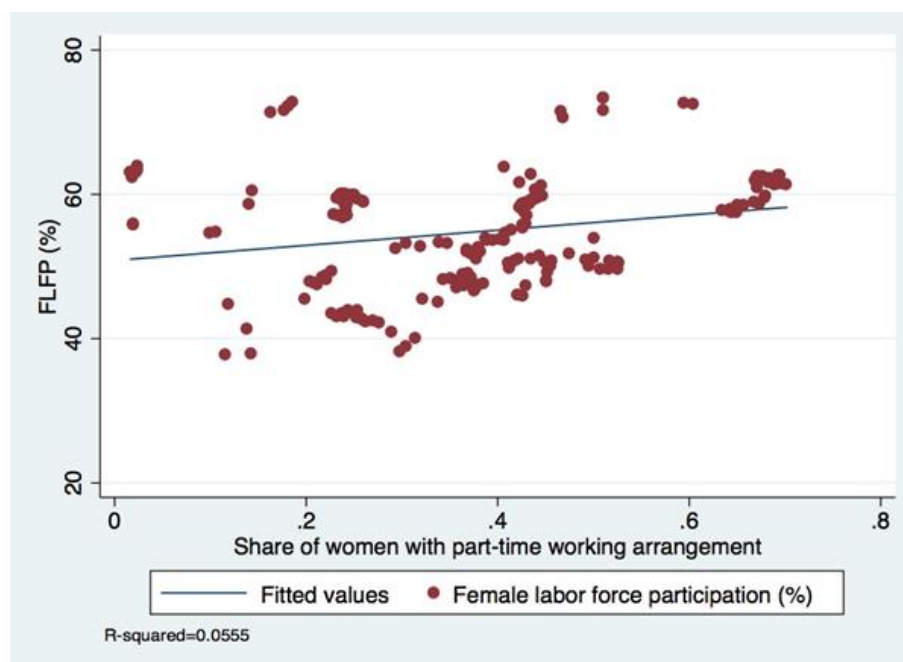
Table 2.4. Average working hours for women and men by occupation in selected APEC economies in 2015 (%)

Occupation	APEC Average		Chile		Indonesia		Peru		The Philippines		Russia	
	M	W	M	W	M	W	M	W	M	W	M	W
Legislators, senior officials and managers	43.4	43.6	46.8	40.8	43.8	42.1	41.8	44.1	44.4	53.0	40.3	38.0
Professionals	37.9	34.2	39.0	33.0	36.2	32.3	35.1	31.2	40.3	38.7	39.0	36.0
Technicians and associate professionals	41.3	37.7	40.5	36.0	43.4	39.2	43.4	39.6	40.0	37.1	39.4	36.6
Clerks	42.1	40.4	41.3	37.2	42.5	41.8	44.0	41.7	43.7	44.1	39.3	37.2
Service workers and shop and market sales workers	45.2	42.0	43.8	37.5	47.9	46.7	46.7	44.4	47.0	43.5	40.3	38.0
Skilled agricultural and fishery workers	32.2	24.8	37.1	28.5	31.6	25.4	32.7	24.7	31.2	21.0	28.3	24.2
Craft and related trades workers	42.5	33.8	40.0	25.3	44.8	35.4	45.0	30.8	42.9	40.3	39.8	37.4
Plant and machine operators and assemblers	46.2	39.6	44.2	35.2	46.7	43.7	50.6	33.4	49.0	47.4	40.3	38.1
Elementary occupations	39.8	34.5	39.5	31.2	43.3	39.3	38.8	29.7	38.0	35.3	39.4	37.1

M=Men; W=Women.

Source: ILO 2020a.

Figure 2.10. FLFP and women with part-time working arrangement in APEC economies, 1990–2018



Note: Part-time worker is defined as an employed person whose normal hours of work are fewer than those of comparable full-time workers. The indicator used here sets the threshold at 30 hours.

Source: ILOSTAT, compiled by authors.

Women's participation in the labour force may also increase with the availability of flexible working arrangements, typically in the form of part-time working arrangements, allowing women to be flexible in managing their career and family responsibilities. In APEC economies, there is a positive relationship between FLFP and women working on a part-time basis (Figure 2.10).

Turning to employers, the average ratio of women-to-men employers in APEC economies has increased; but remains relatively low at less than 40 percent during the period 1991–2020 (Table 2.5). Only one APEC economy, the United States, experienced a ratio of women-to-men employers greater than 50 percent. This suggests that, in the APEC region, the barriers for women as employers are still relatively high, with cultural norms being one of the main factors, giving rise to discrimination that affects women's capacity to manage and expand businesses.⁷

Table 2.5. Women-to-men employers' ratio in APEC economies (%)

Economy	1991	1995	2000	2005	2010	2015	2020
<i>APEC Average</i>	23.2	25.7	30.2	30.9	32.8	34.4	34.9
Australia	43.2	45.7	44.6	46.9	45.6	47.4	44.3
Brunei Darussalam	18.2	22.0	28.8	31.5	34.3	39.0	43.8
Canada	26.0	28.4	36.8	35.9	34.2	37.0	38.4
Chile	20.9	23.0	30.6	26.9	31.3	31.7	32.7
China	18.2	19.8	21.8	24.2	26.8	29.6	31.8
Hong Kong, China	11.9	14.6	16.6	22.3	25.7	28.5	26.3
Indonesia	21.5	24.1	25.9	16.0	21.1	24.6	27.0
Japan	28.4	26.6	24.0	21.2	21.0	20.9	21.4
Korea	18.3	21.2	21.1	24.5	27.0	30.4	35.3

⁷ IER submissions by APEC economies.

Malaysia	11.3	11.9	11.2	16.9	17.2	19.1	19.9
Mexico	9.0	11.7	17.7	18.4	22.3	24.7	25.4
New Zealand	36.5	41.4	40.8	43.9	41.0	49.2	46.9
Papua New Guinea	35.1	33.3	35.5	37.5	38.7	39.3	39.3
Peru	18.1	20.9	23.3	32.5	34.9	37.7	39.2
The Philippines	26.6	27.9	25.7	26.4	30.5	31.6	37.3
Russia	18.2	24.0	57.4	58.6	56.1	48.2	47.0
Singapore	16.8	19.0	18.8	26.4	29.3	33.6	33.2
Chinese Taipei	12.4	14.8	16.7	20.2	22.9	22.8	25.2
Thailand	21.3	24.4	31.5	28.6	33.7	32.2	31.4
United States	42.2	50.5	52.6	49.1	50.4	50.9	51.5
Viet Nam	33.5	34.0	52.5	41.4	44.4	44.5	36.1

Note: The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

Source: ILO 2020a.

With regard to the self-employed, the women-to-men own-account workers ratio in APEC economies increased on average, from 40.9 percent in 1991 to 63.3 percent in 2020 (Table 2.6). The ratio in some economies is relatively low, possibly due to the fact that employees earn much higher wages than those who are self-employed (Fields 2007). In some economies, laws or regulations that discriminate against women still persist, making it difficult for self-employed women to enter into contracts or obtain credit (ADB 2006).

The women-to-men own-account workers ratio is relatively high in a few APEC economies, such as Viet Nam, at over 98 percent in 2020 (Table 2.6). Vietnamese women owned 95,906 formal enterprises or around 21 percent of total formal enterprises in 2017 (IFC 2017). Most of those, 42 percent, are microenterprises while large enterprises comprised only 1 percent. Moreover, women and men share a similar size of own businesses and similar revenues.⁸ Do and Duchêne (2007) investigated the factors determining the decision of workers to be self-employed in Viet Nam; some determinants for women were predicted income differential, educational attainment, age, marital status and the number of children in the family.

Table 2.6. Women-to-men own-account workers ratio in APEC economies (%)

Economy	1991	1995	2000	2005	2010	2015	2020
APEC Average	40.9	44.8	48.0	51.3	56.3	60.3	63.3
Australia	45.7	45.5	43.9	47.1	48.7	52.3	54.5
Brunei Darussalam	33.1	40.4	53.4	59.9	65.4	74.5	84.2
Canada	55.1	64.6	62.4	61.3	63.3	69.1	71.3
Chile	33.1	35.7	35.6	42.1	61.7	73.0	70.4
China	52.4	53.7	55.8	58.0	59.5	62.0	63.3
Hong Kong, China	14.7	18.9	21.6	29.4	32.1	40.4	48.3
Indonesia	30.1	35.8	36.4	31.3	41.6	48.5	60.8
Japan	52.3	49.4	44.9	40.2	40.0	37.1	40.7
Korea	44.0	46.4	45.5	46.8	44.2	42.1	43.4
Malaysia	34.6	35.1	32.0	32.3	32.6	58.5	59.5
Mexico	30.5	39.4	42.0	50.3	59.9	61.8	61.2
New Zealand	41.7	45.5	45.6	49.4	49.9	56.6	66.2
Papua New Guinea	68.6	72.8	69.7	69.2	72.9	78.6	78.0
Peru	49.1	55.8	62.2	73.2	86.8	80.3	81.1
The Philippines	53.7	53.8	54.6	54.6	57.3	63.6	71.4
Russia	47.8	53.7	87.5	86.0	80.9	78.6	74.8
Singapore	22.1	22.5	28.7	33.1	35.0	35.9	37.7

⁸ The average annual revenue for women-owned small-sized enterprises was USD 548,000; the comparable figure for men was USD 543,000. For medium-sized enterprises, the revenue level was slightly higher for men (USD 5.76 million) than for women (USD 5.76 million).

Chinese Taipei	19.8	22.7	25.6	29.6	32.6	32.7	33.3
Thailand	36.8	41.4	43.2	55.9	61.2	63.6	64.5
United States	52.6	62.8	65.8	62.0	64.0	65.3	66.7
Viet Nam	41.3	45.1	50.7	65.3	91.9	91.4	98.1

Note: Own-account workers are defined as those who are working on their own account or with one or more partners, hold the types of jobs defined as 'self-employment jobs; and are not engaging on a continuous basis any employees to work for them. The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

Source: ILO 2020a.

Finally, the average ratio of women-to-men 'contributing family workers' in APEC economies was significantly high at more than 200 percent (Table 2.7), which implies that the number of female 'contributing family workers' was more than double that of men. The APEC average in 1991 was 247.5 percent, decreasing slightly to 216.5 percent in 2020. Specifically, Papua New Guinea; Peru; and Viet Nam have sizeable agricultural sectors and employment-to-population ratios that are higher, because a large share of women in traditional societies are often counted as employed in the category of contributing family workers (ILO 2019b). Meanwhile, ratios for Hong Kong, China; Korea; and Japan were even higher at more than 300 percent, possibly due to cultural norms.⁹

Table 2.7. Women-to-men contributing family workers ratio in selected APEC economies (%)

Economy	1991	1995	2000	2005	2010	2015	2020
APEC Average	247.5	258.1	252.6	239.5	225.9	226.0	216.6
Australia	130.8	150.0	147.8	147.3	116.3	119.9	120.7
Brunei Darussalam	80.1	94.3	124.5	135.9	144.8	122.2	70.7
Canada	382.3	289.0	216.1	156.0	185.4	149.4	143.2
Chile	90.3	97.1	124.5	131.3	151.4	197.3	171.8
China	231.9	234.0	241.0	233.8	224.9	220.9	207.5
Hong Kong, China	695.5	899.5	743.4	555.9	629.8	516.1	548.4
Indonesia	237.5	261.3	280.4	261.4	247.7	300.6	262.1
Japan	458.9	462.3	435.3	398.2	450.6	435.3	374.8
Korea	630.7	833.0	673.8	762.2	580.8	651.5	662.4
Malaysia	231.7	221.8	231.5	200.0	165.6	231.5	194.5
Mexico	65.5	86.7	102.4	115.7	114.0	118.9	129.4
New Zealand	190.2	181.4	210.1	191.8	155.4	132.4	127.9
Papua New Guinea	206.9	204.6	211.4	210.7	206.5	205.3	207.6
Peru	151.0	173.3	189.4	232.2	240.5	256.4	263.6
The Philippines	111.3	111.5	110.4	121.9	121.4	126.4	138.3
Russia	55.8	104.2	65.9	66.9	75.4	97.6	110.4
Singapore	301.1	150.6	305.2	239.6	150.8	126.5	117.9
Chinese Taipei	248.5	258.7	291.0	298.2	293.5	224.3	210.8
Thailand	171.2	205.2	206.3	192.3	173.5	172.9	160.3
United States	319.4	205.6	160.0	157.9	132.0	154.6	127.4
Viet Nam	206.0	196.6	234.3	220.2	183.5	186.0	197.6

Note: Contributing family workers are those workers who hold 'self-employment jobs' as own-account workers in a market-oriented establishment operated by a related person living in the same household. The data used are based on ILO modelled estimates. Details on the ILO's methodology can be found in <http://ilostat.ilo.org/about/data-collection-and-production/>

Source: ILO 2020a.

⁹ IER submissions from respective economies.

C. BARRIERS TO WOMEN'S ECONOMIC PARTICIPATION

This section addresses barriers to women's economic participation **based on the IER submissions** for the APEC Economy Policy Report 2020 and previous studies. Some of the main barriers identified by APEC economies are:

- **Cultural norms and domestic care responsibilities**

Cultural views could give rise to discrimination that affects women's capacity to manage and expand businesses, including investment-ready businesses, women's participation in politics and managerial positions, and participation in higher education, including STEM programmes. For example, most female business owners in Indonesia still ask for their husbands' approval before starting a business and regard their primary role to be wives and mothers rather than businesswomen (Asia Foundation 2013). Such mindsets lead to certain occupations being perceived as men-related and others women-related. Male-dominated industries and occupations are particularly vulnerable to reinforcing masculine stereotypes and make it even more difficult for women to excel.

- **Support for work–life balance**

To optimise women's role in the economy, women and men can benefit from support to maintain work–life balance, such as flexible working hours or remote work, and childcare facilities and subsidies. Unfortunately, this is lacking in most APEC economies, even for those leading in terms of women's empowerment. The COVID-19 pandemic has resulted in most economies implementing a work from home policy in order to prevent the spread of the virus. Should this lead to a more permanent shift in practices and make remote work more common, it could help keep women in the workforce and increase their participation in the economy. However, such gains could be wiped off if women are still disproportionately responsible for household work.

- **Gender pay gap**

This issue persists in most APEC economies. The gender pay gap is an internationally established measure of women's remunerations in the economy in comparison to men. It is affected by factors such as: (1) conscious and unconscious discrimination in hiring and pay decisions; (2) women and men working in different industries and different jobs, with female-dominated industries and jobs attracting lower wages; (3) lack of workplace flexibility to accommodate caring and other responsibilities, especially in senior roles; (4) high rates of part-time work for women; and, (5) women's disproportionate share of unpaid care and domestic work, which affects career progression.

Closing the gender pay gap goes beyond just ensuring equal pay. It requires cultural change to remove barriers to the full and equal participation of women in the workforce, including the genuinely equal opportunity to access the same career or work as men in all occupations, industries and levels of seniority (WGEA n.d.-b). Closing the gender pay gap also requires broader cultural recognition of the barriers faced by women in the workplace. In Canada, only 55 per cent of men agreed that there are significant obstacles that make it harder for women to get ahead, compared to 72 per cent of women (Statistics Canada, 2018). This issue will be elaborated further in Parts 3 and 4.

- **Regulations and legal barriers**

Some economies may create regulations or legal frameworks that can be disadvantageous for women. For example, Article 203 of the Chilean Labour Code creates an adverse incentive for companies to cap the number of women employees at under 20.¹⁰ ADB (2006) identifies laws and policies that clearly discriminate between women and men:

- inheritance laws and customs that provide different shares of family property to male and female relatives, or that allocate family land only to male heirs
- laws that set different institutional requirements for women and men (e.g., to establish citizenship, obtain a divorce, give evidence in court, or establish that a crime has occurred)
- laws or procedures that permit women to enter into contracts, obtain credit, seek employment, migrate or take other actions only with their husband's or a male relative's consent
- wage regulations that provide for different wage rates for men and women, or which are gender-biased in the way they value work
- laws that restrict the access of women to certain occupations
- laws that provide for the payment of allowances, such as family allowances, only to male workers or to the head of the household, which is defined as a male household member.

- **Economic conditions**

Unfavourable economic conditions or changes in the economic structure may affect women's participation in the labour force. In China, economic restructuring involving a move from low-end services will affect the apparel and commodities markets, with adverse impacts on less-skilled women. In Canada, women have experienced more layoffs as a result of COVID-19 and a larger reduction in hours worked, with fewer able to get back to work as the economy began to recover in May. Certain sectors like manufacturing and construction work, which account for a greater proportion of men employed, have seen employment rebounding, while other sectors like accommodation and food services, which employs a large number of women and immigrants, are still slowed down because of public health measures and low levels of demand. In Indonesia, the changing economic structure is affecting women's participation in the labour force: the female-friendly agricultural sector is on a declining trend as the population moves from rural to urban areas (AIPEG 2017).

- **Other barriers**

Women may also be affected by the combined and multiplying effects of several forms of discrimination because of their race, ethnicity, gender and sexuality. Among the most affected by these intersections are indigenous groups, women in rural areas, women with disabilities and immigrant women.

The barriers described by APEC economies in their IERs are very similar those identified by studies released by ILO (2017) and UN Women (n.d.-c). The UN Women study notes that some of the barriers affecting women are not just in the labour market, but also at the family and community levels, as men could get more support than women in their education and professional career. In this sense, the restrictions that women are facing are a combination of cultural mindsets and stereotypes compounded by legal barriers.

¹⁰ It is worth noting that, in Chile, a bill is currently pending before Congress, seeking to provide universal daycare/childcare services to encourage women to participate in the labour force.

PART 3: POLICY INITIATIVES AND PROGRAMMES ADDRESSING WOMEN'S ECONOMIC EMPOWERMENT

This part presents and assesses policy initiatives and programmes to improve women's economic participation and security. It examines policies that seek to enhance the positive impact of structural reforms and mitigate potential negative outcomes in the following areas:

- Women's access to education, training and skills development, including upskilling for higher-wage, high-growth future careers, such as STEM, digital and green jobs (in sustainable sectors)
- Women's access to credit, including access to financial services and products
- Women's return to work after maternity leave and access to care leave, including parental leave, subsidised childcare, eldercare, and long-term care leave
- Discriminatory employment practices and restrictions on women's employment and representation, including business ownership and leadership positions
- Women's freedom from violence and freedom of movement, including travelling safely to and from work.

Empowering women to participate fully in economic life is essential to building strong economies, establishing fair societies, and supporting international commitments such as the 2030 Sustainable Development Goals. This is supported by empirical evidence from an ILO (2019b) survey of almost 13,000 companies in 70 economies, which shows that women's participation in business and management is crucial to business sustainability.

The ILO (2019b) survey explores the business case for gender diversity in the workplace, particularly women's representation at the management and board levels, and further evaluates the success of various inclusion initiatives. The survey shows that gender diversity has been considered by companies as a smart business strategy. Most companies of all sizes across the world report that gender diversity helps improve business outcomes. About 60 percent of the enterprises surveyed report that the application of gender equality principles in their companies resulted in positive outcomes, including higher profitability and productivity. Increasing women's labour force participation has also been shown to boost gross domestic product (GDP).

The survey findings lend support to the analysis by McKinsey Global Institute (2018), which predicts that advancing gender equality could increase world GDP by 11 percent, equivalent to USD 11.7 trillion by 2025 (Table 3.1). In the Asia Pacific, GDP growth could increase by 12 percent or USD 4.5 trillion. Another study by the OECD (2019c) focusing strictly on discriminatory social institutions – including discriminatory laws, social norms and practices which create gaps between men and women in terms of rights and opportunities – show that gender-based discrimination in social institutions impedes economic growth and induces a loss of up to USD 6 trillion or 7.5 percent of global income.

Furthermore, a study by Qian (2016) shows that a company with at least one woman on the board of executives outperforms those that have all-male board members. These empirical results underscore the importance of promoting initiatives related to women's empowerment, starting from the launch of programmes and/or policies up to their implementation and enforcement as well as regular monitoring and assessment of their relevance and effectiveness. Based on our calculation, women accounted for almost 50 percent the total population in APEC

economies in 2018, but contributed only 39 percent of the gross national income (GNI) per capita that year.

Table 3.1. Impact of gender equality on GDP by 2025

Selected economies	Improvement over business-as-usual GDP (%)	Incremental GDP (USD billion)
<i>World</i>	11	11,710
Australia	12	225
China	12	2,600
Japan	6	325
Indonesia	9	135
Korea	9	160
Malaysia	8	50
The Philippines	7	40
New Zealand	10	25
Singapore	5	20
Thailand	12	70
Viet Nam	10	40

Note: Only 11 APEC economies were covered by the McKinsey report.

Source: McKinsey Global Institute 2018.

A. FRAMEWORK TO ASSESS POLICIES AND PROGRAMMES RELATED TO WOMEN'S EMPOWERMENT

Before mapping out the available policies and programmes, this study will review a general framework to assess policies and programmes related to women's empowerment. This step is required to understand the key aspects of policymaking specific to women's empowerment issues on which the analysis of policies and programmes will be based.

One of the frameworks regarding constitutional and policy reforms is the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW). CEDAW, adopted by the United Nations on 18 December 1979, is often described as the international bill of rights for women. As of 2016, 189 members have ratified CEDAW, indicating that these members are legally bound to address women's human rights and focus on ending all forms of discrimination against women and girls to guarantee their rights in all areas of life.

CEDAW, therefore, is an excellent starting point for designing a comprehensive and sustainable gender mainstreaming approach that offers a holistic vision of gender equality, and an overview of the measures necessary to effectively implement such a vision (OECD 2014). This strategic approach can target the legal, regulatory and institutional reforms required to remove barriers to women's equitable involvement in the political, economic and social development of their societies and incorporate a commitment to include both men and women in the process. The following steps are suggested in designing the approach:

- **Clear and coherent domestic strategies and action plans** for gender equality.
- **Strong public institutions** with clear and effective mandates and responsibilities, supported by mechanisms to ensure accountability in fulfilling gender equality and mainstreaming¹¹ commitments. General Recommendation #6 of the CEDAW

¹¹ Gender mainstreaming is a process of assessing the implications for women and men of any planned action, so that the gender perspective becomes an integral dimension of the design, implementation, monitoring and evaluation of policies and programmes (United Nations 1997).

Committee also confirmed the need to establish and/or strengthen gender institutions and procedures at a high level of government and with adequate resources, commitment and authority to: (1) advise on the impact of all government policies on women; (2) comprehensively monitor the situation of women; and, (3) help formulate new policies and effectively implement strategies and measures to eliminate discrimination.

- **Tools for evidence-based and inclusive policymaking and implementation** that take into account potentially different effects on women and men, across policy sectors.
- **Reliable sex-disaggregated data and information** for making informed policy decisions, based on sound evidence.

This study will draw on CEDAW articles in the context of women's economic participation, especially the articles related to education (Article 10), employment (Article 11) and economic and social life (Article 13). Since women's rights are mandated by law, especially those in relation to participation in economic activities, we will also touch on the section on equality before the law (Article 15). Key excerpts from those articles are as follows:

- **Article 10**
Economies must end discrimination against women and girls and ensure equal rights in education. This includes equal access to education and vocational training at all levels. Women and girls must be provided with the same curricula, examinations, standards for teaching, access to scholarships, and equipment.
- **Article 11**
Economies must eliminate discrimination against women in employment. This includes ensuring equal opportunities to choose one's profession and receive equal pay for work of equal value. Women should have equal access to healthy and safe working conditions and social security for retirement, unemployment, sickness and old age, and should not be discriminated because they are married, pregnant, just delivered their babies or are looking after children. Women should be provided with maternity leave and economies should encourage the provision of support to enable parents to combine work and family responsibilities. Special protection needs to be provided to women during pregnancy in types of work proved to be harmful to them.
- **Article 13**
Economies must eliminate discrimination against women and girls in all areas of economic and social life. Women and girls should be granted the same rights as men and boys to family benefits, bank loans, credit and mortgages, and should have equal opportunities to take part in sports and other cultural activities.
- **Article 15**
Economies must guarantee women and girls equality with men and boys before the law. This includes equal access to legal counsel, services and resources. Women (and girls when they reach a certain age) should have the same rights as men and boys to speak for themselves in courts or tribunals, get a loan, rent and inherit property, or sign a contract. Economies must also guarantee the same rights to freedom of movement and choice of residence to women and men.

As of 2019, 20 APEC economies had signed or acted on the ratification, accession or succession of CEDAW.

B. MAPPING OF POLICIES AND PROGRAMMES RELATED TO WOMEN'S EMPOWERMENT

This section aims to provide a general picture of the regulations that support women's economic participation in APEC economies in five key areas: (1) access to education; (2) access to financial products and services; (3) return to work after maternity leave and access to care leave; (4) discrimination and restrictions on women's employment; and (5) women's freedom from violence and freedom of movement. These five areas are summarised in Table 3.2.

Table 3.2. Mapping of key policies and programmes on women's empowerment in APEC economies

Aspects	Reference	Policies or programmes in APEC economies
1. Policies that address women's access to education, training and skills development including upskilling for higher-wage, high-growth future careers, such as digital, STEM and green jobs (in sustainable sectors)	CEDAW Article 10: No discrimination against women and equal rights in education	(1) Act or law confirming no discrimination in terms of education or programmes to ensure no discrimination
	Scope of research	(2) Programme to promote STEM for women
	Scope of research	(3) Vocational programme for women
2. Policies that address women's access to credit, including access to financial services and products	CEDAW Article 13: Equal rights to family benefits, bank loans, mortgages and other forms of financial credit CEDAW Article 15: Equal rights to conclude contracts and to administer property	(1) Act or law confirming no discrimination in terms of financial access
	Scope of research	(2) Programme to give special credit scheme/assistance to woman
3. Policies that enable women to return to work after maternity leave and to access care leave, including parental leave, subsidised childcare, long-term care leave	CEDAW Article 11 Point 2: No discrimination against women on the grounds of marriage or maternity and to ensure their effective right to work	(1) Act or law confirming that women can return to employment after maternity leave and long-term care leave
	Scope of research, also CEDAW Article 11 Point 2(b)	(2) Maternity or parental leave ruling and subsidy provided by government (if any)
	Scope of research, also CEDAW Article 11 Point 2(c)	(3) Programme addressing childcare facilities issues
	Scope of research	(4) Long-term care leave ruling and subsidy provided by government (if any)
4. Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors including business ownership and leadership positions	CEDAW Article 11 Point 1: No discrimination against women in the field of employment	(1) Act or law confirming no discrimination in terms of employment practices
	Scope of research, also on CEDAW Article 11 Point 1(d)	(2) Policies or programmes to promote equity pay
	Scope of research, also CEDAW Article 11 Point 1(c)	(3) Policies or programmes to promote woman advancing to top leadership
	Scope of research	(4) Policies or programmes to assist women starting up or running a business
5. Policies that address constraints on women's freedom from violence and freedom of movement, including to travel safely to and from work	CEDAW Article 16 Point 1: No discrimination against women in marriage and family relations	(1) Act or law confirming protection from domestic violence for woman
	CEDAW Article 11 Point 1(f): The right to protection of health and to safety in working conditions	(2) Policies and programmes that promote a safe environment for women to work

Source: United Nations, compiled by authors.

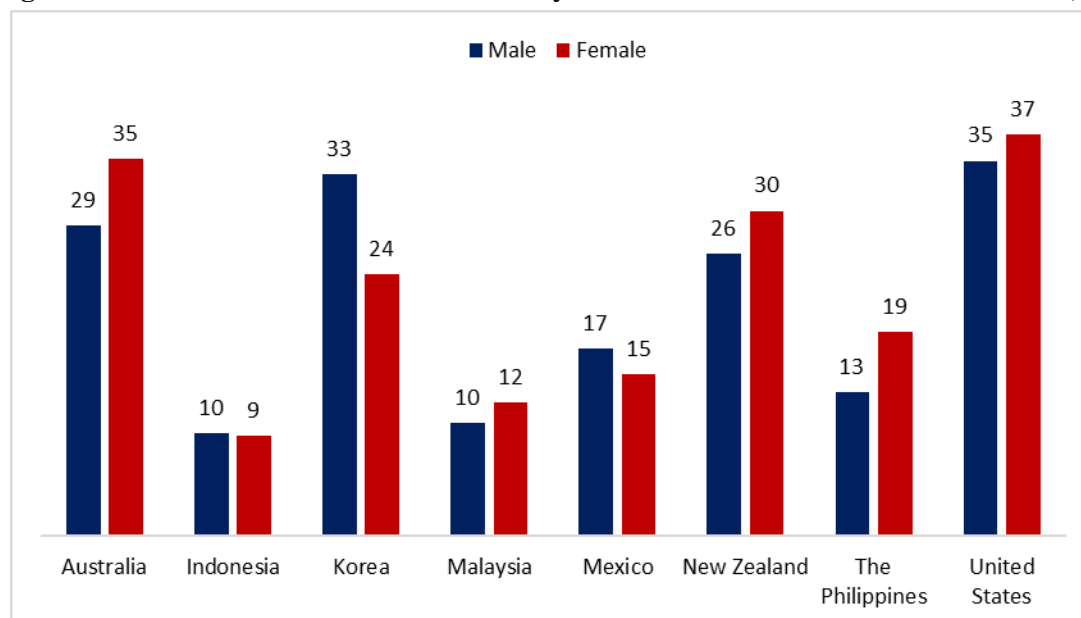
i. Addressing women's access to education, training, and skills development

Longstanding laws and regulations on equal treatment in education

Most APEC economies have longstanding laws and regulations stipulating non-discrimination in terms of education between men and women. The regulations in some economies address aspects of the education system in some detail. In the Philippines, for instance, Republic Act no. 9710/2009, the Magna Carta of Women, highlights equal access and elimination of discrimination in education, scholarships and training. This includes revising educational materials and curricula to remove gender stereotypes and images (Philippine Statistics Authority 2010).

The impact of longstanding laws and regulations in APEC economies is reflected in the narrowing gender gap in education for most APEC economies. In fact, in some APEC economies such as Australia; Malaysia; New Zealand; the Philippines; and the United States, the percentage of women graduating from tertiary education was higher than the percentage of men (Figure 3.1). However, some economies are still struggling to achieve equal access. For example, a few cases were found in Japan that medical schools manipulated their admissions systems to reject female applicants in favour of less qualified male applicants (MEXT Survey 2018). The government has revised implementation guidelines for the selection of university entrants and established rules for measures to ensure fairness. In addition, a study by the OECD (2009b) reveals that parents are less willing to spend money on private tutoring for their daughters than for their sons in Korea, due to prevailing traditional views about women.

Figure 3.1. Educational attainment in tertiary education in selected APEC economies (%)



Note: Educational attainment in tertiary education is defined as the percentage of the female or male population age 25+ with a bachelor's, master's or doctoral degree, or equivalent; data for each economy based on latest year available.

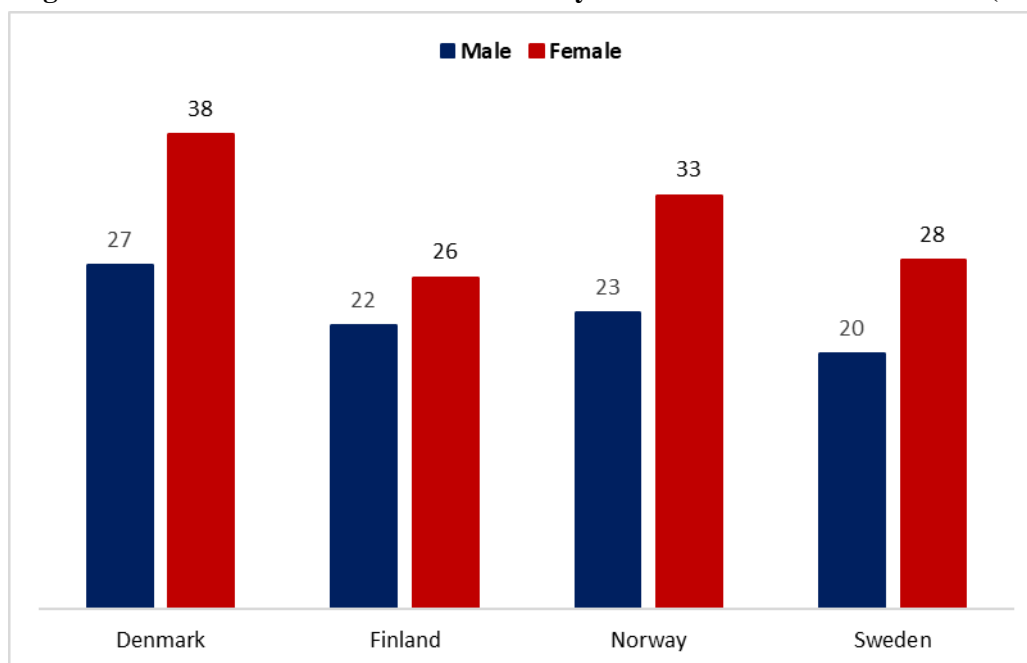
Source: World Bank

Outside the APEC region, Nordic economies have included policies to promote gender equality in education. Iceland, for instance, takes steps to monitoring the textbook content, teaching process and preparing gender equality plans. The overall education system ensures equal treatment between boys and girls and this is monitored by the Ministry of Education

(Ministry of Social Affairs, Iceland 2018)¹². Sweden encourages the hiring of female professors by setting recruitment targets (Swedish Higher Education Authority 2019). Norway requires teaching aids used in educational institutions to reflect equality regardless of gender (Ministry of Children and Families, Norway 2007)¹³.

In most Nordic economies, the percentage of women graduating from tertiary education exceeded the percentage of men doing the same by quite a significant percentage. Denmark, for instance, has 38 percent of women graduating from tertiary education as opposed to 27 percent of men (Figure 3.2).

Figure 3.2. Educational attainment in tertiary education in Nordic economies (%)



Note: 'Educational attainment in tertiary education' is defined as the percentage of the female or male population or aged 25+ with a bachelor's, masters or doctoral degree, or equivalent.

Source: World Bank 2018 (Denmark data); WDI data for 2017 (for the rest of the economies).

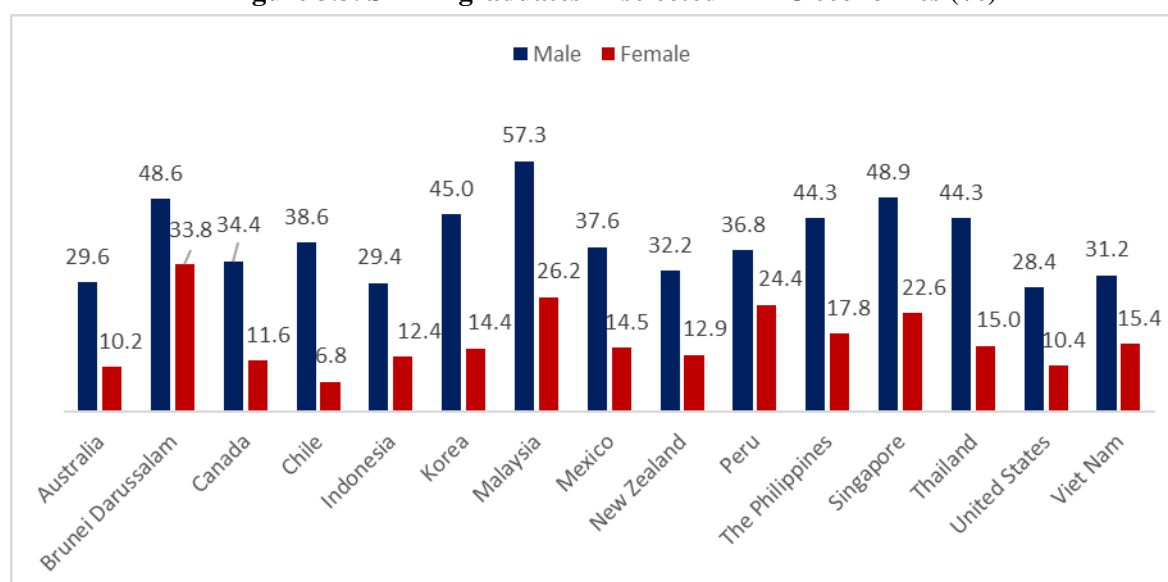
Increasing female participation in STEM fields

Even though the gender gap in formal education is narrowing, women are still largely under-represented in the STEM fields. The average percentage of female graduates in APEC economies from selected tertiary education programmes was only 26 percent for engineering, manufacturing and construction and 33 percent for the sciences and technology compared with 73 percent for health and welfare and 72 percent for education (Zhu and Kuriyama 2016).

Among APEC economies, the highest participation of women in STEM programmes is in Brunei Darussalam, where 34 percent of the female graduates obtained their degrees in STEM areas. In other APEC economies, the figure ranges from 7 to 26 percent (Figure 3.3). Brunei Darussalam's Ministry of Education has rigorously promoted STEM in schools as the starting point to establish a STEM-literate society.

¹² For more information, see Articles 18 and 23 of the Act on Equal Status and Equal Rights of Women and Men No. 10/2008, as amended by Act No. 162/2010, No. 126/2011, No. 62/2014 and No. 79/2015.

¹³ For more information, see Section 16.

Figure 3.3. STEM graduates in selected APEC economies (%)

Note: Graduates from STEM programmes are defined as tertiary education graduates from the engineering, manufacturing, and construction programmes; information and communication technology programmes; and the natural sciences, mathematics and statistics programmes.

Source: World Economic Forum (2016–2019).

This low engagement of APEC women in STEM fields hinders their ability to contribute to higher value-added sectors and impacts their earning capacity. This is believed to be triggered more by preference than discrimination (OECD 2015) as girls are much more likely to expect a career as a health worker or teacher. These gender gaps in career expectations are related more to attitudes than aptitude, which only serve to underline the importance of tackling stereotypes and changing views on suitable career paths early on (OECD 2018a). To deal with this, some APEC economies carried out several programmes to raise awareness of the inequalities resulting from stereotyping.

An interesting programme to increase awareness of STEM fields among girls was carried out in Peru, which has a relatively small gender gap in STEM graduates: in 2019, 24 percent of female graduates from tertiary education institutions chose to take STEM subjects, compared to 37 percent of male graduates (WEF 2019a). A non-profit organisation called MacTec (Mini Academy of Science and Technology) applied Diversity Peer Learning to 8–11 years old girls to educate them on science. The girls sit in groups working with well-recognised scientists from Peru and the world. This project was awarded the 2017 UNESCO Prize for Girls' and Women's Education (UNESCO 2017).

Brunei Darussalam is another economy where the gender gap in STEM graduates is relatively small: 34 percent of female graduates from tertiary education institutions took STEM subjects compared to 49 percent of male graduates (WEF 2019a). Brunei Darussalam, in fact, leads the pack in the Asia-Pacific for its high share of women graduates in STEM. Almost half of its STEM graduates are female, compared with 32 percent in the United States (Tang 2019), for example. The Ministry of Education of Brunei Darussalam has implemented the STEM and Innovative Design Initiative in schools to help establish a society that is able to understand and apply the basics of STEM.

The Philippines is also taking steps to bring STEM literacy to girls at an early age. There, the Department of Education holds an annual event, the National Science and Technology Fair: in

2020, four Filipinos who have excelled in STEM fields shared their knowledge with 161 student-participants from 39 public and private schools across the Philippines (Hernando-Malipot 2020).

In Japan, the Cabinet Office of Japan brings together companies, universities, academic societies and other institutions that promote initiatives to develop female scientists and engineers to serve as a support network for female science and technology students. Information on events hosted by such organisations and messages from female scientists are provided on a dedicated website.¹⁴ In addition, women who are active in science and engineering have been appointed as 'STEM Girls Ambassadors', with the role of delivering lectures across Japan, with cooperation from relevant local governments.¹⁵

Another noteworthy programme is conducted in New Zealand where the gender gap for graduates from STEM fields is quite high: 13 percent of the female students graduating from tertiary education institutions took STEM subjects compared to 32 percent of male students (WEF 2019a). New Zealand holds the National Science Challenges, an annual event established in 2014 with the aim of tackling the biggest science-based issues and opportunities facing New Zealand. This is a core part of the government's investment in science, with allocations of more than NZD 680 million (or USD 589 million) over a period of 10 years (Ministry of Business, Innovation and Employment n.d.). The Challenges bring together the economy's top scientists to work collaboratively across disciplines, institutions and borders to achieve their objectives.

Korea recorded a significant gap in terms of graduates from STEM fields, particularly compared to other APEC economies, with only 14 percent of female graduates from tertiary education institutions taking STEM subjects compared to 45 percent of male students (WEF 2019a). The government enacted the Act on Fostering and Supporting Women Scientists and Engineers in 2002, which specified that mid- to long-term policy goals should be set every five years. The government just introduced its 4th basic plan to establish a society where the true potential of female scientists and engineers can be fully realised. This plan will run until 2023. It also established a government-funded public institution as a result of the 2002 Act called The Korea Center for Women in Science, Engineering and Technology that provides comprehensive support for female scientists and technicians (WISSET 2019).

Some APEC economies promoted STEM programmes with help from international institutions. For example, Chile implemented the STEM and Gender Advancement programme in 2019. This is a UNESCO global project that contributes to the promotion of women and girls in STEM by supporting key stakeholders in the design and implementation of science, technology, and innovation policies for gender inequality.¹⁶ Similarly, Viet Nam partnered with the British Council in Viet Nam and Microsoft Corporation to encourage girls to explore their potential by choosing STEM subjects as part of their higher education studies and then pursuing careers in STEM fields. Viet Nam also held the Build-it Viet Nam Conference, a collaboration involving Arizona State University, the Ministry of Education and Training, the Ministry of Industry and Trade, and the BUILD-IT Alliance, which highlights female role models, encourages the exchange of knowledge and identifies paths to entrepreneurship while offering networking opportunities in a fun and interactive event. The objective of this programme is to connect women in the STEM community. This programme also supports women's

¹⁴ Gender Equality Bureau Cabinet Office website at www.gender.go.jp/c-challenge/.

¹⁵ Japan's IER submission.

¹⁶ Chile's IER submission.

participation in technology and engineering programmes through leadership forums, academic initiatives, and scholarships (Grant 2016).

Even as other APEC economies have been conducting programmes to fuel young women's interest in STEM fields, Papua New Guinea is still facing problems, mostly related to the lack of female mathematics and science teachers. 'Boosting Education Standards Together (BEST) in PNG particularly aims to increase the number of female teachers necessary to enhance girls' learning and participation in mathematics and science (National Department of Education 2019).

Even though the gender gap in STEM graduates is quite evident, it is also clear that some APEC economies are conducting initiatives to close this gap. This will take time as it necessitates changing mindsets and eliminating stereotyping. However, consistent efforts have been shown by some APEC economies, which could produce significant results and inspire others to follow.

The COVID-19 pandemic may be the catalyst for APEC economies to pay more attention to boosting STEM literacy, with particular focus on women's participation, given the gap between male and female students graduating from STEM fields. Most APEC economies have conducted initiatives to promote STEM literacy among girls and have performed campaigns on STEM at the domestic level (see Table 3.3), which are important to generate greater interest among girls to embark on studies in a STEM field and encourage greater gender diversity in the field. Such initiatives should be combined with other measures supporting the entry of women to STEM programmes at the tertiary education level and improving graduation rates of women who are enrolling in these programmes. A concerted effort by the government, private sector and educational institutions to provide real-world, problem-solving experience could be effective in increasing women's participation in STEM fields.

Policy action is needed to bridge digital gender divides

For more sustainable and inclusive economies and societies, both women and men need to be able to participate in the digital transformation. However, women still lag behind men in their ability to access, use, and afford digital tools. In 2017, women in nearly all APEC economies used the internet to a lesser extent than men. Peru and Indonesia exhibited the widest digital gender divide among the APEC economies for which data were available. This phenomenon is not limited to APEC economies: in every region of the world except the Americas, more men than women use the internet – globally this amounts to only 48 percent of women compared with 58 percent of men (ITU, 2019).

In some APEC economies, particularly in rural areas and among the socioeconomically disadvantaged, affordability can be a major barrier to the digital world. Affordability not only refers to the financial resources needed to purchase and operate digital technologies but also to human resources. This includes the time needed to learn how to use digital tools. However, time poverty disproportionately affects women. Among other factors, this often results from the unpaid work that women take on within the home and the care they provide for children and the elderly – a situation that has been exacerbated by the COVID-19 crisis.

Women also face obstacles rooted in socio-cultural norms that prevent them from playing a more active role in the digital revolution (OECD, 2019d). Schools are particularly important in this regard, as they create a space for education to help tackle the gender digital divide by dismantling gender stereotypes that prevent girls from developing the skills, ambition, and confidence needed to thrive in the digital world. Granting access to (good) education to all

individuals, including girls and women who live in disadvantaged conditions or areas, is a necessary condition to bridging the gender divide, both in the analogue world and even more so in the digital world.

Gender differences also emerge with respect to the skills and confidence in using digital technologies. For example, fewer women apply for jobs online and use Internet-banking services than men. The gender gap tends to be larger when female educational attainment and income are relatively low, and they are especially so relative to the costs of mobile handsets, digital devices or data.

Policy action is key to support APEC economies in bridging these digital gender divides. Early interventions aimed at tackling gender gaps in attitudes and competences are key to succeed in ICT-rich environments, and are also the most cost effective and have the longest-lasting impact. When taken together, four key education-related actions that could facilitate systemic change and break down the barriers to women's digital empowerment in APEC economies include: promoting ICT use, skills and learning; empowering educators and making them active agents of change; changing attitudes and expectations; and preventing discrimination and gender-based violence – which begins by addressing teachers' biases and gender stereotypes in textbooks.

Preparing gender equality plans and training for teachers

A majority of APEC economies have longstanding laws and regulations stipulating non-discrimination in education for both women and men. This has created a conducive environment for women to pursue higher education, thus narrowing the gender gap in education across the region. However, some places still experience a wide gender gap in education despite gender equality becoming part of the education curriculum that is supervised by the authorities in charge of the education sector (see Table 3.3). Efforts to eliminate gender bias should start from an early age and schools could serve as one of the avenues for this purpose.

Importantly, the gender equality mindset should be instilled in teachers. Being on the front lines, teachers have a significant role in educating students free from gender bias. Specific training should be developed in this area. Table 3.3 shows that we have not been able to identify programmes for teachers on this issue in almost half of APEC economies.

Table 3.3. Policies and programmes ensuring gender equality in education across APEC economies

Policies or programmes	No. of APEC economies implementing
Involvement of government-related institution (e.g., Ministry of Education) in promoting gender equality	21
Inclusion of the concept of gender equality in the curriculum	21
Availability of training for teachers in gender equality	11
Availability of campaign or programme to promote STEM literacy among girls	18
Availability of a economy-level STEM campaign/programme	18
Establishment of government-linked vocational training institutions (only for women)	5

Source: Compiled by Presisi Indonesia from Economy sources and Government websites.

Keeping women in the labour market through vocational training

Another important aspect related to education is the presence of programmes to enhance women's skills and competencies. Studies have found that women tend to have less relevant skills, such as commercial awareness to start a business (Zhu and Kuriyama 2016). These additional skills are important to address the barriers to women re-entering the market after taking maternity leave or remaining economically productive after having children.

Vocational programmes could assist women in returning to the labour force given the proportion of economically active women has been on a declining trend for the period 2000–2019. This is quite relevant in the middle of the COVID-19 pandemic where people in a number of sectors are losing their jobs.

The Philippines is among the APEC economies focusing on developing vocational schools for women. Under the 2009 Magna Carta of Women, the government encourages women to learn non-traditional skills, particularly through vocational training at the tertiary level. The Congress of the Philippines also promotes the 1995 Act Providing Assistance to Women, where women who are citizens of the Philippines, and who are at least 18 years of age may undergo technical training and programmes at the Technical Education and Skills Development Authority (TESDA) Women's Center. The TESDA Women's Center serves as the vocational training centre for women, offering free competency-based training programmes (full qualifications) under the Universal Access to Quality Tertiary Education Act (Republic Act no. 10931/2017).

Hong Kong, China has developed the Employees Retraining Board (ERB), an independent statutory body that offers a wide range of training and retraining programmes and services to meet the market's changing needs. Currently, more than 80 percent of the trainees enrolled in around 700 ERB courses are women. Under the Women's Commission established by the government in 2001, HKD 4 million (or USD 520,000) is allocated every year to women's groups and non-governmental organisations to help them organise programmes and activities that support women's development. One of the funding scheme's themes is women's employment, which complements the government's work in motivating more women to join the labour force. To date, it has funded more than 110 organisations and 400 projects amounting to HKD 23 million (or USD 2.99 million).¹⁷

In Korea, the Women's Re-employment Centers under the Ministry of Gender Equality and Family provide career counselling, vocational training, internship opportunities, job placement, start-up support and a follow-up service to help women adapt to the workplace as well as provide start-up support. It also provides comprehensive employment and support services to aid in job-seeking by unemployed women and women who took career breaks due to childcare or housework.

In Canada, the Red Seal trades represent high-quality and well-paid careers that are critical to Canada's economic growth,¹⁸ but women account for only 9 percent of the apprentices in Red Seal trades, and about half are in the low-paid hairstylist, cook or baker trades. In response, the government has established several programmes to promote more women succeeding in the

¹⁷ Hong Kong, China's IER submission.

¹⁸ The Red Seal Programme helps to develop a highly qualified, productive and mobile skilled trade workforce by developing high-quality Red Seal products, including Red Seal occupational standards and interprovincial examinations for Red Seal trades. For the 56 designated Red Seal skilled trades, the federal government works with provincial and territorial partners and industry to set common standards of excellence. Tradespeople who successfully pass the Red Seal examination receive a Red Seal endorsement on their provincial/territorial trade certificates.

Red Seal trades. The Apprenticeship Incentive Grant for Women, launched in 2018–2019, provides grants to registered apprentices who have successfully completed the first- or second-year level of an apprenticeship programme in eligible Red Seal trades. The Skilled Trades Awareness and Readiness Programme, launched in 2018, aims to help women explore and prepare for a career in the skilled trades. The Union Training and Innovation Programme, launched in 2017, aims to improve the participation of women and other key groups in the Red Seal trades through apprenticeship training, innovation and enhanced partnerships. Over 3,000 participants benefited from the Apprenticeship Incentive Grants for Women in 2019–2020.

In Russia, the National Employment Facilitation Program includes activities aimed to promote employability of women with children, including through providing vocational training opportunities, facilitating their return to a former place of employment, and helping them get back to work after maternity leave. More than 26,000 women on parental leave have been directed to professional education, retraining and career development opportunities.¹⁹

Some APEC economies have developed vocational schools specifically for underprivileged women. Malaysia, for instance, established the YWCA Vocational Training Opportunity Centre. The centre provides skills training for underprivileged young women and girls from economically disadvantaged families. Malaysia has also developed programmes in line with the concept of lifelong learning, including training in culinary skills, baking, religious studies, languages, handicrafts and basic computer programs. In addition, Malaysia launched programmes to improve graduate employability in 2010, providing training tailored to the job market and giving students experience working in relevant industries.

Thailand and Peru also have programmes to assist women from disadvantaged families. Peru's Ministry of Labour developed the PROARTEX Project to develop the skills of poor female textile artisans, thereby giving women access to cooperative mechanisms, training courses, local and provincial-level fairs and business groups, as well as information service centres and fixed points of sale. Meanwhile, in Thailand, the government has established vocational training for local women to protect, assist and rehabilitate victims of human trafficking and prostitution. There are eight such centres as of 2017 (United Nations 2017).

In Papua New Guinea, the local Member of Parliament and the Minister for Trade, Commerce and Industry developed a project with the Yangoru-Saussia District Development Authority, to lift women in the district out of poverty by giving them the literacy and basic budgeting and savings skills needed to successfully access microfinance services to improve their informal economic activities (Pacific Women 2016).

Many of the programmes promoted by APEC economies aim to increase women's participation in the labour market in general. Some APEC economies have also developed programmes focused on specific skills for specific sectors, like in Mexico, where female labour participation is low, at only 44 percent compared to 79 percent for male labour participation. The National Institute for Women (INMUJERES) Economic Independence Project (*Proyecto de Autonomía Económica*) seeks to change gender stereotypes about jobs by training disadvantaged women of all ages to develop skills in non-traditional trades. INMUJERES in Mexico City trained more than 3,500 women in plumbing, electricity, welding, mobile phone repair, auto body painting, appliance repair, artisanal blacksmithing, and computing (OECD 2017).

¹⁹ Russia's IER submission.

To encourage greater uptake of the skilled trades among women, Canada offers the Apprenticeship Incentive Grant for Women, a pilot project to double the financial support for women training in male-dominated skilled trades. Canada also recently introduced the Science Funding and Support for the Next Generation of Researchers to reduce gender disparities within the academic research community in Canada.²⁰

Efforts across the APEC region to bring women back to the labour market after maternity leave are evident, as are initiatives to lift women out of poverty. Non-traditional vocational jobs make up around 41.8 percent of the total labour force in APEC in 2018; the presence of vocational or training schools may help in addressing the issue of a declining trend in FLFP in APEC.

ii. Addressing women's access to credit, including access to financial services and products

Gender discrimination in financial matters

A survey by the World Bank highlights that 19 APEC economies grant equal ownership rights to immovable property, 18 APEC economies guarantee equal rights to daughters and sons to inherit assets from their parents and 18 APEC economies promotes equal rights for the surviving spouse to inherit assets. Table 3.4 summarises the findings from this survey.

Table 3.4. Gender discrimination in access to assets in APEC

Economy	Do men and women have equal ownership rights to immovable property?	Do sons and daughters have equal rights to inherit assets from their parents?	Do female and male surviving spouses have equal rights to inherit assets?
Australia	Yes	Yes	Yes
Brunei Darussalam	Yes	No	No
Canada	Yes	Yes	Yes
Chile	No	Yes	Yes
China	Yes	Yes	Yes
Hong Kong, China	Yes	Yes	Yes
Indonesia	Yes	No	No
Japan	Yes	Yes	Yes
Korea	Yes	Yes	Yes
Malaysia	Yes	No	No
Mexico	Yes	Yes	Yes
New Zealand	Yes	Yes	Yes
Papua New Guinea	Yes	Yes	Yes
Peru	Yes	Yes	Yes
The Philippines	No	Yes	Yes
Russia	Yes	Yes	Yes
Singapore	Yes	Yes	Yes
Chinese Taipei	Yes	Yes	Yes
Thailand	Yes	Yes	Yes
United States	Yes	Yes	Yes
Viet Nam	Yes	Yes	Yes

Source: World Bank 2020.

²⁰ Canada's IER submission.

The survey also highlights that, with respect to access to credit, 13 APEC economies do not have laws prohibiting discrimination based on gender and 14 economies do not have laws prohibiting discrimination on the basis of marital status (Table 3.5).

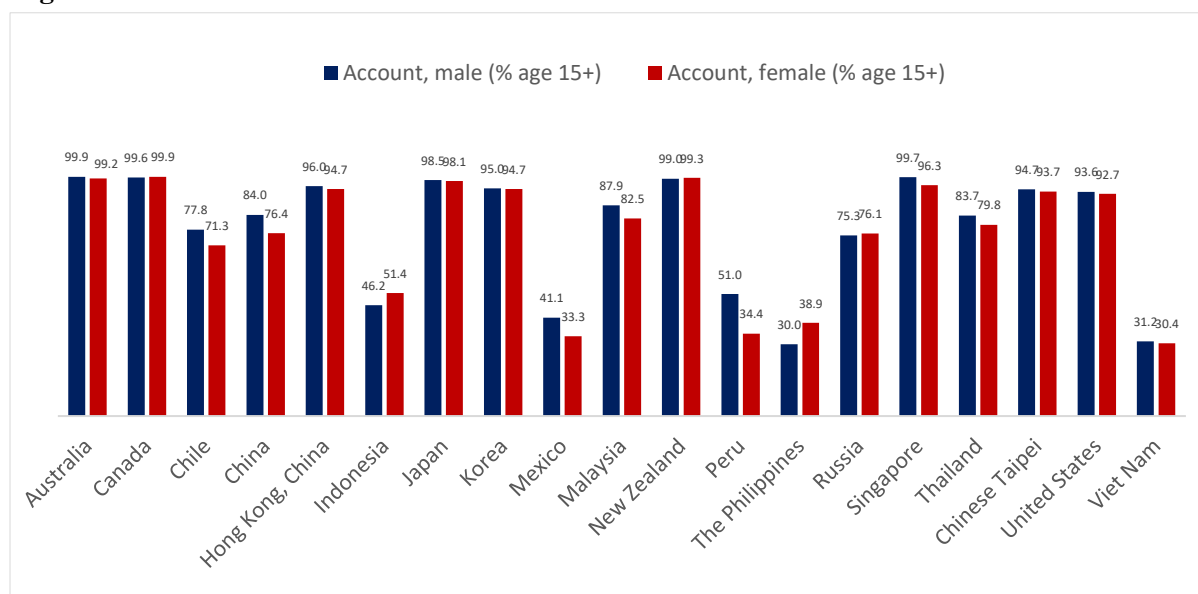
In terms of account ownership at a bank, the gap between men and women is narrow (Figure 3.4). However, for some economies, the proportion of women with an account at a bank or other financial institution remains below 50 percent, a disparity which may require policy responses. Some economies do this through a financial inclusion policy, which is discussed in the following section.

Although there are still many APEC economies without laws prohibiting discrimination on the basis of marital status in access to credit, most APEC economies guarantee equal rights in terms of assets. This should support women who wish to access credit, since financial institutions see collateral as one basis for assessing a potential borrower's creditworthiness.

Table 3.5. Gender discrimination in access to credit on the basis of marital status in APEC

Economy	Does the law prohibit discrimination by creditors on the basis of marital status in access to credit?	Does the law prohibit discrimination in access to credit based on gender?
Australia	Yes	Yes
Brunei Darussalam	No	No
Canada	Yes	Yes
Chile	No	No
China	No	No
Hong Kong, China	Yes	Yes
Indonesia	No	No
Japan	No	No
Korea	No	No
Malaysia	No	No
Mexico	Yes	Yes
New Zealand	Yes	Yes
Papua New Guinea	No	No
Peru	No	Yes
The Philippines	Yes	Yes
Russia	No	No
Singapore	No	No
Chinese Taipei	No	No
Thailand	No	No
United States	Yes	Yes
Viet Nam	No	Yes

Source: World Bank (2018, 2020).

Figure 3.4. Share of men and women in APEC with an account at a bank or financial institution

Note: 'Account' is the percentage of respondents who report having an account (by themselves or together with someone else) at a bank or another type of financial institution or report personally using a mobile money service in the past 12 months. No data available for Brunei Darussalam and Papua New Guinea.

Source: World Bank 2017.

Financial inclusion and access to micro and SME loans

Some APEC economies have developed a comprehensive approach to improving access to finance under the concept of financial inclusion. According to the World Bank, financial inclusion means that individuals and businesses have access to useful and affordable financial products and services that meet their needs – transactions, payments, savings, credit and insurance – delivered in a responsible and sustainable way (World Bank 2018).²¹

APEC economies have adopted financial inclusion policies to advance access to financial education and financial products and services (APEC 2019c, Table 3.6). Chile, for instance, established the Financial Inclusion Advisory Committee which set up the Financial Education Programme and an action plan targeted at young people and women. Banco Estado, the only public bank in Chile, plays a big role in developing in-person and virtual training to increase women's financial knowledge and management skills. Banco Estado also developed Abeja Emprende Capital, a fund that subsidises business management expenses and investments for women entrepreneurs. Similarly, Mexico launched its National Policy for Financial Inclusion (PNIF) in 2016. The PNIF provides a framework for government coordination and policy and programmatic priorities to advance financial inclusion (APEC 2019c).

Table 3.6. Policies and programmes broadening access to financial services and products across APEC economies

Policies or programmes	No. of APEC economies implementing
Availability of government's financial literacy programmes for women	18
Availability of financial inclusion programmes	21
Availability of government-linked microloan programmes	12
Availability of technology-enabled microloan programmes	5

Source: Compiled by Presisi Indonesia from Economy sources and Government websites

²¹ For more on financial inclusion, see 'Financial Inclusion Overview' in World Bank (2018, 28–35).

In Papua New Guinea, the Pacific Financial Inclusion Programme, together with the UN Capital Development Fund, provided financial and technical support to the Women's Micro Bank Limited. The technical assistance allowed the bank to implement a tablet-based, biometric (fingerprint) system for basic services like savings, deposits, withdrawals and checking of balance. This system is available at a network of Mama Bank Access Points, kiosk-type structures located at marketplaces that are staffed by two persons, an arrangement that brings banking services closer to women's homes and workplaces, and to women in rural areas. The loan to the Women's Micro Bank is the first of its kind for the UN Capital Development Fund and will be used for on-lending to women entrepreneurs served by the Mama Bank Access Points. This move is expected to bring access to credit to more women in the informal sector.

Programmes related to financial access can be driven by government as well as private institutions. Some APEC economies have developed credit products for micro or small and medium-sized enterprises (SMEs) to improve women's access to credit. In Mexico, the Ministry of Economy offers micro or SME credit to rural women, and the Institute of Social Security and Services for State Workers (ISSSTE) provides housing loans for women.

Chinese Taipei has a programme called Go Incubation Board for Startup and Acceleration Firms (GISA), which aims to provide female entrepreneurs with a friendly capital-raising channel. GISA offers free financial advice, waives procedures to go public, and helps innovative companies to obtain fresh capital through the capital market. It empowers women to cope with financial problems and make appropriate decisions. In addition, the Ministry of Labour has launched the Phoenix Micro Start-up Programme, which offers business loans and interest subsidies to relieve financial pressures at the early stages of a business.²²

Meanwhile, Indonesia has the Mekaar Programme initiated by a government-linked company, PT Permodalan Nasional Madani. Mekaar provides capital loans for underprivileged women who own micro businesses, including those that just started out or have plans to develop their business. The loan amount is IDR 2–3 million (USD150–220) per person, with maturity of 54 weeks.²³

Canada is also active in promoting access to credit. Farm Credit Canada, for instance, has a new lending product for women entrepreneurs in agriculture, and provides advisory and learning services. The Business Development Bank of Canada has a CAD 1.4 billion (USD 1.1 billion) three-year loan facility for women-owned SMEs. Similarly, Canada's Women Entrepreneurs Fund has allocated CAD 20 million (USD 15.2 million) for women-owned/led SMEs to support market expansion within the economy or overseas. Export Development Canada has also earmarked CAD 250 million (USD 189.6 million) for women entrepreneurs engaged in export-oriented business (Dea 2019). The collaboration of government and private institutions is necessary to help women to become economically independent.

To support women entrepreneurs, Malaysia introduced the TemanNita Programme Financing Scheme through TEKUN Nasional, an agency under the Ministry of Entrepreneurial and Cooperative Development. This microfinancing scheme is available to women entrepreneurs who apply as groups of five. These groups are required to meet weekly and make repayments at those meetings. The first round of financing ranges from RM 1,000 (USD 230) to RM 10,000

²² Chinese Taipei's IER submission.

²³ Indonesia's IER submission.

(USD 2,300). After they have repaid the first round of financing, they can apply for the second round, ranging from RM 1,000 (USD 230) to RM 20,000 (USD 4,600).

In the Philippines, the Quaden and Rural Credit Guarantee Corporation (Quedancor), which is supervised by the Department of Agriculture, provides capital to women entrepreneurs for start-up or expansion of agri-fishery related businesses. The Congress of the Philippines also created micro, small and medium enterprise (MSME) support centres, which provide women entrepreneurs with access to information, training and credit facilities. Congress also stipulated that women who are citizens and at least 18 years of age may access a loan not exceeding the value of her business equipment at prime interest rate or at the rate of 12 percent per annum.

Complementing these initiatives is the microfinancing program for poor and low-income households by the *Bangko Sentral ng Pilipinas* (BSP), the Philippines' central bank. The BSP considers microfinancing an effective intervention to alleviate poverty, and encourages both microfinance-oriented banks, and microfinance operations in existing banks, providing them with supervision and guidance. BSP examines on a yearly basis the risk management, assets and loans of rural and thrift banks, which are ideal channels for microfinance as they already have the infrastructure to serve those in villages. BSP also introduced guidelines for microfinance-oriented banks as all their loans are unsecured. These guidelines help in evaluating microfinance portfolios, and are also useful for banks that are not microfinance-oriented but have microfinance operations.

Also of interest is Viet Nam's Access to Micro Finance Programme, which helps poor women gain access to credit to set up their own business and get out of poverty. The women are taught how to obtain loans, set up a business and build strong families that support gender equality and innovation. Another example is the Viet Nam Women's Union, which provides a collective guarantee that enables women to access subsidised credit from domestic banks, such as the Viet Nam Bank for Agricultural and Rural Development, and the Viet Nam Bank for Social Policies. Such partnerships between the union and banks have led to new businesses being financed, including household enterprises (family businesses). In all, the union has helped women borrow over VND 10,000 billion (USD 500 million) from banks and from the National Fund for Job Creation.

Meanwhile, Russia provides microloans for women entrepreneurs at a preferential rate through regional public microfinance organizations for SMEs and the Support for Individual Entrepreneurial Initiative National Project.

To make microfinance programmes a success, it is crucial to have good credit infrastructure. Recognising this, Peru established the Credit Information Registry, a credit bureau regulated by the General Law for the Financial System. The Credit Information Registry provides information on the credit history of potential and current borrowers, which enables a better credit risk assessment of borrowers, which in turn supports more accurate lending decisions (APEC 2011).

Another important element for microfinance is technology, which plays a vital part in supporting the financial inclusion strategy of economies. According to Genesis Analytics (2018), apart from providing a safe place to save, mobile financial services enable MSMEs and smallholder farmers, of which women account for more than half, to access much-needed microcredit. Digital finance could provide access to 1.6 billion unbanked people, more than half of them women. An additional USD 2.1 trillion of loans to individuals and small businesses

could be booked sustainably, as the providers can assess credit risk for a wider pool of borrowers (McKinsey Global Institute 2018).

Moreover, a joint study by the APEC Business Advisory Council (ABAC) and the University of Southern California shows that the use of e-commerce by women enabled them to grow their businesses and bypass many challenges encountered in traditional business environments due to gender discrimination. With e-commerce, women also may not need as much collateral or may have limited overhead costs, and could be able to create a more flexible work schedule. As indicated by the study, women's ability to grow exponentially and through international markets was expanded through e-commerce. The study reported that e-commerce also contributes to the elimination of gender biases as the online medium can place a layer of invisibility on the seller's identity. The digital economy presents a major opportunity for women-led MSMEs to advance but requires infrastructure and a supportive environment to enable women to capitalize on this opportunity.

iii. Enabling women to return to work after maternity leave and to access care leave

Legal protection for women to return to work

A study by the United Nations Children's Fund (UNICEF) identifies key issues affecting women's decision to return to work after maternity leave. First, maternity leave with no commensurate paternity/parental leave may reinforce the gendered division of care work at home, that such work should be shouldered mostly by the mother. Second, availing of maternity leave may also lead to gender imbalances within the workplace, as some employers may prefer to hire men to avoid the costs associated with maternity leave, particularly in non-routine, specialised work (UNICEF 2019). The general absence of laws supporting re-entry into the labour force after a woman gives birth inadvertently penalises women who work, by making it more difficult to balance family and work responsibilities amid the absence of mandated parental leave, a situation aggravated by expensive childcare services (APEC 2019c).

Almost all APEC economies have laws protecting pregnant women from dismissal (World Bank 2020).²⁴ However, only 10 APEC economies have laws to protect the right of women to an equivalent position after maternity leave (World Bank 2018).²⁵ China, for instance, through the Protection of Women's Rights and Interest Law of 1992 (amended in 2005) prohibits employers from cancelling the employment contracts of women who are on maternity leave or breastfeeding, unless requested by the female employee. In Korea, the Labour Standards Act (2007) stipulates that an employer shall reinstate female workers to the same work or to work for the same wages after the end of a maternity leave. In addition, Korea, under the Equal Employment Opportunity and Work-Family Balance Assistance Act (2007) has put in place rules that prohibit an employer from retiring women workers due to marriage, pregnancy or childbirth. Peru's Act no. 30709 (2017) prohibits employers from dismissing an employee or not renewing a contract of employment for reasons related to the worker being pregnant or breastfeeding.

Viet Nam specifies in the Labour Code (2012) that in case the previous work is no longer available, the employer must arrange other work for the employee with a wage that is not lower than the wage she received prior to the maternity leave. Russia extends the protection of

²⁴ Brunei Darussalam; Malaysia; Singapore; and Papua New Guinea currently do not have specific regulations.

²⁵ Australia; Canada; Chile; Korea; Mexico; New Zealand; Peru; Russia; the United States and Viet Nam have set specific regulations.

women's employment beyond the maternity leave period, by specifying in the Labour Code (2001) that the employer has no right to cancel labour contracts with pregnant employees, women having children under 3 years old, or single mothers nursing children under 12 years old without their agreement, except in the event of company liquidation.

Even though the prevailing laws institute employment protection, some women still exercise personal or cultural preferences to voluntarily not return to employment; or they may take a break during the childraising period. Malaysia introduced various programmes to support women returning to employment through TalentCorp, a government agency. Between 2015 to April 2019, Malaysia's Career Comeback Programme supported 1,136 women taking a career break, of which 820 women successfully re-joined the labour force. Malaysia also introduced a 12-month income tax exemption for women who re-enter the workforce after a break of at least two years (for women who returned to the workforce between the years of assessment 2018 to 2020).²⁶

Some APEC economies provide capacity-building programmes to support women in gaining necessary skills, either to return to work with new skills or to change their profession for better work-life balance. Hong Kong, China does this through its Employees Retraining Board. Russia also conducts more than 500 retraining programmes and 300 professional development programmes annually for women on parental leave to foster their adaptation to and increase their competitiveness in the labour market.

Singapore has a unique programme called Career Trial that provides opportunities for jobseekers and employers to try each other out over a period of time, and assess job fitness. Since 2019, this programme was expanded to include part-time jobs, which are especially suitable for caregivers who are keen to balance their family and caregiving responsibilities.

In supporting women to remain in the labour market after giving birth, some economies further regulate a flexible working arrangement. Flexible working hours can help working parents to reconcile their work schedule with the childcare centre or school (Cazes et al. 2016 in OECD 2016). Some women may prefer to reduce their working hours permanently by choosing part-time work; indeed, women, often mothers, are on average three times more likely than men to work part-time (OECD 2016). Working from home, another flexible working arrangement, can also attract women by saving commuting time and enabling them to be close to their children.

Malaysia's TalentCorp works with organisations to implement work-life practices at their workplace. It provides advice to organisations on flexible working arrangements, benefits such as extended maternity leave and paternity leave, and facilities such as nursing rooms and childcare centres at the office. Many of these work-life practices are geared toward women's needs, especially mothers with young children.²⁷

In this sense, outside APEC, Iceland has formalised flexible work arrangements and family balance under the Act on Equal Status and Equal Rights of Women and Men no. 10/2008, which mandates that employers shall take the measures necessary to enable women and men to reconcile their professional obligations and their family responsibilities. These measures are aimed at increasing flexibility in the organisation of work and working hours to take account of the family circumstances of workers and the needs of the labour market, including

²⁶ Malaysia's IER submission.

²⁷ Malaysia's IER submission.

facilitating the return of employees to work following maternity/paternity/parental leave or leave from work due to pressing and unavoidable family circumstances.

Even where regulations on flexible working arrangements exist, however, women may be hesitant to request them in case it may be perceived as lack of commitment to the firm. For instance, in the United Kingdom, around 38 percent of working mothers with a child between 9 and 24 months interviewed in 2013 would have liked to have made use of a flexible working practice but did not request for it. About half worried about being viewed negatively by employers, and 41 percent worried about the potential harm to future career prospects (DfBIS 2016 in OECD 2016). Therefore, extending the right to request flexible working arrangements to all employees, rather than restricting it to a smaller group such as women or parents, could reduce potential risk of discrimination. This was adopted in the United Kingdom, where under the Flexible Working Act (2003), the right to request flexible working arrangements was initially granted to parents with children under the age of 6 or parents with disabled children under the age of 18, and then extended to all employees in 2014.

Due to the COVID-19 pandemic, several economies have encouraged firms to adopt flexible working arrangements such as remote working to protect workers' safety and health. According to the Adecco Group (2020), around 75 percent of workers would like to be part of a hybrid working system with greater flexibility post-pandemic. These remote work practices mean that women can better balance a gradual return to work while staying in the home to care for children. Within APEC, 14 economies have regulated flexible working arrangements²⁸. Further reforms could be introduced to facilitate these flexible working arrangements.

It is also worthwhile to note that access to flexible working arrangements vary, depending on the nature of work or employment and the support system. Such arrangements could encourage women to pursue a professional career path and aim for higher positions. However, flexible working schedules, and working from home are strongly associated with intensive use of information and communication technology, necessitating strong digital knowledge and skills, which could further limit the type of occupation accessible to women with lack of resources and training in this area. Unfortunately, many women are employed in service-related sectors that require face-to-face interactions. In this case, progress in women's education, especially those related to future or growing sectors such as digital and STEM, as well as the availability of childcare facilities, will play an important part in defining the magnitude of women's participation in economic activities.

Supportive maternity or parental leave policies

Paid maternity leave can improve the retention of female employees, reducing turnover cost and improving productivity, which can generate returns for employers that outweigh any short-term costs (World Bank 2020). Nonetheless, maternity leave schemes that are partially or fully paid by employers may work against the interests of women by making employers reluctant to hire, retain or promote women. This financial burden makes hiring women more costly than hiring men. In many cases, this results in a decrease in hiring of women of childbearing age. Schemes based on social security are much more likely to foster positive results in the hiring of women employees (Kring 2017), although employers may view women employees as more expensive because of perceived productivity loss due to pregnancy and childcare needs

²⁸ Australia; Canada; Indonesia; Japan; Korea; Malaysia; New Zealand; Peru; the Philippines; Russia; Singapore; Chinese Taipei; United States and Viet Nam have introduced regulations on flexible working arrangements.

(Kronfol et al. 2019). The majority of APEC economies provide for maternity leave benefits to be administered fully by the government.²⁹

Out of 21 APEC members, 13 economies currently provide paid maternity leave of at least 14 weeks.³⁰ The length of the leave is critical in enabling mothers to recover from childbirth and return to work while providing proper care to their children. To support women returning to the labour force to balance domestic responsibilities and work, paid paternity leave for the fathers, or the flexibility to transfer the allocated leave days through paid parental leave is critical. Most economies (15 economies) have rulings on paid paternity leave,³¹ while only 10 APEC economies have regulations on paid parental leave.³²

In recent times, some economies have extended paid maternity and paternity leave, or allowed more flexibility with leave days, under a parental leave sharing scheme. For instance, in 2019, the Philippines signed the 105-day Expanded Maternity Law to extend paid maternity leave from 60 to 105 days for women working in the public, private and informal sector, provide an additional 15 days paid leave for single parents, and enable 7 days to be transferred to fathers, immediate relatives, or current partners of the mother. Under its 2017 amendment to the Childcare and Family Care Leave Law, Japan enabled workers to extend their parental leave until their child turns 24 months old, increased from 18 months old if, for instance, a family is unable to obtain an offer of placement for the child in a childcare facility.³³

In 2011, Chile extended paid maternity leave to 24 weeks, with the possibility of transferring part of this entitlement to fathers depending on the work scheme chosen by the mother. This aimed to increase the number of women who benefit from maternity protection, facilitate the reconciliation of work and family for both men and women, and promote the participation of both parents in the upbringing and care of children.³⁴ Recognizing the impact of COVID-19 on parents with young children who need to stay home amid the temporary shutdown of schools and daycare services, Chile enacted legislation for parents on parental leave and for parents and caregivers of children born in or after 2013, extending to up to 90 days the parental leave benefits and allowing eligible parents and caregivers to suspend their employment contract with employers in order to provide childcare and receive unemployment benefits.³⁵

In facilitating women to pursue employment and careers of their choice, Hong Kong, China extended its paternity leave in 2019 from three days to five days. The plan to extend maternity leave is currently undergoing a legislative process, with a proposal to increase the current maternity leave of 10 weeks to 14 weeks. The government will reimburse the additional four weeks paid leave to avoid inadvertent consequences on women's employment opportunities.³⁶

Moreover, some APEC economies have also introduced policies and programmes to enable leave flexibility, that helps to facilitate parents' sharing of childcare responsibilities. For example, New Zealand's Parental Leave Policy has paid parental leave that is transferrable to

²⁹ Brunei Darussalam; Hong Kong, China; Indonesia; Korea; Malaysia; Papua New Guinea; Singapore; Chinese Taipei and Thailand currently do not have specific regulations.

³⁰ Brunei Darussalam; Hong Kong, China; Indonesia; Mexico; Malaysia; Papua New Guinea; Thailand and the United States currently do not have specific regulations.

³¹ Brunei Darussalam; Malaysia; New Zealand; Papua New Guinea; and Thailand currently do not have specific regulations.

³² Brunei Darussalam; China; Hong Kong, China; Indonesia; Mexico; Malaysia; Peru; The Philippines; Papua New Guinea; Thailand and Viet Nam currently do not have specific regulations.

³³ Japan's IER submission.

³⁴ Chile's IER submission.

³⁵ Source: <https://www.bcn.cl/leyfacil/recurso/posnatal-de-emergencia-y-crianza-protégida>

³⁶ Hong Kong, China's IER submission.

a second parent. In addition to extending the paid parental leave to 26 weeks, New Zealand provides up to 20 hours free early childhood education per week under the Support for Working Parents programme. This programme also provides all employees with the right to request flexible working conditions, such as a variation to days, hours or location of work. Similarly, Australia also has a Parental Leave Pay system that can be transferred from the primary carer to their partner to promote greater flexibility and equality in how parents choose to balance work and caring responsibilities, provided both parents meet the work, income and Australian residency tests.³⁷ Canada, in its Budget 2018, increased the duration of parental leave by 5 weeks (from 35 weeks to 40 weeks) if the second parent, usually the father, agrees to take a minimum of 5 weeks.

Positive progress has also been seen in the area of paternity leave, with 15 APEC economies providing paid paternity leave in 2020 from only two economies in 2000. While policies on maternity and paternity leave have been continuously improving in the APEC region, further reform can be made to promote flexibility on allocation of leave days among mothers and fathers, as only a few APEC economies introduced such flexibility (see Table 3.7).

Table 3.7. Policies and programmes promoting flexible leave allocation across APEC economies

Policies or programmes	No. of APEC economies implementing
Flexible parental leave policy that can be transferable among mother and father	5
Flexible parental leave policy that can be taken at any period of time	10
Availability of incentives if both parents take parental leave (e.g., in the form of additional leave or bonus periods).	3
Tripartite paternal leave policy (some period of leave days for mothers only, some for fathers only, and some shared by both parents)	7

Source: Compiled by Presisi Indonesia from Economy sources and relevant Government websites

Access to affordable childcare facilities

Women spend significantly more time on family and domestic responsibilities compared to men, which places limitations on the time available for formal work outside of home. Without adequate support to take over these domestic responsibilities, especially taking care of the children, women will face barriers to return to work after childbirth.

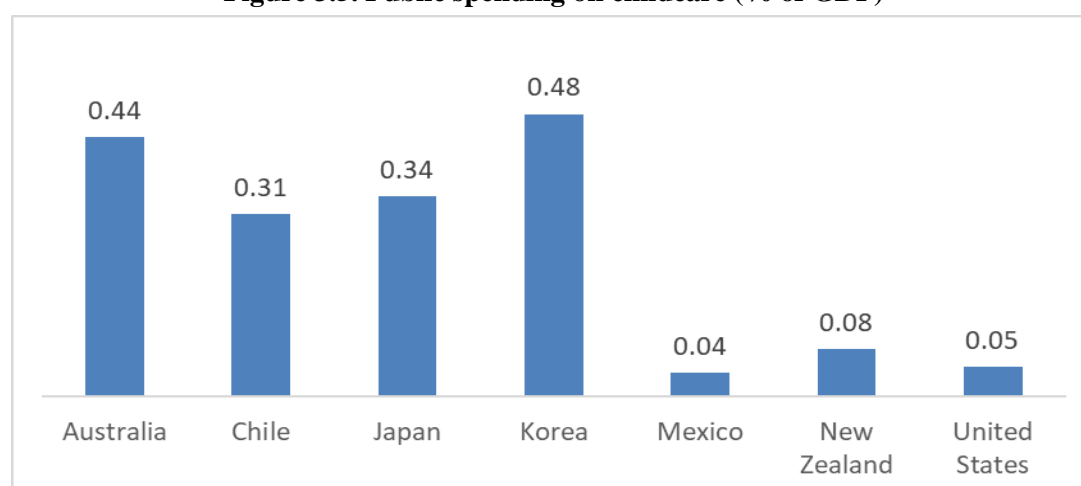
When mothers do return to the workforce, access to childcare improves their attendance, productivity, retention and prospects for advancement. Childcare can be very expensive, especially when there is limited government support for the provision of public childcare services or subsidies. Women, who traditionally earn less on average than men, may therefore opt out of the workforce to care for their children. Structural reforms can help to lower childcare cost, increase the availability of facilities and ensure that quality childcare is more readily accessible (APEC 2019c).

Affordable childcare options allow parents to make work–life decisions that fit their needs and enable parents with young children to fully engage in paid work. Recognising this, governments across the APEC region have established childcare facilities, or given subsidies and other forms of incentives to such facilities, or provided tax-deductible payments for

³⁷ Australia's IER submission.

childcare. Figures from a selected sample of APEC economies show spending on childcare ranging from 0.04 to 0.48 percent of GDP (Figure 3.5)³⁸.

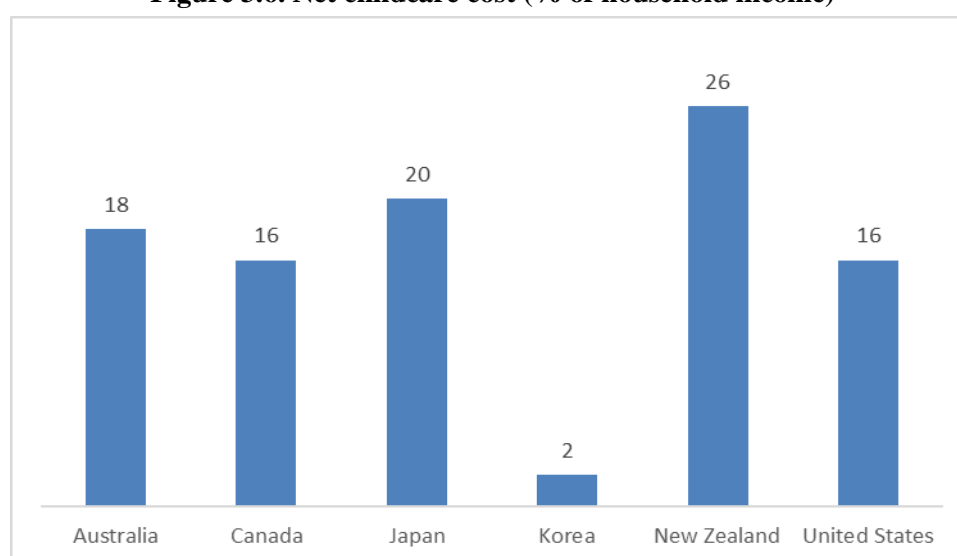
Figure 3.5. Public spending on childcare (% of GDP)



Source: OECD 2015.

The affordability of childcare services remains an issue for many families in APEC economies. While cost of childcare in Korea is as low as 2 percent of household income due to high subsidies, it can reach more than 20 percent in other economies (Figure 3.6). The corresponding cost for families in Nordic economies, where childcare is highly subsidised, is below 10 percent³⁹. To encourage more women to enter the workforce, further reforms should be initiated to make childcare services affordable.

Figure 3.6. Net childcare cost (% of household income)



Source: OECD 2019.

Governments may take different approaches to make childcare more affordable. All but three APEC economies⁴⁰ have either government-provided childcare, subsidies or other forms of

³⁸ These levels are relatively low in comparison to public spending on childcare in Nordic economies, which ranged around 0.59 to 1.06 percent of GDP.

³⁹ Except for Finland, where the net childcare cost is equivalent to 16 percent of the household income, but parents taking care of children up to 3 years old at home receive a childcare allowance.

⁴⁰ Brunei Darussalam; Indonesia; and Papua New Guinea currently do not have regulations for such services and incentives.

government incentives such as tax-deductible payments for childcare. The Hong Kong, China government provides about 7,500 places at some 250 Child-Care Centers (CCCs), including standalone CCCs and kindergarten-cum-CCCs. In December 2016, the government commissioned a Consultancy Study on the Long-Term Development of Childcare Services to improve the quality and provision of childcare services over the long term. As an extension to the CCC programme, the kindergarten education scheme was introduced starting in the 2017/18 school year. The scheme gives direct subsidies to kindergartens to provide quality half-day services. Additional subsidies are provided to participating kindergartens offering whole-day services so as to enable parents to join the labour force.⁴¹

To achieve zero children on waiting lists for places at childcare facilities, the Japanese government – based on the Plan for Raising Children in a Peaceful Environment announced in June 2017 – aims to build childcare facilities to accommodate 320,000 children by the end of fiscal year 2020, as the employment rate of Japanese women is expected to reach 80 percent. In addition, to reduce parents' financial costs related to preschool education and care, the Child and Child Care Support Act was revised in May 2019, allowing children aged 3 to 5 and children from birth to 2 years old in households that are exempt from paying residential tax, to attend kindergarten, childcare facilities, Centres for Early Childhood Education and Care (*nintei kodomo-en*) and other similar facilities free of charge.⁴²

Child Care Subsidy (2018) is the most significant reform to the early education and care system in Australia in recent decades. The programme is the main channel that the government uses to assist families. The government pays the subsidy directly to childcare providers, who, in turn, pass this on to families as a fee reduction. Families make a co-contribution to their childcare fees, paying the provider the difference between the fee charged and the subsidy amount. This mechanism is simpler than the previous multi-payment system and is better targeted to provide more assistance to low- and middle-income families. The level of subsidy is determined by measures such as combined family income and the type of childcare service. Complementing this programme is the Child Care Safety Net, which provides additional fee assistance for vulnerable families.⁴³

Some economies introduced cash subsidies or tax-free payments for families with children. In Thailand, Childcare Subsidy for Poor Families (2015) provides THB 6,000 (USD 186) per month for poor families with children aged 0 to 3 years old. Although not tied directly to child care expenses, the Canada Child Benefit (2018) is a tax-free monthly payment made to eligible families to help with the cost of raising children under 18 years, and may include the child disability benefit and any related provincial and territorial programmes.

Malaysia provides incentives to the private sector to provide childcare facilities. Employers can benefit from a double tax deduction for the cost of providing and maintaining childcare centres at the workplace. At the same time, a 10 percent Industrial Building Allowance is available for buildings used as childcare centres. Registered childcare centres are also offered a 20 percent discount on their electricity bill to lessen the operating cost. These programmes run parallel to the government programme to build childcare centres in government-owned buildings, including hospitals and schools, and provide individual tax relief of RM2,000 (USD 461) to parents who send their children to childcare centres and kindergartens.⁴⁴

⁴¹ Hong Kong, China's IER submission.

⁴² Japan's IER submission.

⁴³ Australia's IER submission.

⁴⁴ Malaysia's IER submission.

While the policies and programmes related to childcare are aimed at supporting women's participation in the labour force, they may result in discrimination against women, negatively affecting their access to employment. The Chilean Labour Code requires firms with 20 or more female employees to provide childcare services to all children aged 2 years or younger. This provision creates an adverse incentive for companies to cap the number of women employees at under 20. There is currently a bill being discussed in Congress to provide universal daycare services for women, and thus eliminate one of the barriers to hiring women.⁴⁵

The introduction of quality and affordable childcare may be a key reason for high FLFP in the Nordic economies. The Nordic economies invest a greater proportion of their GDP in childcare services than the world's average, and the fees that families pay are relatively low and affordable. Fees vary across the Nordic economies, but they are all highly subsidised, with services often available at reduced rates or, in some economies (e.g., Denmark), free for low-income families. Norway introduced a new rule in 2015 capping a family's childcare fee for the first child at 6 percent of the family's total income. In Denmark, the fees differ slightly across municipalities, but regulations stipulate that parents never pay more than 25 percent of the operating cost of care, with additional discounts for low-income families, single parents, large families and children with disabilities (OECD 2020a). Similar fee caps also exist in the other Nordic economies.

Career interruptions that women experience during the childcare period should not jeopardise their long-term financial stability. Thus, in addition to supportive childcare policies, policies and programmes addressing care-related contribution credits could help address the adverse impact women commonly experience by being primary caregivers to the elderly and children. There are nine APEC economies with regulations that account for the periods of absence from work due to childcare in pension benefits.⁴⁶

The COVID-19 pandemic added another layer of difficulty in women's access to childcare services. For example, the closure of childcare facilities at the peak of the pandemic highlights the importance of childcare, as many working parents found it challenging to balance their work and family responsibilities during the lockdown periods. Childcare affordability is likely to remain a key concern as parents gradually return to their workplaces (OECD 2020a).

Access to long-term care leave

Women around the world endure a common cultural bias that unpaid domestic and care work is seen as primarily a woman's responsibility. Globally, women undertake 75% of unpaid care and domestic work or three times that of men (OECD 2019, SIGI 2019 Global Report). Apart from taking care of children, women are also often relied upon and expected to serve as the primary caregivers for the elder family members, which can limit their economic participation outside of home.

To take care of its ageing population, Japan implemented the Child Care and Family Care Leave Law to provide long-term leave of 93 days for each eligible family member. If a worker needs to take care of a family member requiring constant care and does not take caregiver leave, the employee can take any of the following measures: short working hours, flexi-time, advancement or postponement of the hours for starting/finishing work, and subsidisation of

⁴⁵ Chile's IER submission.

⁴⁶ Brunei Darussalam; Canada; Chile; Hong Kong, China; Japan; Korea; New Zealand; Peru; and Russia already have this provision.

family care costs. The Child Care and Family Care Leave Law also allows employees to split their long-term caregiver leave entitlements over multiple instances as well as take short-term caregiver leave by the half-day.⁴⁷ In addition, workers caring for people who need nursing care may be exempted from overtime work.

China regulates care leave for dependents at the municipal level. Henan provides 20 days per year, while Fujian provides 10 days per year. If the dependent has reached the age of 60 and is treated in the hospital, employees taking leave will receive full earnings during the period of leave. In 2013, China revised its 1996 Law on Protection of the Rights and Interests of the Elderly to shift the responsibility of eldercare from solely resting on the family to include the community and the government. For instance, China has adopted regulations to improve urban and rural community facilities for the elderly and incentivised local governments to provide subsidies for care services for the most vulnerable elders (APEC 2019c).

Canada established Caregiving Benefits and Leave in 2018, which gives a caregiver financial assistance of up to 55 percent of earnings, to a maximum of USD 573 a week. There are three types of caregiving benefits: (1) family caregiver benefit for children; (2) family caregiver benefit for adults of up to 15 weeks, for care for a critically ill or injured person 18 or over; and (3) compassionate care benefit of up to 26 weeks, for care of a person of any age who requires end-of-life care.

Other APEC economies also have regulatory frameworks that detail the government's responsibility for eldercare. The legal framework in Korea states that the government has full responsibility for eldercare. The Philippines includes the government's role in caring for the elderly in their economy-level development plans. Thailand issued the Second National Plan on the Elderly (2002–2021) to implement eldercare policies through domestic plans or implementation strategies (APEC 2019c).

iv. Addressing discriminatory employment practices and restrictions on women's employment

Discriminatory practices in women's employment

As shown in Table 3.8, almost all APEC economies have a Labour Act that highlights non-discrimination in terms of employment. Only three economies do not specifically prohibit discrimination in employment based on gender. Most APEC economies have laws prohibiting discrimination based on gender in the hiring process, penalising the dismissal of a pregnant woman and providing maternity leave. In addition, since 2013, women in all APEC economies are allowed to work the same night hours as men (APEC 2019d).

However, discrimination against women at work is often implicit and based on stereotypes about women's and men's traditional roles in society. For example, in the United States, 24,655 workplace discrimination charges were filed on the basis of sex in fiscal year 2018. Estimates have found that the global costs of gender-based discrimination in formal and informal laws, social norms and practices could reach up to USD12 trillion annually (APEC 2019b). It should be noted that there is a role for reporting mechanisms in capturing accurate data on workplace discrimination charges, as there could be instances where incidents are not reported due to considerations about the system's transparency and accessibility, for example.

⁴⁷ Based on an amendment in March 2016.

Many APEC economies are well-placed to maximise women's economic potential. However, they are failing to reap the returns from their investment in female education (WEF 2019a). Although the gender gap in terms of education is narrowing, this is not the case for employment. The FLFP was equal to 65.8 percent in the APEC region, far below the male labour force participation rate (75.2 percent) in 2018.⁴⁸

A few APEC economies show a gap between their female and male labour force participation rates of more than 20 percentage points. This could suggest unequal distribution of domestic responsibilities, gaps in labour-related regulations affecting women or the existence of a wage gap. In particular, time spent on unpaid domestic responsibilities was significantly higher for women compared to men. In many economies, this is partly due to cultural factors whereby women are expected to shoulder the bulk of the responsibility for taking care of children and the elderly.

Table 3.8. Discriminatory employment practices affecting women in the APEC region

Economy	Can a woman get a job in the same way as a man?	Does the law prohibit discrimination in employment based on gender?	Does the law mandate equal remuneration for work of equal value?	Can women work the same night hours as men?	Can women work in jobs deemed dangerous in the same way as men?	Are women able to work in the same industries as men?
Australia	Yes	Yes	Yes	Yes	Yes	Yes
Brunei Darussalam	Yes	No	No	Yes	Yes	Yes
Canada	Yes	Yes	Yes	Yes	Yes	Yes
Chile	Yes	Yes	No	Yes	Yes	Yes
China	Yes	Yes	No	Yes	No	No
Hong Kong, China	Yes	Yes	No	Yes	Yes	Yes
Indonesia	Yes	Yes	No	Yes	Yes	Yes
Japan	Yes	Yes	Yes	Yes	Yes	No
Korea	Yes	Yes	No	Yes	No	No
Malaysia	Yes	No	No	Yes	Yes	No
Mexico	Yes	Yes	No	Yes	Yes	Yes
New Zealand	Yes	Yes	Yes	Yes	Yes	Yes
Papua New Guinea	Yes	Yes	No	Yes	No	No
Peru	Yes	Yes	Yes	Yes	Yes	Yes
The Philippines	Yes	Yes	Yes	Yes	Yes	Yes
Russia	Yes	Yes	Yes	Yes	No	No
Singapore	Yes	No	No	Yes	Yes	Yes
Chinese Taipei	Yes	Yes	Yes	Yes	Yes	Yes
Thailand	Yes	Yes	Yes	Yes	Yes	No
United States	Yes	Yes	No	Yes	Yes	Yes
Viet Nam	Yes	Yes	Yes	Yes	No	No

Sources: World Bank 2020; and Economy sources.

⁴⁸ Calculated using a population-weighted mean.

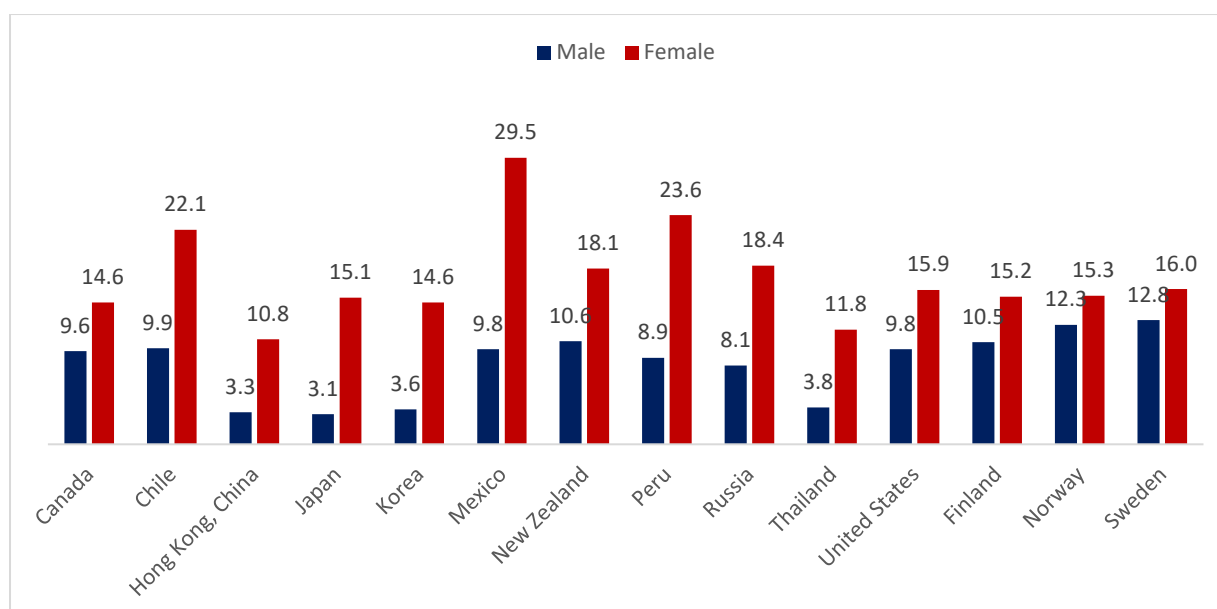
Cultural norms and domestic care responsibilities

Cultural norms and disproportionately larger share of domestic care responsibilities have become barriers for women to fully participate in the economy. For some APEC economies, these factors are behind lower female labour force participation in the economy as highlighted in Part 2 of this report. APEC economies are exerting effort to change cultural mindsets and gender stereotypes to allow women to participate more in the economy.

Given that the bulk of domestic responsibilities often falls on women, participating in the formal economy presents additional challenges, and policies and programmes are needed to address this issue. While changing the cultural mindset will take time, measures such as flexible working arrangements, low-cost childcare facilities, parental leave and policies that allows accessing to helpers will help in the short term.

Outside the APEC region, Nordic economies offer a good example in balancing careers and family life, with significantly greater paternal involvement in childrearing compared to their APEC peers. Time spent by husbands on housework and caring for a small child averages one hour and 23 minutes per day in Japan (Gender Equality Bureau Cabinet Office 2020), whereas it is about three hours in Norway⁴⁹. In general, the gap between men and women regarding the time spent on unpaid domestic and care work has been wider in APEC economies compared to Nordic economies (Figure 3.7).

Figure 3.7. Proportion of time spent on unpaid domestic and care work in selected APEC and Nordic economies



Note: Data are expressed as a proportion of time in a day. According to the World Bank, the proportion of time spent on unpaid domestic and care work is defined as the average time spent on household provision of services for own consumption. Data are expressed as a proportion of time in a day. Domestic and care work includes preparing food dishwashing, cleaning, upkeeping a dwelling, doing laundry, ironing, gardening, caring for pets, shopping, installing, servicing and repairing of personal and household goods, childcare, and caring of the sick, elderly or disabled household members, among others.

Source: World Bank

⁴⁹ In Nordic economies, governments tackle gender stereotype issues through education from an early age, in addition to providing policies and programmes that facilitates sharing domestic responsibilities (OECD 2018b).

Employment discrimination: Sectoral restrictions on labour

Few APEC economies still impose restrictions on employment in certain sectors. The most common labour restriction for women is the prohibition on working in mines. This restriction exists in China; Japan; Korea; Papua New Guinea; Russia and Viet Nam (World Bank 2019a).

Some APEC economies have a wider list of restrictions. In Thailand, for instance, under the Labour Protection Act, an employer cannot require that a female employee do the following: (1) mining or construction work to be performed underground, underwater, in a cave, in a tunnel or mountain shaft, except where the conditions of work are not harmful to the health or body of the employee; (2) working on a scaffold of 10 metres or more above the ground; (3) producing or transporting explosives or inflammable materials, except where the conditions of work are not harmful to the health or body of the employee; and (4) any other works as prescribed in the ministerial regulations (Vipamaneerut and Khaw 2018).

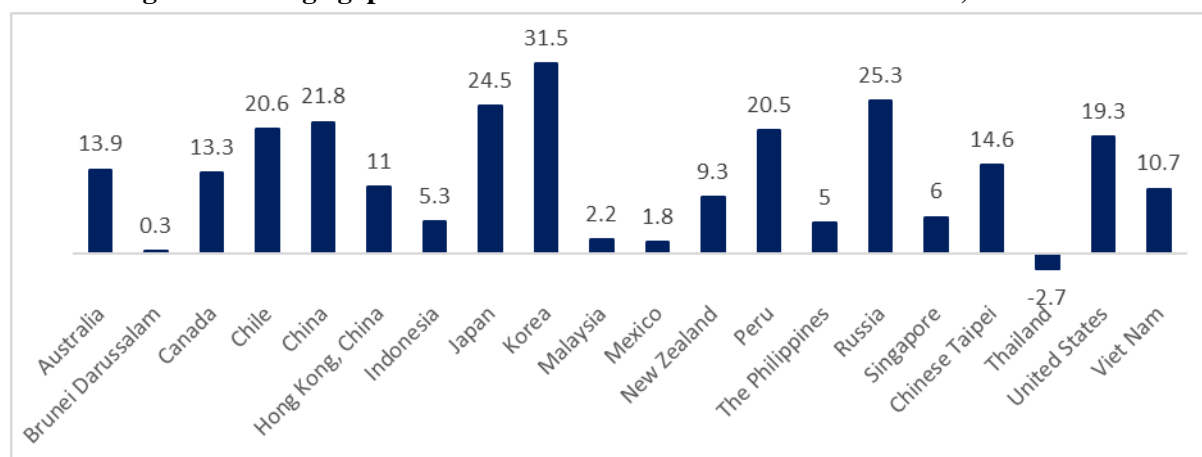
In Russia, the Labour Code of 2001 stipulates that the use of female labour shall be restricted in certain industries. Russia restricts women from engaging in heavy jobs and jobs with toxic or dangerous working conditions which may harm their reproductive health. It is worth noting that the list has been updated by the Ministry of Labour through Order no. 512H (18 July 2019). The new list of industries, jobs and positions that are physically demanding or accompanied by dangerous working conditions, and where women's labour is restricted, now number 100, instead of the previous 456. The order will be effective 1 January 2021.

Labour restrictions hinder women's participation in the workforce; cognizant of this, several APEC economies have already moved to reduce the list of prohibitions in order to bring more women into the labour market.

Pay equity to reduce wage gap

Another issue related to employment is the gender wage gap. As shown in Figure 3.8, the wage gap between men and women is apparent in most APEC economies. A wider gap implies that the opportunity cost for electing paid work outside home over caring for children or the elderly is too low for women. This could lead to a decision to leave the workforce, thus reducing the participation of women in the economy. Among APEC economies, the wage gap in Chile; Korea; Peru; and Russia is high. Thailand is an exception, with women nowadays more than men according to current data⁵⁰.

⁵⁰ Part 4, section B.i. provides an explanation of the good practices implemented by Thailand to eliminate the gender wage gap against women.

Figure 3.8. Wage gap between male and female in APEC economies, 2017–2019

Note: The gender wage gap is calculated from the difference between average earnings of men and average earnings of women expressed as a percentage of average earnings of men. No data available for Papua New Guinea.

Sources: ILO, Workplace Gender Equality Agency Australia, Statistics Canada, South China Morning Post, Hong Kong Business, Jakarta Post, IMF, Stats NZ, Epetia, Ministry of Manpower (Singapore), Taipei Times, and Business Insider.

Some APEC economies have shifted their definition of equal remuneration from guaranteeing equal pay for men and women doing equal work to ‘pay equity’, that is, the same pay for women and men doing different jobs of equal value. Several APEC economies have formed task forces or commissions to engage labour market stakeholders as an integral part of developing equal pay legislation (APEC 2019c).

Addressing pay equity requires legislation. However, only a few economies in the APEC region have enacted relevant laws, with a minimal rise within a decade from six APEC economies in 2009 to nine economies by 2020.

In Canada, the government introduced the Pay Equity Act, which establishes a proactive pay equity regime for the federally regulated private and public sectors. The Pay Equity Act received Royal Assent in December 2018 and will come into force once necessary regulations are in place. The Pay Equity Act applies to all federally regulated employers with 10 or more employees, including the federally-regulated private sector (about 6 per cent of employees), the federal public service, as well as the offices of Canada’s highest authorities.⁵¹

New Zealand also actively promotes pay equity with the passage of the Equal Pay Amendment Act 2020. The case in New Zealand is rather different. There exists an undervaluation of occupations predominantly performed by women, resulting in these occupations being paid less than occupations predominantly performed by men, even when the levels of skills and responsibilities required are similar. To address this, New Zealand amended the Equal Pay Act 1972, expanding pay equity to cover employees working in female-dominated professions so that they can obtain fair pay compared to male-dominated professions if their work is undervalued due to systematic, structural discrimination based on sex.

In Korea, the Equal Employment Act states that (1) any employer shall pay equal wage for work of equal value in the same business; and (2) criteria for work to be considered of equal value shall be the level of skill, effort, responsibility and working conditions required in

⁵¹ Canada’s IER submission.

carrying out the duties. In setting up the criteria, employers shall take the advice of those who represent workers in the grievance council.

Chile also offers an interesting case after its parliament approved a law to close the wage gap in 2009 (Estrada 2009). Workers in Chile can submit their complaints to the employer should they become victims of gender-based wage discrimination, and employers must have procedures in place to deal with such complaints. One of the problems related to gender-based wage discrimination is the availability of information on wages as the basis for complaint as such information is considered sensitive. Chile's new law requires companies with more than 200 workers to draw up a register specifying their employees' positions, functions and essential technical qualifications.

Mexico adopted the Gender Equity Model, a management system with a gender perspective, which provides tools to companies, public institutions and social organisations to commit to gender equality. The objective is to develop and promote gender equality in organisations through the institutionalisation of policies that promote equal opportunities between women and men in access to employment, working conditions, as well as professional development, training and participation in decision-making processes. The Gender Equity Model was applied from 2003 to 2015.⁵²

Malaysia is in the middle of drafting a bill that focuses on women's empowerment and non-discrimination to achieve gender equality. The government is also in the process of making amendments to the Employment Act of 1955 to address current challenges and issues faced by women in Malaysia, led by the Ministry of Human Resources. Malaysia recognises that more effort is needed to implement pay equity principles, including amending the labour law and imposing penalties for failure to comply with the law.

According to article 22 of Russia's Labour Code, an employer is obliged to provide employees with equal pay for work of equal value. Article 132 of Russia's Labour Code prohibits workplace discrimination based on gender, stipulating that an employee's wage depends on his/her qualifications, complexity of work executed, and the amount and quality of the input labour.

Going beyond APEC economies, Iceland serves as an interesting case as the first to introduce a mandatory pay equality certificate. It developed a certification scheme for gender pay equality, specifying that the certification process has to be undertaken every three years to ensure that the standard is maintained (OECD 2018a). It is worth noting that the implementation of policies like this, along with heavily subsidised childcare, generous parental leave provisions and legislation that supports gender equality, may have contributed to reduced gender pay gap and significantly higher FLFP in Nordic economies.

Career advancement to top leadership

The lack of women in top leadership not only stunts the ability of women to have fulfilling careers, realise their potential and earn higher incomes, but also negatively affects companies' bottom lines. Research shows that companies in the top quartile for gender diversity in their executive teams are 21 percent more likely than other firms to report above-average profitability, while the figure three years earlier was 15 percent (McKinsey Global Institute 2018).

⁵² Mexico's IER submission.

Despite a narrowing of the educational attainment gap between women and men, there remain internal barriers for women with respect to top leadership positions. According to Bain & Company's research in 2019, an important source of inspiration among women in the United States is the potential to advance to senior leadership positions, but many have been given the message that wanting money and power is unfeminine. Another study by Hayes, Artabane and Martin (2019) indicated that only 46 percent of women in the United States feel inspired and motivated to pursue senior leadership roles.

Apart from prevailing cultural norms about women's roles and responsibilities, a masculine corporate culture is also a barrier for women in pursuing leadership positions (ILO 2015). A survey covering women in the Asia-Pacific has found that the existing work model, which requires availability and geographical mobility at all times, topped the list of barriers to improving gender diversity within top management.⁵³ To counter the existing barriers from traditional working arrangements and workplace environments, some companies have introduced policies to enhance work–life balance (e.g., flexible working hours) and programmes tailored to the needs of women employees (e.g., mentorship, skills building and networking).

Across APEC economies, there are no laws discriminating against women pursuing leadership positions. Each economy promotes measures in advancing women for leadership, such as capacity building (training and development), funding/grants, scholarship/financial assistance, or incentive-based programmes.

Japan's FLFP by age group resembles an M-shaped curve: the highest employment rate as of 2013 is at 74.9 percent for women aged between 25–29 years, declining to around 60 percent for women in their 30s, and then increasing for women in their 40s and older (women beyond the childbearing age in general)⁵⁴. In 2015, the Act on the Promotion of Female Participation was enacted to increase FLFP and ensure equal opportunities. Specifically, this Act obliges employers with more than 300 regular employees to understand current conditions surrounding women's empowerment, analyse existing issues, develop action plans and make the information public. The government issues an Eruboshi certification for employers that excel in promoting women's empowerment and reward them with preferential treatment (i.e., granted points in public procurement).

This Act was revised in 2019 and now has expanded the scope of obliged employers from those with more than 300 regular employees to those with more than 100 employees. In addition, the revised Act has strengthened employers' information disclosure, as well as introduced a Platinum Eruboshi that grants companies more points in public procurement. The revised Act took effect in June 2020, while the expansion of scope of obliged employers will take effect from April 2022.

Meanwhile, local governments in Japan are also involved in developing and publicising plans to promote female participation and advancement in their respective jurisdictions. A set of integrated measures for promoting women's empowerment, including the Act on the Promotion of Female Participation, has seen increases in the following since 2015: (1) the number of women in the workforce; (2) the employment rate for women between 25 and 44

⁵³ Forty-five percent of the respondents mentioned this as one of the top three high-level barriers (Women Matter survey 2015, in McKinsey Global Institute 2018).

⁵⁴ Japan's Case Study submission

years of age (the childraising period); and, (3) the number of women represented on the boards of publicly listed companies.

Among APEC economies, Thailand and the Philippines have recorded progress in promoting gender diversity in top leadership, with 64.8 percent and 29.9 percent, respectively, of firms having women as the top managers (World Bank 2016). In addition, 43.2 percent of companies in Thailand are headed by women directors (World Bank 2018).

In the case of Thailand, the progress of women in achieving top leadership positions is concentrated in the private sector. Grant Thornton International conducted a survey in 2019 involving 5,000 senior leaders worldwide, and the data snapshot for Thailand indicates that women make up 33 percent of chief executive officers (CEOs) and managing directors (more than double the global average of 15 percent); 26 percent of chief finance officers; 17 percent of chief operating officers; and 16 percent of chief marketing officers. The three most common actions taken by businesses in Thailand involve creating an inclusive culture (37%), enabling flexible working (28%) and reviewing recruitment approaches (22%) (Thornton 2019). This shows that business communities outperform the public sector in terms of women's representation in leadership roles. There were no women in ministerial-level positions in Thailand as of 2018, while women held 16.2 percent of seats in parliament as of 2019 (World Bank 2018, 2019a).

The high proportion of women in top leadership positions in the Philippines is supported by a narrowing gender gap in education,⁵⁵ a high number of women participating in the workforce, increased access to health services, particularly access to maternal healthcare, and their political participation (Makati Business Club 2019). The Philippine Commission on Women introduced the Framework Plan for Women (2001–2004), in which one of the action plans was to enhance women's leadership roles and participation in the decision-making process. In line with the objective of promoting more women to directorships, the Security and Exchange Commission Advisory of the Philippines introduced in 2015 a policy encouraging all publicly listed companies to elect at least one woman independent director.

Governments in APEC have introduced policies and programmes to support more women in advancing to professional leadership positions. To equip women with the necessary skills and leadership qualities, many APEC economies provide capacity-building programmes and grants for women. Some APEC economies also require women to be represented in board positions, especially within publicly listed companies⁵⁶.

For government policies and programmes aimed at promoting women to top leadership to be successful, their implementation in the workplace is key. As shown by the successful policies and programmes in APEC economies, support from employers is needed to make the plans a reality.

Alongside initiatives to enhance women's ability to advance professionally, concerted efforts should be taken to ensure that there is corresponding progress in enhancing women's skills and competencies through education to prepare them for the higher positions. There is also a need to provide support so that women can remain in the workforce following the birth or adoption of a child, and continue to work toward leadership roles, which means ensuring legal protection

⁵⁵ Women's educational attainment rate for bachelor's degree: 18.8%; men's educational attainment rate for bachelor's degree: 13.2% (World Bank 2017).

⁵⁶APEC economies that already have regulations on gender diversity in publicly listed companies include: Australia; Chile; China; Hong Kong, China; Japan; Malaysia; Mexico; New Zealand; the Philippines; and Singapore.

against discrimination in the workplace, and the availability of affordable and quality childcare services.

Box 3.1. COVID-19 impact on APEC Economies: Is It gender-neutral?

Women are more disproportionately affected by the COVID-19 pandemic and are more vulnerable to economic shocks related to this pandemic (Durant and Coke-Hamilton 2020). The greater burden of domestic care for women has been one of the reasons for such gender-biased impact. Increasing domestic care responsibilities with children out-of-school, rising care needs of older persons and sick relatives have affected many aspects of women's lives, including their education and economic empowerment.

One of the lessons learned from the Ebola crisis was a huge rise in adolescent pregnancy, which was directly linked to school closures (UNESCO 2020). This created barrier to girls returning to school. Girls are less likely to return to school after a prolonged absence (UNESCO 2020). Such condition may lead to a wider gender gap in terms of education in the future.

According to Madgavkar et.al. (2020), women's jobs are 1.8 times more vulnerable than men's jobs because of the pandemic. Women represented 39 percent of global employment but accounted for 54 percent of overall job losses. This is particularly triggered by over-representation of women in several sectors that are hard-hit by the COVID-19 crisis. Globally, women account for 54 percent of jobs in hospitality and food services, 43 percent in retail and wholesale trade; and 46 percent in arts, recreational activities and public administration. (United Nations 2020). Within APEC, women take up around 59 percent of jobs in hospitality and food services and 51 percent of jobs in wholesale and retail trade. In addition, women account for 73 percent of jobs in health and social work services, which have been stretched significantly during this pandemic.

Meanwhile, in lower income economies, women are largely engaged in informal work and other vulnerable forms of employment (De Paz et al 2020). They are more vulnerable, as their access to social protection and digital tools to work during the pandemic is minimal.

The COVID-19 pandemic has also amplified the credit gap against women. A recent study on manufacturing SME's access to credit in Viet Nam found that women-led firms in food and beverages and apparel sectors are one-third more likely to get loan applications rejected than similar men-led firms (Estrada et al 2020). Structural inequalities in accessing credit during the pandemic suggest that women's business opportunities are affected disproportionately in comparison to men's business opportunities.

The COVID-19 pandemic also adversely affects women doing unpaid work. For women who work, reduced productivity due to additional care responsibilities increases the chances for women to be furloughed or passed over for promotion – an impact that could negatively affect lifetime incomes including pensions (Power 2020).

Movement restrictions have brought significant social, economic, and psychological consequences, which can be the catalyst for stress leading to violence (Usher et al 2020). Unfortunately, violence against women has increased during the pandemic around the world, with an increase of cases beyond 25 percent in many economies with reporting systems in place. (United Nations 2020).

Support for women-led entrepreneurship

In dealing with gaps in labour participation and wages, the entrepreneurial sector provides an avenue for women to participate in the economy. Women and men across APEC economies are legally equal in registering a business or undertaking a contract, but access to financing may be limited for women in some economies.

As with a corporate or professional career, entrepreneurial endeavours pose both internal and external challenges for women. Internal barriers are driven by personal preferences and qualities that influence entrepreneurial choices, such as perceptions of opportunities, self-confidence, and fear of failure linked to entrepreneurship.

Women also face constraints emanating from external pressures that prevent them from engaging successfully in entrepreneurship, including social norms that limit women's activity outside of domestic responsibilities, laws that discriminate against women in registering a business or opening bank accounts, and lack of initial endowments such as land, capital or credit. All APEC economies empower women to register a business, open a bank account and sign a contract in the same way as men, although some economies require an additional day to process business applications submitted by women. However, women's access to credit remains hampered by creditors' discrimination based on gender and marital status.

APEC economies have addressed these internal and external constraints through a comprehensive approach to help women in starting up and running their business, covering access to skills development, financing assistance, markets, networking and coaching/mentoring, often in collaboration with multiple government agencies. However, further improvements could be made to ensure that the programmes have clear targets and are sustained throughout the entrepreneurial lifecycle, as these characteristics are not evident in the policies or programmes that many APEC economies have introduced (Table 3.9). Well-defined objectives and targets will bring clarity on resource allocation, and progress and achievements can be monitored.

Table 3.9. Policies and programmes establishing gender equality in entrepreneurial opportunities across APEC economies

Characteristics of women entrepreneurship policies or programmes	No. of APEC economies implementing
Delivered under collaboration of multiple government agencies	16
Duration of programme spanned over various stages of the entrepreneurial lifecycle (pre start-up, start-up, and business development)	10
Comprehensive approach, e.g., capacity building, access to financing, and networking/market access	19
Clear target during certain period of time (at least 4–5 years)	8

Source: Compiled by Presisi Indonesia from Economy sources and relevant Government websites.

APEC economies such as Australia; Canada; China; Russia; and the Philippines provide various types of policies or programmes to assist women-led entrepreneurship, involving capacity building (training and development, mentorship), financial assistance (microloans, grants/funding) or networking support. Further, new approaches to supporting women are emerging. This includes the use of public procurement measures to open up new markets for female entrepreneurs (e.g. United States), tailored support for growth-oriented women entrepreneurs (e.g. Ireland) and business incubators that are dedicated to female entrepreneurs (e.g. Korea) (Halabisky 2018).

In 2018, Australia initiated the Women's Economic Security Statement to promote women's participation in the economy, earning potential and economic independence. This initiative introduced various grants to encourage entrepreneurship and self-employment for women, including the Boosting Female Founders and Future Female Entrepreneurs programmes. The government also invests in a number of global and regional initiatives and organisations focused on strengthening women's economic security and inclusion, such as the Women Entrepreneurs Finance Initiative, which provides financial and technical assistance for women-

led SMEs and support for policy and regulatory reform to remove barriers to women's economic participation.

Upholding the belief that women are indispensable to the economy, China has supported women's participation in economic activities through its policies and programmes. To promote entrepreneurship to rural and unemployed women, the government issued a policy on microloans and interest subsidies in 2009, raising the ceiling of microloans for women as well as expanding the coverage of microloans from the urban unemployed and people with difficulty in finding jobs, to rural women. Women's federations have since been involved in providing microloans, with special funding from the government.

The policy achieved positive results. As of December 2018, guaranteed loans of CNY 383,773 million (USD 55.8 billion) had been granted to 6.56 million women across China, together with interest subsidies amounting to CNY 40,895 million (USD 5.9 billion). By combining microloans for women with the development of the agriculture sector, local governments guided women to increase their earnings, facilitated local industrial restructuring and improved the rural living environment. These policies also elevated the status of rural women and alleviated social problems relating to their wellbeing.

To promote women's empowerment through entrepreneurship, Russia established the Mom Entrepreneur programme in 2018 to help women to start a business. This programme targets women on maternity leave and mothers of minor children, as well as women registered at the public employment agency. The programme is delivered over five days, and covers basic business skills and practical immersion in the business environment. The best business plans presented by the participants are awarded with grants to help them start businesses. Between 2016 and 2020, about 4,000 women took part in 145 training courses, which have been held in 62 regions of Russia. In 2019, 1,768 women participated in the project, and 62 winners received financial assistance to start a business.

In Canada, the Women's Entrepreneurship Strategy (WES), a whole-of-government approach to helping women grow their businesses through access to financing, talent, networks and expertise, seeks to double the number of women-owned businesses by 2021, with a nearly CAD 5 billion investment.

Box 3.2. COVID-19 impact on micro entrepreneurs: Great Women Project 2 in the Philippines

Women in the Philippines are facing challenges to their safety and wellbeing during COVID-19, such as gender-based violence and economic insecurity. While the impacts of COVID-19 are not fully revealed yet, it is evident that the pandemic has heightened existing gender and social inequalities in the Philippines (UN Women 2020).

The patriarchal culture that lingers in the Philippines has placed greater burden on women during this pandemic. Although there are campaigns to encourage men to share in domestic responsibilities, women still carry a greater share of unpaid household work and face the threat of violence within the family. The Philippines has actually been able to reduce cases of violence with the introduction of the Violence against Women and Their Children Act of 2004, but the cases seem to have increased during the pandemic, even though the actual data may not reflect the real magnitude of the problem. Many women are not willing to report their household cases to the authorities or face difficulties accessing the relevant institutions due to lockdowns. A report from UN Women shows that, during

the period of quarantine in 15 March – 2 April, the Philippine National Police received reports of 391 cases of violence against women and 42 cases of rape (UN Women 2020).

In addition to the threat of domestic violence, women are also among the hardest hit economically. In the Philippines, women are overrepresented in the informal economy, with 6.8 million women working in the informal sector. In the formal sector, many women are employed in the services industry, including retail, hospitality and tourism (Figure 3.9). These were among the first sectors impacted by COVID-19, resulting in partial to full business shutdowns. For MSMEs, the lockdown has resulted in temporary closures for most, or a significant decline in revenue for those able to remain operational (UN Women 2020).

Figure 3.9. Employed women by major industry group, 2017 (%)



Source: Philippine Statistics Authority 2018.

While actual data take time to gather, a proxy of the impact of the pandemic on female employment is seen through the Gender-Responsive Economic Actions for the Transformation of Women (Great Women) Project 2. Started in 2015 with support from the Canadian government, the project focuses on four sectors: homestyle and wearable (textile, furniture, homeware, fashion, and apparel), coffee, cacao and processed food and nuts. Prior to the pandemic, the Great Women Project 2 had 1,000 micro entrepreneurs (with a total of 13,000 workers). Only 5.1 percent of them remain fully operational, with the remainder operating at half (or less) capacity, struggling to survive. The project was to be completed by the end of 2020. However due to COVID-19, it has been extended until 2022.

The government has come up with several initiatives to help deal with the negative impact from COVID-19, such as a grant offered by the Department of Agriculture for farmers, and by the Department of Trade for MSMEs. Specific support for women comes from the TESDA Women's Center under the Department of Trade and Industry. TESDA takes an active role in providing free online training for women, which will be beneficial when businesses restart after the pandemic is contained.

Good practices in promoting more women in the entrepreneurship sector involve an integrated approach supported by collaboration among multiple parties. For example, in France, the Women's Entrepreneurship Plan (*Plan Entrepreneuriat des Femmes*) was launched in 2013 as a collaboration across French ministries and banks⁵⁷ to increase the proportion of women in

⁵⁷ The programme was initiated by the ministry in charge of women's rights, the Ministry of National Education, Higher Education and Research, and by the minister responsible for SMEs, innovation and the digital economy. It embodies a

new business start-ups from 30 percent in 2012 to 40 percent in 2017. The programme focused on three pillars of support: (1) improving information dissemination to women entrepreneurs on available public support; (2) providing individual support to entrepreneurs (e.g., mentoring, training, networking); and (3) improving access to finance. In addition, some measures are targeted to women entrepreneurs in rural areas.

The key to the success of this initiative was its integrated approach comprising women's capacity building, access to financing, and the range of support spanning pre-start-up, start-up and business development activities. In 2013, the initiative mobilised a network of 130 women entrepreneurs, and they reached 2,600 young women who were interested in becoming entrepreneurs. The loan guarantee fund (*Fonds de Garantie à l'Initiative des Femmes/FGIF*) assisted 2,075 women in starting their business in 2015 and helped create 3,095 jobs (OECD 2016). In 2016, FGIF helped 2,382 women start their business (Ministry of Gender Equality, Diversity and Equal Opportunities n.d.). The programme has been extended until 2020 in the 1st inter-ministerial plan for professional equality.

v. Addressing constraints on women's freedom from violence and freedom of movement

Freedom from domestic violence

Violence against women, both at home and at work, has a significant negative impact on women's performance and productivity in the workplace. It results in loss of income and increased costs for women, including for accessing health services and taking days off from work. In Viet Nam, the direct costs of domestic violence represent 21 percent of women's monthly income; while domestic violence survivors earn 35 percent less than women who are not abused. The persistence of domestic violence has resulted in a total loss of earnings equivalent to nearly 3 percent of the economy's GDP (Jatfors 2017).

For the business sector, violence against women significantly lowers the productivity and profitability of the businesses through higher turnover, lower individual performance, increased health expenses, absenteeism, lateness and other human resource related costs. For instance, businesses in Peru lost 70 million workdays due to domestic violence, equivalent to 3.7 percent of GDP in 2013. The economic costs of violence against women have been estimated between 1.2 and 3.7 percent of Peru's GDP (Jatfors 2017).

Almost all APEC economies already have regulations addressing domestic violence (World Bank 2020).⁵⁸ In New Zealand, the private sector became increasingly concerned about the high rates of domestic violence and the costs associated with it, including loss of employees and high rates of absenteeism. After several companies enacted policies to support victims of domestic violence, the government enacted the Family Violence Act in November 2018, repealing its Domestic Violence Act of 1995. The new act grants 10 days of paid leave for victims of domestic violence, giving them time to leave their partners, find new homes, and protect themselves and their children. During the COVID-19 pandemic, domestic violence issues have become even more pronounced (see Box 3.2).

In 1994, the United States Congress passed the Violence Against Women Act (VAWA) in recognition of the severity of crimes associated with domestic violence, sexual assault, and stalking; this federal law has been reauthorized in 2000, 2005, and 2013. Created in 1995, the

commitment from the Interministerial Committee for Women's Rights in November 2012, and is also in line with the Entrepreneurship Conference.

⁵⁸ Russia currently does not have specific regulations.

United States Department of Justice's Office on Violence Against Women (OVW) administers financial and technical assistance authorized by VAWA to communities across the United States that are developing programs, policies, and practices aimed at ending domestic violence, dating violence, sexual assault, and stalking. Federal funding is awarded to local, state and tribal governments, courts, non-profit organizations, community-based organizations, secondary schools, institutions of higher education, and state and tribal coalitions. Federal grants are used to develop effective responses to violence against women through activities that include direct services, crisis intervention, transitional housing, legal assistance to victims, court improvement, and training for law enforcement and courts. Since its inception, OVW has awarded over \$9 billion in grants and cooperative agreements and has launched a multifaceted approach to implementing VAWA. By forging state, local, and tribal partnerships among police, prosecutors, judges, victim advocates, health care providers, faith leaders, and others, VAWA grant programs help provide victims with the protection and services they need to pursue safe and healthy lives, while simultaneously enabling communities to hold offenders accountable for their violence.

In 2016, Indonesia launched the Three Ends Programme to (1) end violence against women and children; (2) end human trafficking; and (3) end barriers to economic justice. Under this programme, the central government provides technical assistance to regional governments in developing gender-responsive budgets/activities/programmes, and implements a mandatory obligation for regional governments to conduct training and technical assistance for women entrepreneurs.

In 2017, Canada launched the Strategy to Prevent and Address Gender-Based Violence, committing \$100.9 million over five years and \$20.7 million over year ongoing, to support the implementation of a whole-of-government approach to prevent and address this form of violence. The strategy includes the creation of the Gender-Based Violence (GBV) Knowledge Centre within the Department for Women and Gender Equality, which will better align existing resources across government and support the development and sharing of research and data to enable a more coordinated, evidence-based action on GBV.

Another important programme focusing on women is the Peace Village Initiative, which aims to tackle the threat of radicalism by empowering communities, through promoting social cohesion, community resilience, societal equality and respect for diversity. The Peace Village Initiative purposefully places women as the main actors in building peace in the family, community and local governance. Women are engaged to foster their ability to become economically independent, to actively participate in community decision-making processes and to creatively develop peace narratives.

Box 3.2. New Zealand: Domestic violence during the COVID-19 pandemic

New Zealand's labour force is highly segregated by industry and gender, with women more likely to work in lower-paid jobs and part-time work. For example, women make up 71.3 percent of part-time workers. They also represent the majority of the health sector (78 percent), making them at higher risk of exposure to COVID-19; and the majority of the retail trade and accommodation industry (57.6 percent), a sector with the lowest median earnings and one of the hardest-hit during the pandemic (Ministry for Women 2020).

On top of the economic impact on paid work, the COVID-19 pandemic also adversely affects women doing unpaid work. When family members have to stay at home due to quarantine measures, women

have to take on more responsibilities, including taking care of the children or the elderly, in addition to doing household chores. For women who work, structural inequalities, such as the gender pay gap and occupational segregation, could make it more likely for women to sacrifice their income in order to absorb the additional care responsibilities during the pandemic.

Evidence shows that the risk of gender-based violence, such as family and sexual violence disproportionately affects women, and rises during emergencies and disasters (True 2016). Some women may experience even greater impacts, especially those who are already vulnerable to violence due to existing inequalities, such as minority ethnic groups, disabled women or women in migrant households. Home isolation and physical distancing during the pandemic mean that women are more exposed to their abusers, and are unable to seek support or escape to safer spaces. New Zealand's service provider, Women's Refuge, experienced up to 35 percent increase in demand for family violence services compared to the same period the previous year (Women's Refuge 2020).

To tackle this violence issue, the government allocated around NZD 183 million (USD 120 million) over the next four years for the Ministry of Social Development to ensure continued access to specialist family violence services, including: services supporting victims of family violence, services to help perpetrators stop inflicting family violence, and support for victims of elder abuse. An additional NZD 19.9 million (USD 13 million) was allocated to a cross-agency initiative involving police, justice and health agencies to ensure victims of non-fatal strangulation⁵⁹ can access highly trained medical practitioners to deal with the trauma and for forensic services necessary to gather evidence for prosecution (New Zealand Family Violence Clearinghouse 2020).

The additional funding will help ensure that specialist family violence providers can meet the anticipated high demand for their services during COVID-19 lockdowns, especially when the services are more challenging and costly to deliver due to extra health and safety precautions. The funding will go toward providing more competitive wages for staff, so that the sector has a more solid foundation for engaging, supporting and retaining their workforce; as well as for training, supervision, management and organisational costs. Services for vulnerable communities, such as indigenous groups, migrants and refugees, are also covered by this funding.

In reaching out to communities, the government activates various communication channels to provide updates on the COVID-19 situation and available resources. A dedicated section on family violence and sexual violence prevention is included in the government's official website on COVID-19 with information on helplines for victims and perpetrators seeking support (New Zealand Government 2020a, 2020b). The website of the New Zealand Family Violence Clearinghouse (n.d.) also has a dedicated section with information on preventing and responding to family, *whānau* (extended family) and sexual violence during COVID-19. Information is available in multiple languages, ensuring that the updates and resources can be easily accessed by all ethnic groups.

In Russia, a special working group was formed under its upper chamber of the parliament, the Council of Federation of the Federal Assembly, to improve legislation and law enforcement practices in order to effectively prevent domestic violence. This working group has prepared a draft federal law called "On the prevention of domestic violence in the Russia"; public discussion of the said draft law is currently undergoing. Moreover, in line with the National Action Strategy for Women (2017-2022), the Center for Assistance to Victims of Domestic Violence was established in 2018 in cooperation with the Council of Europe, with support from the European Union, to provide legal assistance on domestic violence issues.

Globally, almost all economies (82%, or 155 economies) have laws addressing domestic violence (World Bank 2020). While policies that protect women from domestic violence are

⁵⁹ Non-fatal strangulation or suffocation was made a specific offence related to family violence on 3 December 2018.

already widely implemented across economies, a strong enforcement mechanism can be the difference. Also, to strengthen protection for women, many economies launched programmes promoting prevention measures. Successful policies and programmes in selected APEC economies ensure that support for victims of violence is available and accessible. Nineteen APEC economies already have support centres or helplines as a quick contact for women seeking assistance related to violence, abuse or harassment. This support becomes even more important during the COVID-19 pandemic, since victims of violence may not easily be able to escape to a safer place.

Culture remains a crucial factor in how women respond to domestic violence. Many women do not report abuse because they believe that domestic violence should be kept private. Added to this is the stigma that victims of domestic violence may face. A study in Malaysia finds that victims believe domestic violence to be a 'family matter', and that the violence was the result of some action by the survivor of the abuse (WAO 2017).

Therefore, policies or programmes to counter violence against women should be aimed at all genders, not only women or potential victims of the violence. Preventive measures should aim to educate the public that violence against women is not acceptable. Based on the experience of successful programmes in the past, collaborative efforts that involve multiple parties establishing an economy-wide agenda on issues of domestic violence, and support from media campaigns, have helped raise awareness. Almost all APEC economies have introduced domestic campaigns to raise awareness on violence against women, mindful that a consistent and continuous campaign will pay dividends in the long run.

Freedom from violence in the workplace

Although both men and women could experience sexual harassment in the workplace, the majority of the victims are women. Victims are likely to be younger, hold lower positions, mostly work with, and are supervised by, members of the opposite sex, and, particularly for female victims, work in male dominated occupations.

Studies have shown that sexual harassment not only reduces employees' productivity leading to a higher employee turnover and increased absenteeism, but is also associated with a decrease in companies' returns and profitability (Au, Dong and Tremblay 2020; Newman 1995 in World Bank 2020). Sexual harassment can also have a negative impact on efforts to increase the number of women leaders in business by making men and women reluctant to be included in mentorship programmes (McKinsey Global Institute 2018).

Besides sexual harassment, women also experience gender-specific abuse in the workplace. Evidence around the world shows that pregnant workers, as well as women and men returning from maternity, paternity or parental leave, can experience harassment by co-workers, subordinates or superiors. Requests for breastfeeding breaks or other family-friendly working arrangements can also result in humiliating treatment, emotional abuse, employment relocation and other pressures aimed at isolating workers and forcing them to resign (ILO 2018a).

There are 17 APEC economies that have set out regulations on sexual harassment in employment.⁶⁰ In addition, 14 APEC economies have criminal penalties or civil remedies for sexual harassment in employment (World Bank 2020).

⁶⁰ Brunei Darussalam; Indonesia; Papua New Guinea; and Russia currently do not have specific regulations.

Tackling issues of violence against women in the workplace usually involves strong support from organizations. In addition to a strong enforcement mechanism by the government, workplace policies and initiatives from employers, particularly the implementation of good corporate governance, play a significant role in creating a culture that prohibits discrimination against women. The government can assist employers by providing guidelines on protecting female employees from violence and harassment in the workplace. In APEC, most economies have built such standards and guidelines (see Table 3.10).

Table 3.10. Policies and programmes protecting women from gender-based violence

Policies or programmes	No. of APEC economies implementing
Support centre or helpline/hotline to protect women from violence (domestic violence, violence in the workplace, or in the public space)	19
Capacity-building programmes (training and development) for professionals working with victims and perpetrators of violence	16
Economy-wide campaigns to build public awareness on violence against women	19
Government standard/guideline for employers on protecting female employees from violence or harassment in the workplace	18

Source: Compiled by Presisi Indonesia from Economy sources and relevant Government websites

Some economies provide policies and programmes to help employers develop guidelines for preventing violence in the workplace. Viet Nam's Code of Conduct on Sexual Harassment in the Workplace (2015) provides guidance to employers in developing their own policies for preventing and addressing sexual harassment at work, and to promote healthy, safe and productive workplaces. Singapore introduced the Tripartite Advisory on Managing Workplace Harassment (2015) to serve as a practical guide covering proactive management, key steps and remedial actions for employers and employees to better prevent and manage harassment at the workplace. Singapore also set up the Workplace Harassment Resource and Recourse Centre under the Tripartite Alliance for Fair & Progressive Employment Practices (TAFEP) in 2019 to provide guidance and resources to employers in implementing proper grievance handling of workplace harassment and an additional avenue for employees to report workplace harassment and seek assistance and advice.

Japan established the One-stop Support Center for Victims of Sexual Crime and Violence, as part of the 4th Basic Plan for Gender Equality (2015) with the aim of improving people's safety and security. While the Plan sets the target of establishing at least one unit of one-stop support center in each prefecture by 2020, the target was achieved earlier than planned, with centers established in all prefectures by the end of fiscal year 2018.

The Philippines, which has many women working in the services sector and overseas, developed the Philippine Plan for Gender-Responsive Development (1995–2025). The framework for the plan addresses violence against women in the following ways: (1) respect for human rights and desire for peace and social justice underlying the strategies of protecting overseas female contract workers; (2) setting up shelters and crisis centres for women; and (3) adopting laws dealing with violence.

Further control and enforcement measures are also necessary to help prevent violence against women in the workplace. Australia's Workplace Gender Equality Act (2012) requires non-public sector employers with 100 or more employees to submit an annual report detailing progress in the prevention of sex-based harassment and discrimination. Meanwhile, Korea implements an Electronic Monitoring System (2007) to prevent sexual violence against women by obligating offenders to wear GPS-based ankle monitors to prevent them from reoffending.

Freedom of movement

Women also experience violence when travelling to and from the workplace, and may face restrictions on travel within and between economies. Most women worldwide feel unsafe in public transport and have been victims of some form of physical or verbal harassment and other forms of violence in public spaces. As a result, women often prefer driving, using taxis or other forms of for-hire ride services rather than walking, cycling or using public transport (ITF 2018). This could mean women incurring significant costs travelling to and from work, thus increasing the trade-off for women's economic participation outside of their home. In addition, the lack of safe transportation could limit women's access to education, healthcare and jobs, and increase inequality and social exclusion.

According to the World Bank (2020), most APEC economies have regulations that allow women to travel outside their home in the same way as men,⁶¹ implying that regulations are present to ensure non-discriminatory practices in women's freedom of movement. However, sexual harassment against women across APEC economies remains prevalent. In Chile, 46 percent of women report having been harassed in public at least once in their lives and 17 percent of women report being harassed in public at least once in the past 12 months; while 90 percent have been harassed in public at some point. In Mexico, 71 percent of women reported feeling unsafe or insecure on public transport. Although there are frequent incidents of harassment on public transport, most cases are not reported, and even fewer result in a prosecution. In New York, it is estimated that 96 percent of sexual harassment cases and 86 percent of sexual assaults on the subway are not reported. Out of all 21 APEC members, only four economies have explicit laws on sexual harassment in public places, indicating a significant gap in the regulations on sexual harassment in public places, impacting many women as they go to and from work. However, sexual harassment in public places is often regulated at the municipal level (APEC 2019b).

A study in Peru suggests that infrastructure investments that make it more convenient and safer for women to use public transport, could generate important labour market impacts for women. The newly opened public transportation systems – Bus Rapid Transit (BRT) and elevated light rail – in the metropolitan region of Lima, Peru are equipped with lighting, security personnel and security cameras at stations and on board trains, which represent substantial improvements relative to the safety measures found in the public transport in the rest of the city. A study by Institute of Labour Economics (IZA) reveals that the improved infrastructure brought an increase of 17 percent in the probability of employment among women living closer to the systems and a 23 percent increase in earnings per hour driven largely by women joining the labour market (Martinez et al. 2018).

Papua New Guinea has the Port Moresby Safe Cities Programme, which is part of the UN Safe Cities Free from Violence against Women and Girls programme.⁶² From 2015, the programme expanded coverage from the Gerehu and Gordons markets to include the Koki market as well as a Safe Public Transport programme for women and children. The Safe Cities Programme aims to reduce public violence and thereby increase women's engagement in market activity in Port Moresby.

The United States Department of Transportation, in partnership with transit agencies and other state and local authorities, implemented an initiative to ensure the safety of transit riders, including preventing human trafficking, sexual harassment and assault. Under the

⁶¹ Brunei Darussalam and Malaysia currently do not have specific regulations.

⁶² The implementing partners are the National Capital District Commission (2012–2017) and Ginigoada (2015–2018).

Transportation Leaders against Human Trafficking initiative, the US Department of Transportation engaged industry leaders, trained its employees, and provided public awareness materials to recognise and report this issue, especially in addressing the specific concerns of women and girls. For example, transit agencies are working to create a culture among their employees which ensures that every report of harassment and assault is taken seriously, including providing training to reinforce a culture of zero tolerance. Transit agencies also use advertising to educate community members on how to report incidents, as well as warn potential perpetrators that harassment will not be tolerated. Viet Nam has taken a similar capacity building approach by training employees of the Ministry of Transport and the provincial-level Departments of Transport on gender issues in transportation (Arango et al. 2015).

Some APEC economies introduced women-only vehicles or compartments, as implemented in Japan; Malaysia; Mexico; and Thailand (Zermeno et al. 2009; Nathan Associates 2018). However, this short-term solution does not necessarily change the behaviour of the perpetrators and might be perceived as a segregation tool against women (Gardner, Cui and Coiacetto 2017).

To protect women from violence in public spaces, some economies utilise technology. Korea has introduced mobile applications to keep women safe while commuting or walking in public spaces. The Seoul city government developed the 'Seoul Relieved 서울시 안심이' smartphone application to protect women by providing safety features such as emergency report during a dangerous situation, with an integrated CCTV control centre to quickly locate the site and promptly dispatch police officers when necessary; location tracking to notify guardians; and a service to accompany women returning home late at night. After further system integration with respective districts outside of Seoul and piloting, this mobile app is targeted to become available for economy-wide services in the second half of 2021.

Innovative technologies and business models can provide opportunities for improving safety and security for women in public places. The nature of technology-based solutions that empower communal involvement and can be quickly replicated across jurisdictions can help to tackle commonly shared challenges across APEC economies in protecting women in public places.

PART 4: ENFORCEMENT OF STRUCTURAL POLICIES TO ENABLE WOMEN'S ECONOMIC PARTICIPATION

This part will explore how APEC economies approach the enforcement of structural policies that enable women's equal economic participation. Discussed at length are the monitoring and enforcement mechanisms that address the discriminatory employment practices that have presented obstacles to women's economic participation, from achieving equal pay for equal work or work of equal value, to getting access to credit, advancing toward leadership positions, having freedom from violence and harassment, gaining access to education and skills training, and obtaining maternity leave.

Most of the regulations put in place across the APEC region to advance women's economic participation are sufficiently clear and comprehensive. However, implementation can become the key challenge. Thus, enforcement and monitoring remain crucial. Based on previous empirical studies, several challenges in monitoring and enforcement are identified: data accuracy; limited awareness within regulatory agencies and other stakeholders about women's empowerment programmes and their subsequent implementation; and transparency issues. To strengthen monitoring and enforcement efforts, capacity building, producing and publishing sex-disaggregated data, and setting target variables are required.

Sex-disaggregated data are useful to identify the different situations of women and men, including changes over time; to understand the impact of events such as episodes of economic crisis on women, and hence assist in formulating activities in response to these events; to better allocate resources to support programmes and policies that are beneficial to women; to evaluate and monitor results and outcomes by sex; and to show progress or lack thereof in advancing women's economic empowerment using relevant indicators and regular data publication (APEC 2019c).

The objective of this section is to investigate:

- how APEC economies are monitoring employers' compliance with legislation and regulations relating to women's economic participation.
- how APEC economies enforce regulations to increase women's participation in the labour market, in particular, those regulations related to equal pay for equal work or work of equal value, women's access to credit⁶³, advancing women toward leadership positions, women's freedom from violence and harassment, women's access to education and skills training, and maternity leave; including the mechanisms used (judicial and/or non-judicial).
- how APEC economies can improve monitoring and enforcement efforts.

To address these objectives, this section presents a review of the regulations, research studies and other relevant sources on monitoring and enforcement mechanisms. This part is structured as follows: (A) monitoring and enforcement mechanisms in relation to stakeholder engagement; (B) review of regulations on monitoring and enforcement at the international level; and (C) monitoring and enforcement efforts, and the gaps and impacts.

⁶³ Covering all loans in the financial market to start a business,

A. MONITORING AND ENFORCEMENT MECHANISMS

Every economy has its own mechanism to monitor and enforce gender equality and women's empowerment. These mechanisms are important as they signal the level of commitment to implement policies that encourage the greater participation of women in the economy. As presented in Table 4.1, the monitoring and enforcement mechanisms for women's empowerment involve several players with defined roles, including the government, employer, labour union and the workers themselves.

Table 4.1. Enforcement mechanisms

	Government	Employers/Bipartite/ Tripartite	Labour unions and NGOs	Individual
Enforcement mechanisms	<ul style="list-style-type: none"> • Labour inspectorates • Conciliation and arbitration • Courts and tribunals • Tax inspectors • Positive incentives or 'naming and shaming' • Sanctions 	<ul style="list-style-type: none"> • Independent, bipartite or tripartite auditing of companies • Employer associations – members to respect collective agreements 	<ul style="list-style-type: none"> • Action at workplace and sector-level to enforce collective agreements • NGOs – publicity and advice campaigns • Naming and shaming 	<ul style="list-style-type: none"> • Access to legal/semi-legal remedies • Whistle-blower protections

Note: The parties in the tripartite arrangements are the government, trade unions and employers' associations.
Source: Rubery and Koukiadaki 2016.

i. Government

Governments should work to ensure that they have adequate enforcement mechanisms, including functioning labour inspectorates, that allow them to monitor and inspect workplaces, especially where women are vulnerable to discrimination and harassment. Although the government's role might vary across economies, governments need to have various tools at their disposal to inspect labour conditions, enforce regulations and establish a system where all parties involved can participate in the monitoring and enforcement process. The monitoring and enforcement mechanisms can be analysed using three features: structure and location, role/function and resources. The following explains these features.

Structure and location

The structure of the mechanism can be based on a formal mandate by the government, through the appointment of a lead agency. Some economies might not have any lead agency. Instead, they may form a working group, focal point or inter-ministerial body to monitor and implement programmes on gender equality and women's empowerment. These structures could either be formed at the central government level or decentralised to local or provincial levels.

Working groups or focal points within sectoral/ministerial/inter-departmental institutions are commonly assigned to monitor and implement the government's strategy on women's empowerment. The government can also establish an accountability institution that is mainly responsible for monitoring and enforcement. In practice, a number of different accountability institutions have been put in place by governments, such as the office of the ombudsman,⁶⁴ equality boards or anti-discrimination bodies.

⁶⁴ The ombudsman is an institution that interacts closely with citizens and acts as a guardian of citizen's rights as well as functions as a mediator with the public administration. Its privileged contact with citizens and its expertise in the functioning

Role/Function

Comparisons between economies can be done by analysing the scope of the domestic mechanisms. The analysis attempts to find out whether the role of domestic entities or working groups are focused only on monitoring or enforcement, including whether they have the right to impose fines or sanctions on employers and individuals who violate regulations. A mapping of monitoring and enforcement institutions is required to analyse whether overlapping roles/functions among institutions is affecting the efficacy of these domestic mechanisms.

Resources

Resources have been conceptualised in a multidimensional way to include: (1) financial and human resources; (2) leadership quality of domestic mechanisms; and (3) political support from the top leadership as well as powerful constituencies, the mass base and other stakeholders.

In most economies, equality legislation is administered by labour inspection services. The labour inspection service has three main responsibilities: (1) providing advice and information to increase the compliance rate; (2) monitoring and enforcement, conducting inspections, hearing complaints by employees, and (as a last resort) imposing sanctions to enforce compliance; and (3) providing feedback, submitting input to competent authorities on gaps in domestic labour law and regulations (Thomas et al. 2010).

Several economies have also established independent equality commissions responsible for promoting equality through practical and institutional measures. These agencies are assigned to give policy directions and guidance, monitor and enforce anti-discriminatory measures and examine complaints of discrimination (Thomas et al. 2010).

ii. Employers

Monitoring and enforcement mechanisms for women's economic participation are also linked to employers. In practice, employers may participate in these mechanisms as individual entities or as part of an employers' association. Employers as individuals are able to conduct their monitoring and enforcement role through internal auditing or by hiring an independent auditing company to assess whether they have complied with all guidelines and regulations. Employers can also participate through collective agreements under employer associations. Employers should also be encouraged to set up grievance mechanisms that allow workers to voice their concerns. This is particularly important for women who are also migrant workers (Verité n.d.).

iii. Labour unions and NGOs

The presence of labour unions in the economy is important since they are able to initiate action at the workplace and sector level to enforce collective agreements. Unions could also monitor whether employers are complying with regulations. Labour unions can also act as mediators in any dispute between an employee and the employer. Relevant NGOs may be able to participate in the enforcement process. As they are not affiliated with the employer or the government, they are able to provide independent monitoring. However, their role might be limited to providing recommendations. Other than their monitoring role, labour unions can also campaign for improvements in gender equality at the domestic and international levels, and inform and educate their members.

of public administration puts it in a unique position to promote the principles of open government, both in its own functioning and in that of the public administration as a whole.

iv. Individuals

In any enforcement mechanism, individuals need to actively participate by knowing their rights, aware of how to access an enforcement mechanism if their rights are violated and how to protect themselves from victimisation in the process of enforcing their rights. In some cases, the lack of such knowledge and awareness could add challenges to the enforcement process. In other cases, the lack of whistle-blower mechanisms to protect the victim could discourage individuals from participating in the monitoring and enforcement process.

Enforcing through an individual litigation-driven model might have several challenges, such as the complexity of the procedure, the litigation costs, the need to provide proof, and less rewarding results (Rubery and Koukiadaki 2016). At the international level, individuals may file a complaint to the human rights treaty bodies, as discussed in the next section.

B. REVIEW OF REGULATIONS ON MONITORING AND ENFORCEMENT AT THE INTERNATIONAL LEVEL IN THE APEC ECONOMIES

International standards, conventions or commitments are primary tools for governments that, in consultation with employers and workers, are seeking to draft, implement and enforce laws or policies in conformity with internationally accepted standards. There are many conventions or actions that also state monitoring and enforcement measures such as the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) and the International Covenant on Economic, Social and Cultural Rights (ICESCR), along with several International Labour Organization (ILO) Conventions.

Acceptance of CEDAW⁶⁵ involves undertaking a series of measures to end discrimination against women in all forms⁶⁶. With regard to monitoring and enforcement, there is no formal mechanism for individuals and NGOs to participate in the monitoring process. Instead, the CEDAW committee relies on information submitted by NGOs. CEDAW members are required to submit an initial report on compliance after ratifying the Convention (Schuler and Flowers 2003). They must then submit periodic reports every four years.

With regard to the ICESCR,⁶⁷ it promotes the equal rights of men and women, including fair wages and equal remuneration for work of equal value without distinction of any kind, particularly for women to have access to work conditions not inferior to those enjoyed by men.

In terms of monitoring and enforcement of the ICESCR, parties that have adopted the agreement are obliged to submit regular reports to the Committee on Economic, Social and Cultural Rights. The report needs to explain how rights are protected through the implementation of domestic policy, and the initial submission should be made within two years of accepting the ICESCR, and thereafter, every five years. The Committee examines each report and addresses its concerns and recommendations in the form of 'concluding observations'.

⁶⁵ While 14 APEC economies have ratified the convention, 6 economies are still on accession.

⁶⁶ Those measures include: (1) incorporating the principle of equality of men and women in their legal system, abolishing all discriminatory laws and adopting appropriate ones prohibiting discrimination against women; (2) establishing tribunals and other public institutions to ensure the effective protection of women against discrimination; and (3) ensuring elimination of all acts of discrimination against women by persons, organisations or enterprises.

⁶⁷ More than half of the APEC economies have ratified the ICESCR.

With regard to rights at work, the ILO has issued conventions (or protocols), which are legally binding international treaties that may be ratified by members, as well as recommendations, which serve as non-binding guidelines. Specific to promoting gender equality, the ILO has enacted several conventions, including: (1) Maternity Protection Convention; (2) Night Work (Women) Convention; (3) Equal Remuneration Convention; (4) Discrimination (Employment and Occupation) Convention; and (5) Violence and Harassment Convention. In addition, the ILO has enacted several governance conventions to promote an international labour standards system, such as the Labour Inspection Convention.

The key international developments with far-reaching implications are the Equal Remuneration Convention, 1951 (no. 100)⁶⁸ and the Discrimination (Employment and Occupation) Convention, 1958 (no. 111).⁶⁹ With regard to equal remuneration, Article 1 of ILO Convention no. 100 states:

- a. The term **remuneration** includes the ordinary, basic or minimum wage or salary and any additional emoluments whatsoever payable directly or indirectly, whether in cash or in kind, by the employer to the worker and arises out of the worker's employment.
- b. The term **equal remuneration for men and women workers for work of equal value** refers to the rates of remuneration established without discrimination based on sex.

Meanwhile, to eliminate violence and harassment in the workplace, the ILO Violence and Harassment Convention, 2019 (no. 190) and its accompanying Recommendation (no. 206) was adopted (ILO 2020b). ILO Convention no. 190 sets a comprehensive international standard and defines the term 'gender-based violence and harassment' as violence and harassment directed at persons because of their sex or gender or affecting persons of a particular sex or gender disproportionately and includes sexual harassment.

ILO Convention no. 190 specifies that members need to establish or strengthen enforcement and monitoring mechanisms, while ILO Recommendation no. 206 specifies that members must involve workers and their representatives in the design, implementation and monitoring of the workplace policy. As part of monitoring, members should strive to collect and publish statistics on violence and harassment at work, disaggregated by sex, form of violence and harassment, and sector of economic activity, including with respect to other vulnerable groups. The ILO suggests that the data could be collected via administrative sources, household-based surveys and establishment-based surveys (e.g., labour force surveys).

To further promote equality of women in the workforce and the health and safety of the mother and child, the ILO adopted the Maternity Protection Convention, 2000 (no. 183)⁷⁰ as a revision of the Maternity Protection Convention, 1919 (no. 3) and Maternity Protection Convention (Revised), 1952 (no. 103).⁷¹ ILO Convention no. 183 extends maternal protection to all employed women. Duration of protection is also lengthened, with up to 14 weeks of maternity leave, including six weeks of compulsory postnatal leave.

Labour inspection is an integral part of the monitoring and enforcement mechanisms for equality in the workplace. The ILO has promoted the ratification of two conventions: Labour

⁶⁸ 17 APEC economies have ratified ILO Convention no. 100.

⁶⁹ More than half of the APEC economies have ratified ILO Convention no. 111.

⁷⁰ ILO Convention no.183 has been enforced in Peru.

⁷¹ ILO Convention no. 103 has been enforced in Chile; Papua New Guinea; and Russia.

Inspection Convention, 1947 (no. 81)⁷² and Labour Inspection (Agriculture) Convention, 1969 (no. 129). Labour inspectors monitor the implementation of domestic labour standards in the workplace and advise both employers and employees on how to apply said standards.

ILO Convention no. 81 stresses the importance of a system of labour inspection for workplaces, especially for industry and commerce. It describes a set of principles for establishing rules on labour inspection, including the functions and organisation of the system of inspection, the recruitment criteria, the status and the terms and conditions of service of labour inspectors, and their powers and obligations. The economies that have ratified this convention also need to expand the implementation to non-commercial sectors. The labour inspectorate in each economy is required to publish and communicate to the ILO an annual report indicating the general functioning of its services on a number of issues.

While the conventions mentioned are conceptually good, it is a challenge to implement them at the domestic level. As ILO (2007) noted, enforcement of equality policies in the workplace is weak. An obstacle to the enforcement process can be men who do not understand the importance of equality; but perhaps the biggest obstacle is the fact that many workers around the world lack awareness of their rights.

International conventions can serve as a guide in crafting related domestic regulations, and can help shape monitoring and enforcement mechanisms for women's empowerment in APEC member economies. Many APEC economies have established commissions that investigate cases of alleged gender discrimination⁷³. In addition, some APEC economies have established commissions on equal opportunities⁷⁴.

Furthermore, several APEC economies have established labour inspections enforcing equal rights in employment. For instance, Australia's Fair Work Ombudsman implements compliance and enforcement policies in employment. In Japan, Prefectural Labour Bureaus facilitate disputes between worker and employer (OECD 2019b). The United States established the Equal Employment Opportunity Commission, which is responsible for enforcing non-discrimination in the job application process and at work. In Viet Nam, labour inspectors are authorized by law to enforce labour legislation and issue sanctions for non-compliance (ILO 2020c).

Although some APEC economies have implemented enforcement systems, inadequate enforcement still remains due to a confluence of factors including an insufficient number of labour inspectors, failure to provide effective remedies through courts, ambiguous wording in regulations and limited funding (OHCHR 2014, Wong 2019, UN Women 2020b).

C. MONITORING AND ENFORCEMENT: GAPS AND IMPACTS

This section reviews good practices on monitoring and enforcement, as well as implementation gaps and impacts in areas such as equal pay for equal work or work of equal value, women's access to credit, women's advancement to leadership positions, women's freedom from violence and harassment, women's access to education and skills training, and maternity leave. These areas have enabled women to increase their participation in the labour market, as indicated empirically in Part 2.

⁷² ILO Convention no. 81 has been enforced in 10 APEC economies, and entered into force in Canada on 17 June 2020.

⁷³ For example: Australia; Canada; Indonesia; Korea; Malaysia; New Zealand; and the Philippines.

⁷⁴ For example: Hong Kong, China; and Chinese Taipei.

This section also discusses the impact of the practices related to monitoring and enforcement on related economic variables or proxies. It further investigates the gaps in the monitoring and enforcement mechanisms in APEC economies, drawing comparisons with the situation outside the APEC region.

Throughout this section, it is noticeable that while good practices have been implemented by some APEC economies in several dimensions concerning women's economic empowerment, other economies still fall short in implementing reforms. Most APEC economies have regulations in place regarding gender equality, but some of them still face challenges in carrying out monitoring and enforcement mechanisms.

i. Equal pay for equal work or work of equal value

An important aspect of the labour market is wages. When an economy can assure the same wage for men and women doing equal work, then women will be encouraged to participate in the labour market. To enforce equal pay across gender, an economy needs to establish wage-setting institutions, together with clear mechanisms and policies that can influence both inclusive and gender-equitable labour markets. The three main types of mechanisms – legal, collective and voluntary – are identified as potentially and ideally complementary rather than competitive. Interest in gender pay equity has followed rather than preceded legal rights to equal pay in most economies and has been a catalyst for and symbolic influence on non-statutory moves to promote equal pay.

Mechanisms in the EU can be used as reference for practices in APEC economies. The principle of equal pay in the EU predated that of equal treatment. The equal pay rule was already included in the 1957 Treaty establishing the European Economic Community (today, Article 157 of the Treaty on the Functioning of the European Union, or TFEU). The Court of Justice of the EU ruled that the provision was horizontally and vertically directly effective and as such could give rise to individual rights that the court could protect.

Three important directives on equal pay were adopted in the EU, including: (1) Directive 75/117/EEC on equal pay for male and female workers, affirming the principle of 'equal pay for equal work' laid down in Article 157 TFEU and introducing the concept of 'equal pay for work of equal value'; (2) Directive 76/207/EEC on equal treatment with regard to access to employment, vocational training, promotion and working conditions; and (3) Directive 79/7/EEC on equal treatment with regard to statutory social security schemes.

Domestic initiatives on equal pay in the EU are implemented largely through equality legislation and labour codes. Several members have embedded the principle in their constitutional provisions, a few have passed laws specifically implementing the principle of equal pay, while some have transposed the provision by way of collective labour agreements. However, despite adopting comprehensive legal mechanisms aimed at equal pay for women, the EU still shows an average gender pay gap of 16 percent (Rubery and Koukiadaki 2016).

This gap remains in spite of good monitoring practices implemented across the EU. For instance, some economies (e.g., Belgium, Austria and Germany) require companies to publish their gender pay gap data or make the information available to employees. The enforcement mechanisms relating to equal pay in the EU are further described in Box 4.1.

Box 4.1. Women's economic participation in the EU: Enforcement of equal pay

The EU has a clear mechanism for enforcing equal pay for women and men, comprising a judicial body and a non-judicial body. The EU has also introduced policies to compensate and protect the victims, impose a fair penalty as well as direct equality bodies to promote and mainstream relevant policies, which can be summarised as follows:

Judicial body as enforcement mechanism

Each member has put legislation in place guaranteeing that victims of pay discrimination based on gender can enforce their rights judicially. A judicial body could differ from one member economy to another, but in general, has at least one of the following features:

- Adoption of legislative provisions that relate *expressis verbis* to the judicial enforcement of equal pay for equal work or work of equal value.
- Adoption of provisions that generally guarantee the judicial enforcement of equality legislation, which frequently applies to more areas of society beyond employment. Those laws tend to employ terms like Equality Act, Anti-Discrimination Act or, with a more limited scope, Employment Equality Act or Gender Equality Act.
- Adoption of general rules regarding the judicial enforcement of rights, as mostly laid down in labour (procedure) codes, civil (procedure) codes and/or administrative (procedure) codes, in place of approved legislation.

Non-judicial body as enforcement mechanism

The EU's non-judicial mechanisms include: (1) internal (within the company) procedures; (2) external (outside the company) procedures; and (3) alternative dispute resolution (ADR) mechanisms, defined in a narrow sense to include the potential use of conciliation, mediation and arbitration prior to a court hearing. The latter procedures are usually facilitated by legislation and there is always a link with judicial enforcement, be it as an option preceding the actual hearing of a case in court, or as an alternative to court proceedings.

Compensation and reparation

In the majority of EU economies, victims of sex-based pay discrimination can claim financial compensation for the loss suffered. The compensation must be deemed adequate by ensuring that the loss and damage actually sustained are to be compensated in full in accordance with applicable domestic rules.

Protection against victimisation

The EU ensures protection against victimisation, although policies may vary across individual economies. Such protection in cases of gender-based pay discrimination is also guaranteed under more general equality legislation which can be either a separate act or statute, or a part of a civil or labour code.

Penalties

Criminal sanctions typically include fines, imprisonment or a combination of both. A relatively high number of economies have provided for such criminal sanctions in either equality legislation, employment legislation (e.g., labour codes), criminal codes or a combination thereof. The infringement of the equal pay principle is also sometimes subject to administrative sanctions, administrative fines in particular.

Equality bodies

Domestic equality bodies have been established to deal with problems and/or claims relating to the principle of equal pay for equal work, or for work of equal value, for men and women in the EU. The competency of these bodies varies among EU members.

Source: Foubert 2017.

Among APEC economies, New Zealand is seen as an example of an economy that is implementing good practices to address the gender pay gap. In New Zealand, regulatory reform, implementation, monitoring and enforcement processes complement each other, and there is evidence of actual decreases in the gender pay gap following the introduction of reforms.

The reforms were triggered by the TerraNova case⁷⁵, in which the Employment Court, and subsequently, the Court of Appeals, determined that the Equal Pay Act of 1972 allowed for claims related to pay equity, that is, equal pay for different work of the same value.

The government introduced and passed into law the Equal Pay Amendment Act 2020 as part of its response to the Court of Appeals' interpretation of the Equal Pay Act in the TerraNova case. The amendment seeks to improve the process for raising and progressing pay equity claims, and to eliminate and prevent discrimination on the basis of sex in the remuneration and employment terms and conditions for work done within female-dominated jobs. As an enforcement mechanism, the amendment proposes to allow employees to raise claims with their employer directly, with the Employment Relations Authority or the court seen as the last resort to solve equal pay cases.

Enforcement falls under New Zealand's Ministry for Women,⁷⁶ the Ministry of Business, Innovation and Employment, and the Human Rights Commission. On the ground, Labour Standards Officers work with employers and employees (and other people and agencies) to make sure that workplaces follow at least the minimum employment standards and laws as set out in the employment-related Acts. The amendment also increased the maximum penalty for breach of the Equal Pay Act 1972, from NZD 400 to NZD 5,000 (USD 263 to USD 3,279) for an individual, or from NZD 1,000 to NZD 10,000 (USD 656 to USD 6,558) for a company or other corporation.⁷⁷

Monitoring falls under the Human Rights Commission and Statistics New Zealand ('Stats NZ'). As part of this role, Stats NZ (2018) published a set of guidelines for employers, human resources staff and payroll staff who want to know more about measuring and analysing gender pay gaps in their organisations. Stats NZ also measures New Zealand's gender pay gap each year. New Zealand also publishes on a regular basis the public service gender pay gap data in the State Services Commission's website. Audits can also be a useful monitoring tool. The New Zealand Law Society (2020) notes that gender pay audits are useful for monitoring progress within a workplace and for tracking the impact of any new pay equity policies.

Strong monitoring and enforcement will affect the pay gap. The gender pay gap in New Zealand has narrowed to about 9.3 percent in 2019 from 11.8 percent in 2015 (Stats NZ 2019). Investigating the wage gap by industry, the gender pay gap in health care and social assistance shows a declining trend, from 41 percent in 2015 to 34 percent in 2019. This trend extends to occupations such as information media and telecommunications, construction, art, recreation,

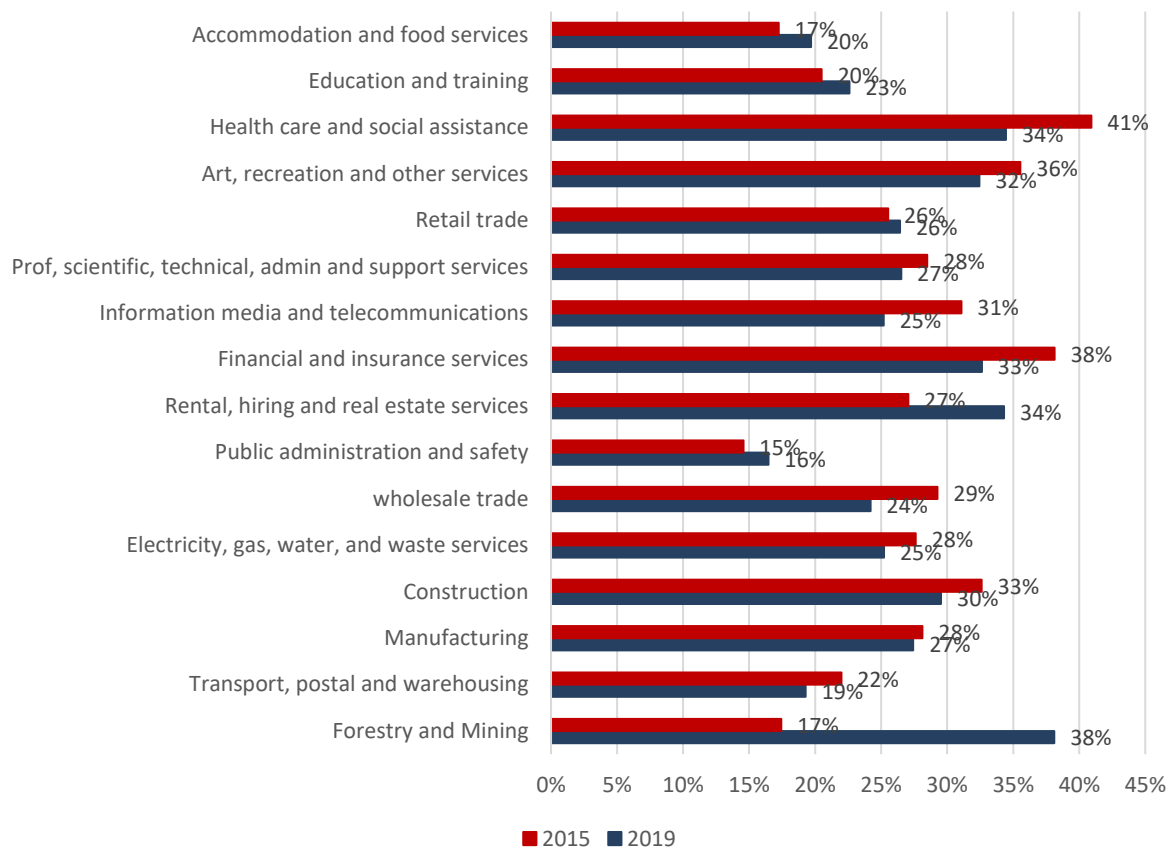
⁷⁵ The TerraNova case has had a significant effect on continuing efforts on equal pay in New Zealand, especially since TerraNova operates rest home facilities where women comprise more than 90 percent of the workforce.

⁷⁶ Besides enforcement, the Ministry for Women is also responsible for: (1) providing policy advice on improving outcomes for women in New Zealand; (2) managing New Zealand's international reporting obligations in relation to the status of women; (3) providing suitable women nominees for appointment to state sector boards and committees; and (4) providing support services to the Minister for Women.

⁷⁷ The Equal Pay Amendment Bill states that 'an individual person is liable to among others: (1) a penalty of up to NZD 10,000, and a body corporate up to NZD 20,000, if they fail to comply, or are involved in a failure to comply with the duties to pay women and men equitably for the same, or substantially similar, work; (2) enter into pay equity bargaining if they think a claim is arguable; (3) deal with the Authority in good faith during facilitation; (4) keep pay equity claim records; or, (5) not to unlawfully discriminate'.

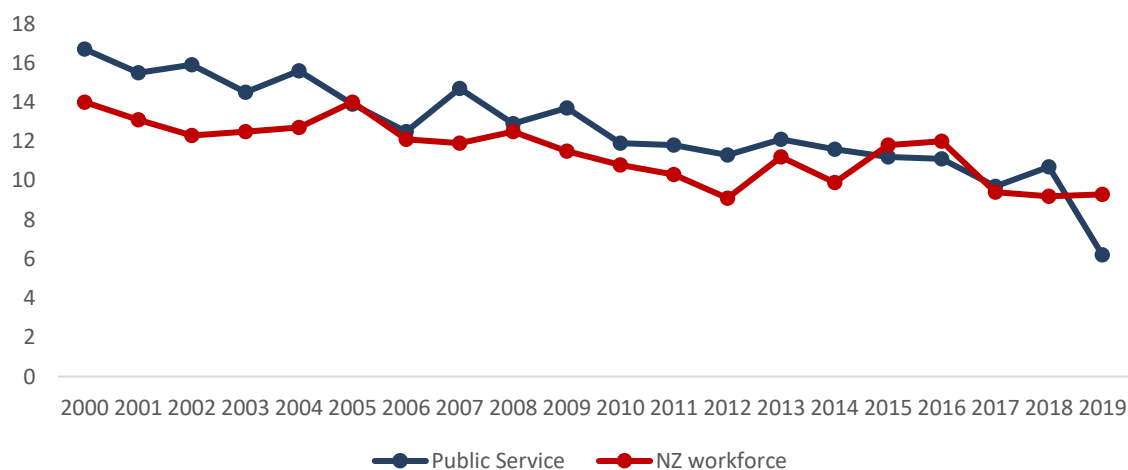
and other services (Figure 4.1). Similarly, the gender pay gap in public service has been on a declining trend, registering 6.2 percent in 2019. The average salary for men in public service was NZD 86,900 (USD 57,000) in 2019, while it was NZD 77,000 (USD 50,521) for women.

Figure 4.1. Gender pay gap in New Zealand (%)



Note: The data refer to average total weekly earnings (employees). Average total weekly earnings are ordinary time plus overtime payout divided by full-time plus part-time employees. Data are from 2015/Q4 and 2019/Q4 respectively. Source: Quarterly Employment Survey, Stats NZ 2020.

Figure 4.2. Gender pay gap of the public service sector and the workforce as a whole in New Zealand (%)



Source: Public Service Commission n.d.

The empirical data in New Zealand show that the reform has been successful in some sectors, but further improvements are still required for the remaining sectors, thus underlining the importance of enforcement and monitoring mechanisms. As the OECD (2018) notes, an effective strategy to close pay gaps requires a mix of policy measures to address occupational segregation and the absence of gender balance in certain occupations. In-depth interviews reveal that certain measures could have a big impact on the pay gap, for example, providing guidance to women to help them navigate the legal system, or promoting women championing the issues and inspiring others to follow in their footsteps.

However, the impact of reforms may not be instantaneous, and improvements in enforcement could still be required. In its study of the gender pay gap in the STEM sector in New Zealand, McGregor et al. (2017) find a surprising lack of transparency around pay and remuneration in the sector at the individual level, which negatively affects women. Nonetheless, since the sample is relatively small, comprising 22 female engineers, this conclusion cannot be generalised and needs further investigation. Nevertheless, the finding could be treated as an indication that transparency around pay and remuneration in certain sectors could be improved, and new public policy initiatives on the issue are needed.

Similarly, Canada can be considered as an example of an economy with good practices, as it has taken a number of concrete actions to reduce the gender wage gap. For example, the Pay Equity Act, a new proactive pay equity regime received Royal Assent in December 2018. This Act is expected to enhance fairness in the workplace by ensuring men and women in federally regulated sectors receive the same pay for work of equal value. Budget 2018 provided CAD 3 million (USD 2.28 million) over five years to implement pay transparency for federally-regulated employers. Pay transparency will require private sector employers in the federal jurisdiction to report on wage gaps for women, indigenous peoples, persons with disabilities and members of visible minorities.

In terms of institutional arrangements, the Ministry of Labour regulates the private sector to ensure equity in workplaces across Canada. Institutions responsible for the enforcement are the Department of Women and Gender Equality Canada (WAGE), the Minister for Women and Gender Equality, and the Minister of Employment and Workforce Development and Labour. Meanwhile, the Pay Equity Commissioner is responsible for both monitoring and enforcement of the Pay Equity Act. Pecuniary penalties and public naming are among the measures implemented for cases of non-compliance.

In terms of impact, women earned 86 cents on the dollar compared to men in 2019, up from 82 cents in 1997. In other words, the gender gap in hourly wage in Canada has decreased from 18 percent in 1997 to 14 percent in 2019. Women are over-represented in low-paying occupations and under-represented in high-paying occupations, which may explain the persistence of the gender wage gap in Canada. Ligaya (2018) notes that the majority of Canadian companies are not closely watching differences in pay, and, based on a survey of human resources professionals in Canada and the United States by the Canada–United States Council for Advancement of Women Entrepreneurs and Business Leaders, only 39 percent of Canadian companies have accurate data on gender pay differences.

Unlike New Zealand and Canada, Australia does not have a penalty system as part of its measures to address the gender pay gap. Instead, it employs naming and shaming for non-compliance, which is another type of good practice. In Japan, equal pay for work of equal value is a component under the Labor Standards Act, which has both the provision for the Principle

of Equal Wages for Men and Women (Article 4) and the penal provision for violations (Article 119). Nonetheless, even without imposing legal sanctions or fines, the gender pay gap can narrow, similar to the outcomes seen with New Zealand and Canada.

The gender pay gap in Australia is regulated under the Workplace Gender Equality Act 2012. The monitoring mechanism is an annual report covering a workplace and reporting questionnaire. This report is required by the Workplace Gender Equity Agency, in particular for private sector employers with 100 employees or more. Companies with more than 500 employees have to fulfil additional obligations to meet the minimum standards for gender equality. Employers who do not comply could be named and shamed and precluded from tendering for federal and state contracts, or from receiving federal grants or other financial assistance.

Australia's gender pay gap was the lowest in two decades in November 2019, at 13.9 percent (WGEA n.d.-b). This was also a decrease from the 14.1 percent reported in November 2018. Latest available data in May 2020 showed that the gender pay gap widened slightly to 14.0 percent. All states and territories experienced a narrowing of the pay gap, except Western Australia. By industry, the gender pay gap was lowest in public administration and safety (5.8 percent) and highest in professional, scientific and technical services (24.1 percent).

One implementation weakness is that the data on the gender pay gap are not made public in Australia, with the Workplace Gender Equity Agency only publishing the aggregate data per industry segment.

While Australia has made many positive strides towards reducing the gender pay gap, there is scope for further improvement. The Senate Standing Committee on Finance and Public Administration conducted an inquiry into gender segregation in the workplace and its impact on women's economic inequality in 2017. Recommendations included improving the capacity to address equal remuneration, and tackling the need for gender-sensitive career guidance and counselling in schools and training institutions. An evaluation of all programmes and initiatives across Australia that aim to increase the number of girls in STEM education was also suggested.

In the case of Japan, the Gender Equality Bureau, which is part of the Cabinet Office, is the agency responsible for gender mainstreaming. Japan adopted a certification system for good practices as part of its enforcement mechanism. Companies that nurture women's participation and work-life balance are recognised with the Eruboshi certification and receive additional evaluation points for public procurement. As of June 2020, as many as 1,090 companies have obtained Eruboshi certification. Partly because of the rising number of companies obtaining this certification, the gender wage gap decreased from 33.9 percent in 2000 to 24.5 percent in 2017 (OECD n.d.). However, among APEC economies, Japan's gender wage gap is still relatively high. Yamaguchi (2019) identifies several factors that may explain this: the large number of women who are 'non-regular' workers,⁷⁸ the high degree of gender segregation in professions as the part of traditional roles; and male-dominated management.

Thailand offers an example of good practice in addressing equal pay in a developing economy, in particular, with regard to its enforcement mechanism. Thailand regulates equal wages and equal employment treatment through the Labour Protection Act B.E. 2541 (1998) and its amendment, and the Labour Protection Act (no. 3) B.E. 2551 (2008). Thailand has ratified the

⁷⁸ 'Regular' workers in Japan are employed on indefinite terms without specific job obligations and are strongly protected from firings and layoffs. 'Non-regular' workers, including many full-time employees, have fixed-term contracts with specific job obligations.

ILO Equal Remuneration Convention of 1951; and it is in the process of ratifying the Discrimination (Employment and Occupation) Convention of 1981, which entered into effect in the economy in June 2018. Labour wages in Thailand are commonly controlled by a Wage Committee, which consists of the Permanent Secretary of the Ministry of Labour and Social Welfare as chairperson; government representatives and representatives of employers and employees appointed by the Cabinet as members; and an official from the Ministry of Labour and Social Welfare appointed by the Ministry as the secretary.

In case of a dispute in Thailand, an employee can make a complaint to the labour inspector, who will investigate the charges within 60 days, with the possibility of an extension not exceeding 30 days upon application to the Director-General of the Department of Labour. If the employer or the employee is not satisfied with the labour inspector's decision, the case may be raised to the court within 30 days of receiving the decision. Failing that, the labour inspector's decision is final. An employer who fails to provide equal treatment and equal wages is subject to a fine not exceeding THB 20,000 (USD 645).

Monitoring in Thailand may occur through the Gender Equality Act B.E. 2558 (2015), which established the Gender Promotion Committee (or 'SorTorPor Committee') responsible for establishing policies and action plans, monitoring compliance to the Act, issuing policy recommendations to the Cabinet and establishing guidelines for compensation to victims of gender discrimination (OECD 2020b).

The gender wage gap in Thailand has decreased from 14 percent in 1996 to -2.7 percent in 2018 (ILO 2020a), which means that women are earning more than men. It is possible that this remarkable result is due not just to the new regulations and enforcement mechanisms, but also to improvements in female human capital, including education (Nakavachara 2010; Bui and Permpoonwiwat 2015; Liao and Paweenawat 2019).

One of the gaps found in Thailand in terms of the response to the gender wage gap is in transparency. Avellis (2018) observes that there is not much transparency on the gender pay gap in Asia. Only 10 percent of companies publish their overall gender-segregated pay information. This is considerably lower than the global benchmark of 48 percent.

The analysis of good practices and gaps in terms of gender wage equality shows that some of the common implementation gaps are in the areas of data transparency and monitoring mechanisms, in particular, wage information reporting and audits. Penalty systems or naming and shaming mechanisms can be adopted to strengthen policies on equal pay.

ii. Women's access to credit

Financial inclusion, including access to credit, can open up economic opportunities for women, as well as boost women's empowerment. The World Bank (2020) reports that nine APEC economies have prohibited the discrimination of access to credit based on gender. Most of these nine APEC economies have adopted a penalty system as part of their enforcement. See Table 4.2 for the summary of regulations, punishment and institutions involved in the area of women's access to credit.

Table 4.2. Women's access to credit: Regulations, enforcement mechanism and punishment

Economies	Does the law prohibit discrimination in access to credit based on gender?	Punishment	Executor or relevant institution(s)
Australia	Yes, Sex Discrimination Act 1984, Art. 22	<ul style="list-style-type: none"> In the case of a natural person: 25 penalty units or imprisonment for 3 months, or both In the case of a body corporate: 100 penalty units 	Sex Discrimination Commissioner under the Australian Human Right Commission (Enforcement) / Minister for Women (Monitoring)
Canada	Yes, Canadian Human Rights Act, Arts. 3 and 5	Fine not exceeding CAD 50,000	Canadian Human Rights Commission (Enforcement) / Minister for Women and Gender Equality (Monitoring)
Hong Kong, China	Yes, Sex Discrimination Ordinance, Secs. 28(1) and (2)(c)	Financial penalty not exceeding USD 10,000 for the first occasion on which a penalty is imposed and USD 30,000 for the second and subsequent occasion	Equal Opportunities Commission
Mexico	Yes, (a) General Law for the Equality between Women and Men, Arts. 3 and 5(IV); (b) Credit Institutions Law, Art. 44bis 4	Penalty of 2,000 to 20,000 days of the general daily minimum wage in force in the Federal District, and the respective business may be administratively closed by the relevant Commission until its name is changed	National Banking and Securities Commission (CNBV); National Commission for the Protection and Defence of Users of Financial Services (CONDUSEF)
New Zealand	Yes, Human Rights Act 1993, Arts. 21(1)(a) and 44	Fine not exceeding NZD 5,000	Human Rights Commission
Peru	Yes, Consumer Protection Code, Arts. IV(2)(4), 1.1(d) and 38.1	<ul style="list-style-type: none"> Penalty or reprimands, and confiscations For the amount of the penalty, depending on the severity, the fine will be divided into two 	Peruvian Consumer Protection Agency (INDECOP)
The Philippines	Yes, RA 9710 Magna Carta of Women, Secs. 23 & 41	Sanctions under administrative law, civil service, or other appropriate laws if violation was committed by government officials and employees; payment for damages if violation was committed by private entity or individuals	Civil Service Commission (CSC); Department of the Interior and Local Government (DILG)
United States	Yes, Equal Credit Opportunity Act, Art. 1691(a)(1)	<ul style="list-style-type: none"> Civil liability for actual and punitive damages, the latter of which is limited to non-governmental entities; up to USD 10,000 for an individual claim or the lesser of USD 500,000 or 1 percent of the lender's net worth in a class action Under the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010), the Consumer Financial Protection Bureau (CFPB) is authorized to obtain civil penalties of up to USD 1,000,000 per day for knowing violations of ECOA and other Federal consumer financial laws. 12 U.S.C. § 5565. 	Consumer Financial Protection Bureau
Viet Nam	Yes, Law on Gender Equality, Arts. 10 and 12	Disciplinary measures, administration sanctions or criminal prosecution	The National Committee for the Advancement of Women

Source: World Bank 2020.

The United States has led the way through the Equal Credit Opportunity Act of 1974 (ECOA)⁷⁹ in prohibiting discrimination to access to credit on the basis of race, colour, religion, origin, sex, marital status, age, the applicant's receipt of income derived from any public assistance programme, or the applicant's exercise, in good faith, of any right under the Consumer Credit Protection Act. The Federal Trade Commission or consumer protection agency enforces the Act. The Department of Justice may file a lawsuit under the ECOA where there is a pattern or practice of discrimination. Meanwhile, other federal agencies have general regulatory authority

⁷⁹ The Equal Credit Opportunity Act applies to any person who, in the ordinary course of business, regularly participates in a credit decision, including banks, retailers, bankcard companies, finance companies, and credit unions.

over certain types of lenders and they monitor creditors for their compliance with the Act (U.S. Department of Justice 2020). Beside the ECOA, the United States also has the Fair Housing Act, which, among other things, prohibits discrimination in residential real estate transactions – including making or purchasing of loans or providing other financial assistance in connection with such transactions – on the basis of race, color, origin, religion, sex, disability, or familial status (having one or more children under 18).⁸⁰ In terms of penalties, lenders who violate the provisions of the ECOA face civil liability for actual and punitive damages, the latter of which is limited to non-governmental entities and can amount up to USD 10,000 for an individual claim or the lesser of USD 500,000 or 1 percent of the lender's net worth in a class action. The Consumer Financial Protection Bureau (CFPB) is authorized under the Dodd-Frank Act to obtain civil penalties of up to USD 1,000,000 per day for knowing violations of ECOA and other Federal consumer financial laws.⁸¹ Private litigants can also have their costs and attorney's fees awarded. The Fair Housing Act also allows for actual and punitive damages and allows for the Department of Housing and Urban Development to obtain civil penalties in administrative proceedings and for the Department of Justice to obtain civil penalties in pattern or practice lawsuits of up to \$107,050 per defendant for a first violation and up \$214,097 per defendant for a subsequent violation.

According to the CFPB (2019), none of the 11 Equal Credit Opportunity Act enforcement agencies⁸² brought public enforcement actions for violations of Act in 2018. This compares to 26 enforcement actions in 2013. This may imply that access to credit was successfully improved in the United States. However, in terms of the average amount of the median debt, the average for men householders was around USD 32,000 (20 percent) during 2000-2017 period, this was still higher than for women householders or around USD 25,700 (16 percent), as shown in Figure 4.3; in addition, the highest proportion of average debt was still married/couple households, around USD 95,000 (62 percent) during the same period. This may imply that such regulations on gender discrimination in access to credit are not enough to ensure women have same levels of access to credit as men. There may be other factors affecting the provision of credit to women, including the perception of greater risk that makes it difficult for women to obtain higher loan amounts. Due to difficulties obtaining credit, women tend to save up more money before borrowing, requiring smaller loan amounts. The study shows that female-owned firms are younger businesses with a shorter track history of repayment of debts.

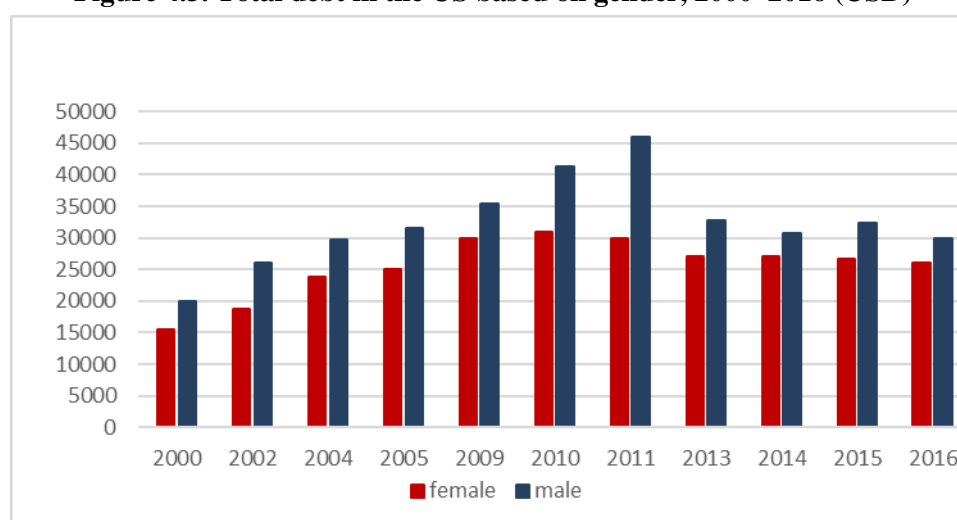
⁸⁰ 42 U.S.C. § 3605. The Fair Housing Act prohibits such discrimination by direct providers of housing, such as landlords and real estate companies as well as other entities, such as municipalities, banks or other lending institutions and home-owners insurance companies whose discriminatory practices make housing unavailable to or otherwise discriminate against persons in the terms or conditions of housing persons because of race, or colour, origin, religion, sex, disability, familial status (having one or more children under 18) and disability. Individuals who believe that they have been victims of an illegal housing practice, may file a complaint with the Department of Housing and Urban Development (HUD) or file their own lawsuit in federal or state court. The Department of Justice brings suits on behalf of individuals based on referrals from HUD and also may bring suits to redress a pattern or practice of discrimination or a denial of rights to a group of persons (The Department of Justice 2020).

⁸¹ The CFPB is authorized under the Dodd-Frank Act to obtain civil penalties of up to USD 1,000,000 per day for knowing violations of ECOA and other Federal consumer financial laws. Private litigants can also have their costs and attorney's fees awarded. The Fair Housing Act also allows for actual and punitive damages and allows for the Department of Housing and Urban Development to obtain civil penalties in administrative proceedings and for the Department of Justice to obtain civil penalties in pattern or practice lawsuits of up to \$107,050 per defendant for a first violation and up \$214,097 per defendant for a subsequent violation.

⁸² The agencies charged with administrative enforcement of Equal Credit Opportunity Act under Section 704 are as follows: (1) Consumer Financial Protection Bureau; (2) Federal Deposit Insurance Corporation; (3) Federal Reserve Board; (4) National Credit Union Administration; (5) Office of the Comptroller of the Currency; (6) Agricultural Marketing Service of the US Department of Agriculture; (7) Department of Transportation; (8) Farm Credit Administration; (9) Federal Trade Commission; (10) Securities and Exchange Commission; and (11) Small Business Administration.

Thus, it is harder for such companies to secure capital through traditional bank loans (American Express 2017).

Figure 4.3. Total debt in the US based on gender, 2000–2016 (USD)

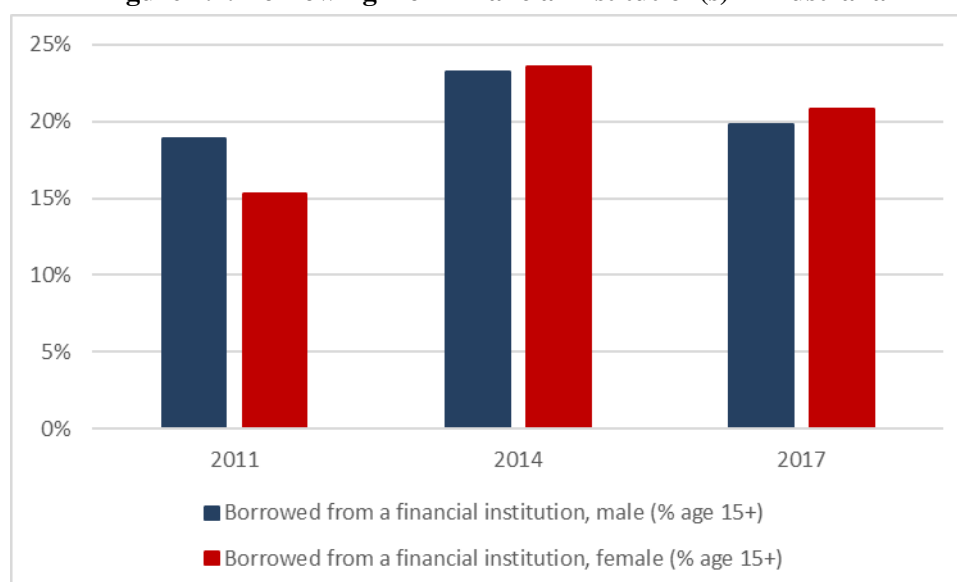


Note: Total debt is defined as the median amount of household debt in the US.
Source: United States Census Bureau.

The ECOA prohibits the use of demographic information, including in gender, credit underwriting, pricing, reporting, and scoring. As a result, information on credit histories and demographic characteristics have rarely been collected by the same data source, which in turn affects the evaluation of sex-disaggregated differences in the credit market. The other weakness in monitoring is the lack of consistency and limited statistical power since many of the studies used ad hoc surveys with relatively small sample sizes or did not directly collect debt usage data. In ad hoc surveys, consumers may under-report their debt outstanding and negative credit events due to debt-associated stigma. In addition, most analysis does not explicitly account for whether the men and women in the study were solely responsible for their own financial decisions. In short, the gaps relate to data transparency and accessibility and the monitoring system.

Another good practice is seen in Australia. Women's access to credit comes under Article 11 of the Sex Discrimination Act of 1984, since there is no specific regulation on credit access by gender. The Australia Financial Complaints Authority is a free, fair and independent dispute resolution scheme that considers complaints about: (1) credit, finance and loans; (2) insurance; (3) banking deposits and payments; (4) investments and financial advice; and (5) superannuation. The monitoring mechanism is relatively general, where independent monitoring and reporting of economy-wide gender equality indicators would involve close collaboration between the government, the Australian Bureau of Statistics, the Equal Opportunity for Women in the Workplace Agency, and other key research institutes and gender equality organisations.

In terms of the impact, Australia has been relatively successful in achieving equal access to credit. Data in 2011 from The Global Findex Database 2017 show that borrowing for males was higher than for females, at 19 percent and 15 percent, respectively (Demirgüç-Kunt et al. 2018). However, borrowing for females is now slightly higher than for males as can be seen in Figure 4.4.

Figure 4.4. Borrowing from financial institution(s) in Australia

Source: The Global Findex Database 2017; Demirgüç-Kunt et al. 2018.

In Viet Nam, women's access to credit is regulated through the Law on Gender Equality. Several agencies are responsible for monitoring different aspects of gender equality. The Gender Equality Department coordinates the implementation of the law and is also responsible for the development and implementation of the National Programme on Gender Equality. The Gender Equality Department also works with the Department of Legislation in the Ministry of Labour, Invalids and Social Affairs to report on compliance with CEDAW.

The National Committee for the Advancement of Women is an intersectoral body that advises on gender equality and women's empowerment. Each ministry and province of Viet Nam also has a Committee for the Advancement of Women, which is tasked with developing their own ministerial and provincial plans of action, which are in turn monitored by the National Committee for the Advancement of Women. Meanwhile, the Viet Nam Women's Union⁸³ as a mass organisation can be a potentially effective mobilising force to advance gender equality goals at all levels (Fontana 2018).

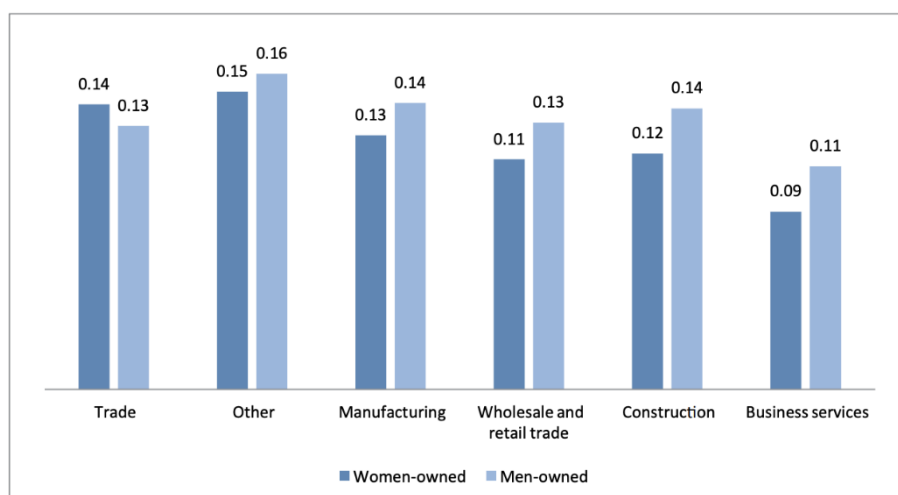
Despite government efforts, the implementation has not been simple. Studies show that discrimination in access to credit based on gender in Viet Nam still persists. For instance, IFC (2017) finds that 37 percent of women-owned SMEs have accessed bank loans in the past two years, compared to 47 percent of male business owners. Even when female entrepreneurs do qualify for a bank loan, they tend to receive less than what they asked for, and lower amounts than men. As it stands, the financing gap is estimated at USD 1.2 billion for women-owned SMEs. By sector and gender, men-owned businesses have higher loans in all sectors except for trade. The largest difference in average loan size is in the construction sector, where male-owned businesses borrowed an average of USD 140,000 against USD 120,000 for female-owned enterprises (Figure 4.5).

Similarly, Le and Stefanczyk (2018) find that loan applications from women-led enterprises were 34 percent more likely to be denied than those from men-led firms. The situation is even more serious depending on the industry and the particular macroeconomic situation. For

⁸³ The labour union with 13 million women members out of a total female adult population of over 26 million.

instance, the gap in the likelihood of loan applications being rejected for women-led enterprises and their men-led counterparts increases to 67 percent in male-intensive industries and 71 percent in periods of tight monetary policy.

Figure 4.5. Average outstanding loans by sector and gender in Viet Nam



Source: IFC 2017.

While there have been improvements, some APEC economies still do not have women's financial inclusion or non-discriminatory access to credit as an explicit objective. IFC (2011) notes that one of the weaknesses in the initiatives targeting women's access to finance (including credit) is that they tend to be small and work in silos, and often lack targets or monitoring and evaluation frameworks. This highlights that the enforcement aspects still require many improvements, since enforcement issues implicate not just the penalty or reward system but also involve the perception of risk. The availability of enforcement mechanisms and institutions/agencies either with specific regulations (as in the United States) or under general policies (as in Australia with the Sex Discrimination Act) may improve the equality of women's access to credit. This also emphasises the importance of data transparency and accessibility, and the interactions with data privacy policies, as part of monitoring and the basis for evaluation in the credit market.

iii. Advancing women to leadership positions

Advancing opportunities for women's leadership across all aspects of society, including the economy and in political leadership, is important to realizing women's empowerment and advancing gender equality.

APEC economies vary in their approaches on this issue. For example, in terms of the participation of women in politics, some economies rely on voluntary targets of women in political parties. Australia; Canada; Malaysia; New Zealand; the Philippines, and Thailand rely on voluntary targets of political parties. The Australian Labour Party has committed to a quota that would have 50 per cent of their Members of Parliament be women by 2025; the Liberal party has adopted a target of 50 per cent female representation in parliament by 2025. In Canada, the New Democratic Party has adopted a target of 50 percent women among its candidates at federal elections since 1985. It has also adopted (and is enforcing) a policy whereby, in each federal riding, at least one woman must be in the running at the nomination stage. In 1993, the Liberty Party of Canada set a target of electing 25 percent women. In Malaysia, the People's Justice Party (Parti Keadilan Rakyat) states that 30 per cent of

leadership positions have to be held by women. In New Zealand, the Green Party of Aotearoa New Zealand and the Labour Party adopted a 50 percent target.

Other APEC economies have implemented mandatory quotas into politics, a type of measure that does not enjoy consensus among APEC economies and has not been proven analytically to produce more qualified candidates or better policy outcomes. Chile; Indonesia; Korea; Mexico; and Peru are among the APEC economies that have introduced gender quotas among candidates running for a seat in the legislative branch. In these economies, if the political parties fail to comply with the quotas, the election committees will reject their applications. Among these economies, women's representation in the legislative branch is about 30 percent in Indonesia; 40 percent in Chile; and Peru; and about 50 percent in Korea; and Mexico. China has also determined that the number of seats reserved for women in the legislative branch shall not be less than 22 percent (Table 4.3).

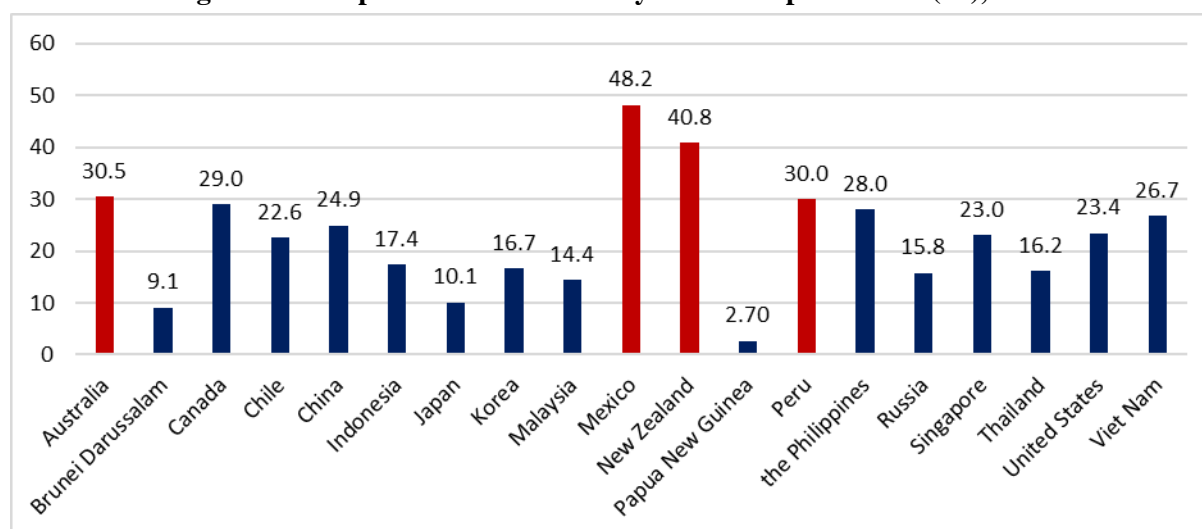
Table 4.3. Selected APEC economies with quota mechanism

Economies	Regulations	Legal sanctions for non-compliance
Chile	Neither the male candidates nor the female candidates may exceed 60% of the respective total.	If a party fails to comply with the gender quota, all the candidacies to deputy or senate presented by the party will be rejected.
China	Women shall take up not less than 22% of seats in the legislative branch.	NA
Indonesia	List of nominees of candidates for members of the House of Representatives shall contain at least 30% women.	Where the candidate list does not meet the quota, the electoral authority shall provide the party with the opportunity to revise the list. If the party fails to meet the quota requirement, it would be disqualified from running in the electoral districts in which the quota was not met.
Korea	For the proportional representation elections, whereby 56 deputies are elected, political parties must include 50% women on their candidate lists. For the portion of the election whereby 243 representatives are elected in single-member districts, political parties shall include at least 30% of women candidates in their district nominations.	Lists which do not comply with the quota provisions will be considered invalid.
Mexico	Political parties are required to guarantee that at least 40% of the candidates on their lists are of the same gender. This applies to lists of candidates for both the upper and lower house elections, and for the constituency elections. However, parties that democratically elect their candidates are exempt from these requirements.	Parties not complying with Articles 219 and 220 will have 48 hours to rectify their lists. After this period, if still non-compliant, parties will be publicly reprimanded by the General Council of the Federal Electoral Institute (IFE) and given an extra period of 24 hours to rectify their list. Finally, if 24 hours pass and the party is still non-compliant with the quota regulations, its electoral lists will be rejected by the IFE.
Peru	Candidate lists for Congressional seats must be at least 40% of men or women candidates for the elections of 2021. The quota will increase to 45% for the 2026 elections, and 50% for the 2031 elections.	If the candidate lists do not abide by the gender quota requirements, they shall not be admitted by the electoral authority

Source: International Institute for Democracy and Electoral Assistance (International IDEA) n.d.

While gender-representation quotas do not enjoy consensus among APEC member economies, the United Nations has suggested a minimum proportion of women in leadership positions of 30 percent (UN Women n.d.-b). Among APEC economies, only four surpassed the United Nations' suggested level of 30 percent in women representation in parliaments in 2019: Australia; Mexico; New Zealand; and Peru. Canada; the Philippines; and Viet Nam are close to this level (Figure 4.6).

Figure 4.6. Proportion of seats held by women in parliament (%), 2019



Note: Data of Papua New Guinea are from 2016.

Source: World Bank 2020

Aside from representation in politics, women's representation in the private sector is also vital for the economy. Advancement in this area can be fostered by board diversity in the corporate governance codes of publicly-listed companies. The level for women's representation on a board is usually voluntary and depends on a company's policy. Several economies that have issued the guidelines for good corporate governance in publicly-listed companies are Australia; Chile; China; Hong Kong, China; Japan; Malaysia (DTF 2014); Mexico; New Zealand; the Philippines and Singapore (Deloitte Global Center for Corporate Governance 2017), as shown in Table 4.4.

Table 4.4. Disclosure requirements for publicly-listed companies in some APEC economies

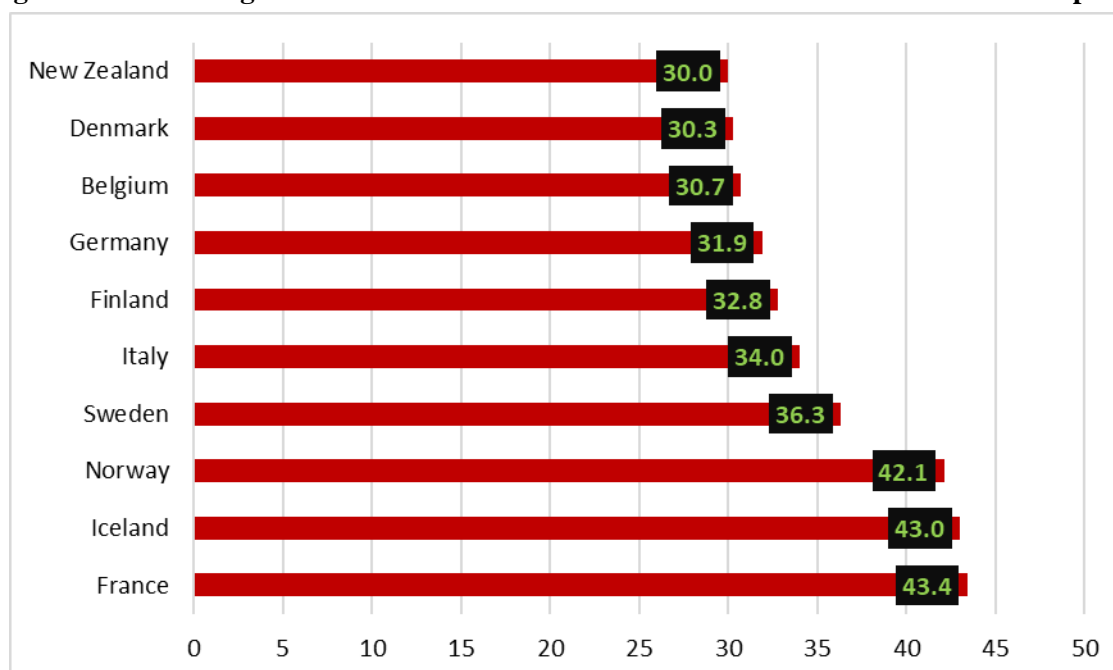
Economy	Disclosure requirement
Australia	Listed companies must disclose targets and progress of board, senior management, and overall workforce gender balance. For gender diversity, the current target for companies in the S&P/ASX 300 Index is to have not less than 30 percent of the directors of each gender within a specified period. Companies may comply or provide the reason for non-compliance.
Canada	By 1 January 2020, under the Canada Business Corporations Act, publicly listed companies will have to provide information on diversity policies and statistics. Information on boards and executive officers will have to be disclosed. Companies may comply or provide the reason for non-compliance.
Chile	The Chilean Superintendency of Securities and Insurance (currently the Finance Market Commission) requires companies to disclose gender, citizenship, and age range of board members in their annual financial statements. Companies may comply or provide the reason for non-compliance.
Hong Kong, China	The companies should aim for a balance of appropriate diversity, skills and experience. Companies may comply or provide the reason for non-compliance.

Japan	Public-listed companies should aim to have a diverse board of directors. Boards that do not have a female director need to explain why, as per the Revisions to the Corporate Governance Code in June 2018. The companies are required to disclose in annual securities reports the number/percentage of women serving on their board.
Mexico	The Mexican Business Council issued a new version of the Code of Best Practices of Corporate Governance in 2018, which includes the specific recommendation on women's participation on boards. Publicly listed companies must report women's participation on their boards in their compliance each year.
New Zealand	Listed companies must disclose targets and progress of the board and senior management. Companies may comply or provide the reason for non-compliance.
The Philippines	Boards should have a policy on board diversity. A board diversity policy is not limited to gender diversity. It also includes diversity in age, ethnicity, culture, skills, competence and knowledge. Gender diversity policy includes increasing the number of female directors, including female independent directors.
Singapore	The boards should consider appropriate diversity. Companies may comply or provide the reason for non-compliance.

Source: Credit Suisse Research Institute 2019; Deloitte Global Center for Corporate Governance 2017.

Gender quotas on corporate boards are not widely used and do not enjoy consensus as policy in the APEC region. However, quotas are common in Europe, where the participation of female members in the board of directors is higher than in the APEC region. In Europe, Norway passed a 40 percent quota law in 2003 and Spain, Iceland, France and Italy have a 40 percent target, while the Netherlands and Belgium have legislated targets of 30 percent and 33 percent respectively (Ministry for Women and Office of Ethnic Communities 2019). New Zealand is the APEC member with the highest proportion of women in the board of directors of listed companies, but is behind many European economies in terms of women's representation on company boards, as indicated in Figure 4.7.

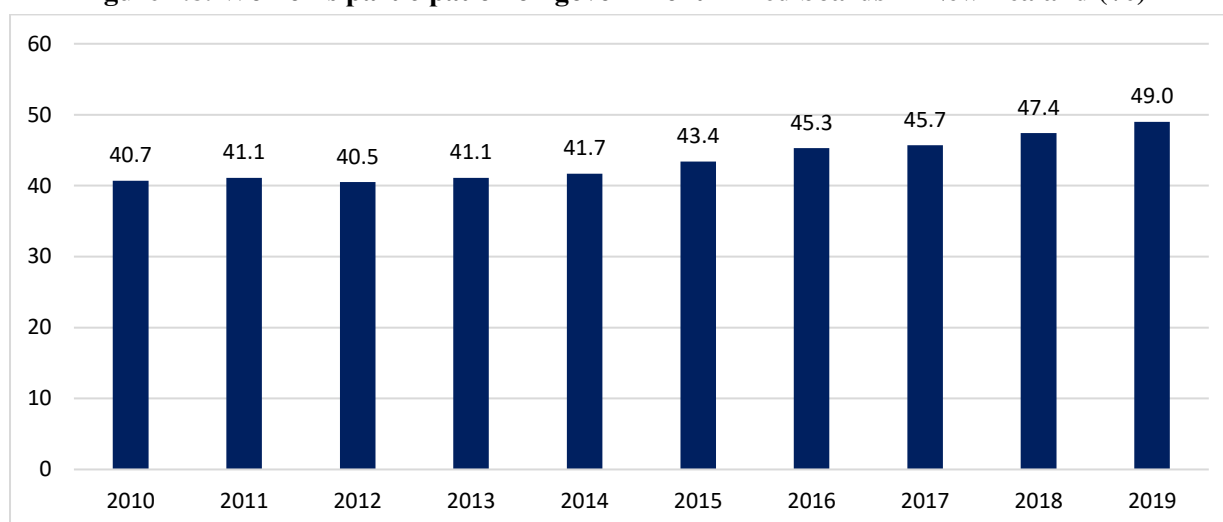
Figure 4.7. Percentage of female board members in the board of directors of listed companies



Source: WEF 2019a, 2019b.

Among APEC economies, New Zealand is one of the leaders in the promotion of women in leadership positions in other areas as well. In politics, women's representation in parliament is more than 40 percent in 2019. In the public sector, women's participation in government-linked boards is 49 percent, which is only 1 percent away from the target of 50 percent in 2021. Between 2010 and 2019, women's participation in government-linked boards has increased from 40.7 percent to 49 percent (Figure 4.8).

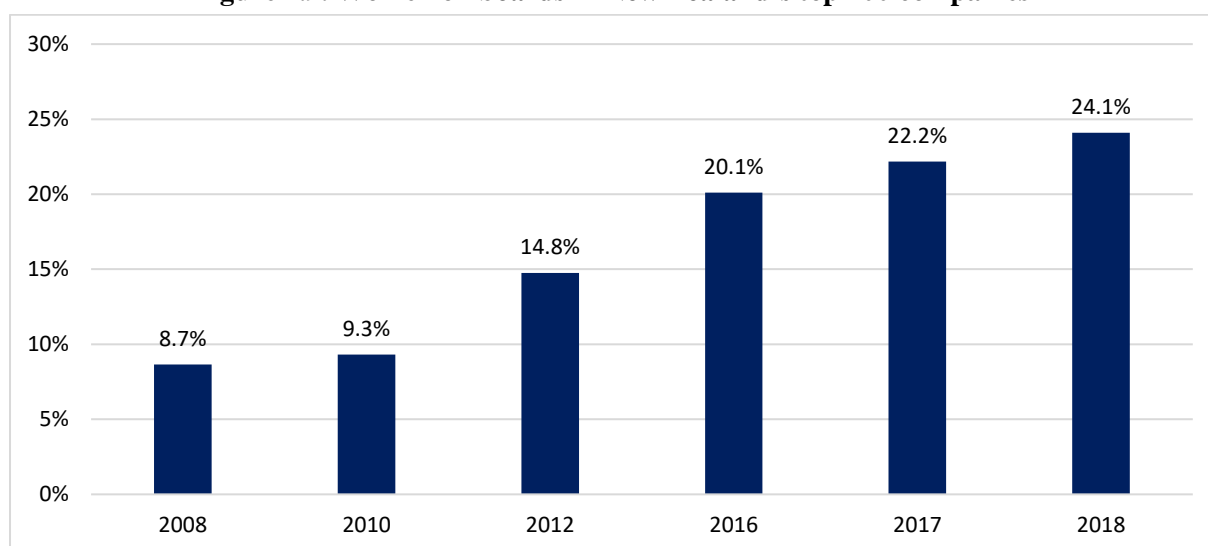
Figure 4.8. Women's participation on government-linked boards in New Zealand (%)



Source: Ministry for Women and Office of Ethnic Communities 2019.

The private sector in New Zealand also has targets for female representation on the board and for senior management. Listed companies must disclose targets and progress. Publicly-listed companies need to explain the reason if the target is not achieved. The government engages private sector leaders to take action on this, through its relationships with organisations and through hosting events such as the Ministry for Women symposium for private sector leaders on women in leadership.

In 2018, about 24.1 percent of directors in New Zealand's top 100 companies were women, increasing almost threefold from 2008 (Figure 4.9). While women's representation has trended up, the New Zealand Census of Women on Boards also shows that 20 companies in the top 100 still have no women on their boards. Even the New Zealand Stock Exchange, NZX Ltd, which is responsible for the application and surveillance of diversity rules, has only one female board member out of its seven board members (MacLennan, McGregor and Eaquab 2018). Women's representation in the private sector, unlike in the political sphere and in the public sector, is growing slowly. At the current pace, it is projected that parity will be achieved only by 2031 (MacLennan, McGregor and Eaquab 2018). To increase the level of representation, women's groups and individuals in New Zealand are now indicating a willingness to consider statutory rules to force change.

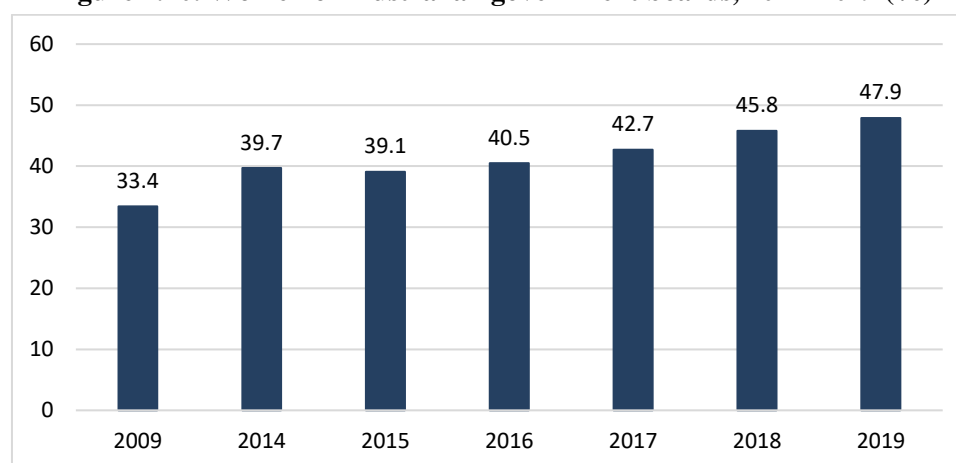
Figure 4.9. Women on boards in New Zealand's top 100 companies

Source: MacLennan, McGregor and Eaqub 2018.

Australia has also committed to increase women's representation in the public and private sector. Since 2009, the government has released an annual report on women on government boards. In 2016, it set the target of women holding 50 percent of government board positions overall, and at least 40 percent female representation and 40 percent male representation on individual boards. As indicated in Figure 4.10, women held 48.4 percent of government board positions as of 31 December 2019.

However, women are still under-represented in leadership positions in the private sector in Australia. The Workplace Gender Equity Agency reports that women make up 31.5 percent of key management positions, 26.8 percent of directors, 17.1 percent of CEOs and 14.1 percent of board chairs (WGEA n.d.-c).

The Australian Securities Exchange (ASX) has issued principles-based recommendations on the corporate governance practices to be adopted by ASX-listed entities. The listed entities are required to benchmark their corporate governance practices to recommendations and, where they do not conform, to disclose that fact and the reasons why. This encourages them to adopt the recommendations without forcing them to do so, and also provides them the flexibility of adopting alternative corporate governance practices that satisfy their circumstances (while explaining the reasons to the board). For gender diversity, the current target for companies in the S&P/ASX 300 Index is to have not less than 30 percent of their directors of each gender within a specified period (ASX Corporate Governance Council 2019).

Figure 4.10. Women on Australian government boards, 2014–2019 (%)

Source: Women on Australian Government Boards Report 2008–2009 & 2018–2019; Department of the Prime Minister and Cabinet n.d..

In 2013, Korea announced a target of 40 percent female representation in the membership of government committees by 2017. This target has been enforced since February 2014. The Ministry of Gender Equality and Family has recommended that the proportion of each gender among appointed members of government committees be limited to 60 percent. As part of the monitoring, the government publishes statistics on the Ministry of Gender Equality and Family's website. According to the website, in 2018, women made up 41.9 percent of government committees, a significant increase from 25.7 percent in 2012 (Ministry of Gender Equality and Family n.d.).

As part of its monitoring system, the Korean government has established the Women Leaders Database. During 2013–2017, the database included 101,346 entries on women in leadership positions. However, women's representation in leadership positions in the private sector is still relatively low in comparison to the public sector. A survey by the Ministry of Gender Equality and Family shows that women were only 3 percent of all executives in Korea's top 500 corporations in 2017 (Park 2018). Further, 328 of those corporations had no women at the executive level. Looking at individual sectors, women's participation in the executive level was highest in the financial and insurance sector. About 45 percent of the companies in that sector had at least one female executive, followed by the wholesale and retail industry with 35.1 percent, the manufacturing industry with 32.1 percent and the construction industry with 21.6 percent.

Canada introduced a 'comply or explain' mechanism to enforce women's representation on boards of directors. In 2014, the securities regulators in Ontario, Quebec and several other regions (excluding Alberta and British Columbia) adopted the new disclosure requirements for listed companies. The companies must have gender diversity on the boards of directors and in executive officer positions and board renewal mechanisms. According to regulations in Canada, companies must disclose the following information (Walch-Watson 2014):

- Companies must disclose whether they have a written policy on the identification and nomination of women directors. Companies without a written policy must disclose the reasons for not adopting one. Companies with a written policy must disclose some information, i.e., the policy's objectives and key provisions, effective implementation measurements, annual and cumulative progress in achieving the policy's objectives, and the policy's effectiveness measurements.

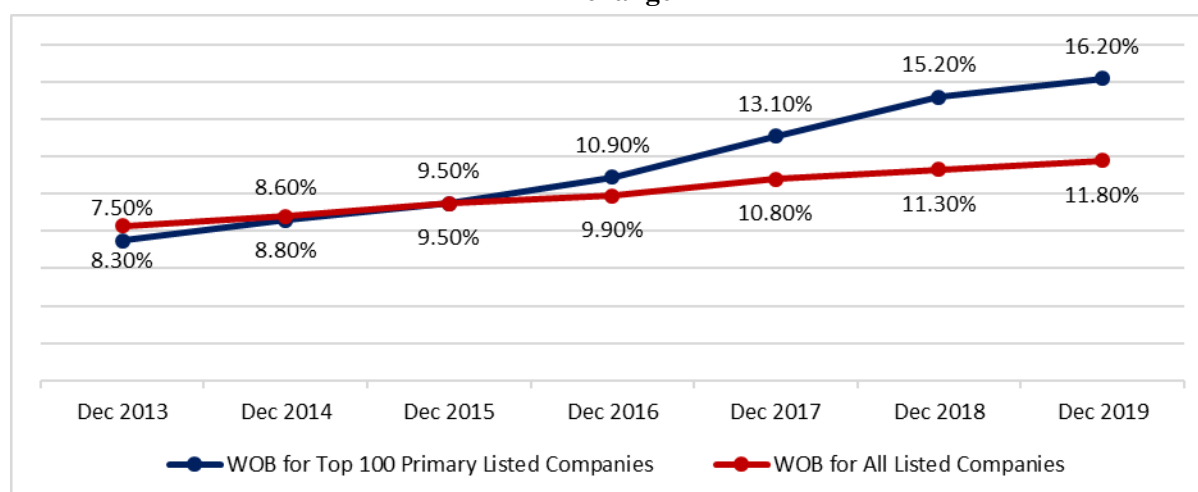
- They must disclose the perception of the board on the representation of women in identifying and nominating board candidates. If it does not consider the representation of women in this context, it must disclose the reason.
- They must disclose how they consider the representation of women when making executive officer appointments. If an issuer does not consider the representation of women in this context, it must disclose the reason.
- They must disclose whether they have adopted targets for women on the board of directors and/or in executive officer positions. If an issuer has not adopted targets, it must disclose the reason.
- The companies that have adopted targets for women on the board or in executive officer positions must disclose those targets and the issuer's annual and cumulative progress in achieving them.
- They must disclose the number and percentage of their directors who are women and the number and percentage of their executive officers (including at major subsidiaries) who are women.

In 2019, Canada's Individual Action Plans for Enhancement of the Ratio of Women's Representation in Leadership reported that 53.6 per cent of S&P/TSX 60 companies have adopted the voluntary target of 30 percent of women representation on the board. Among all disclosing companies, about 17.2 percent adopted the 30 percent level in 2018, an increase from 12.4 percent in 2017 (APEC 2019a). In a separate study in 2016, Statistics Canada shows that 19.4 percent of directors in Canada were women in 2016. Furthermore, finance, utilities, and management of companies and enterprises are categorised as industries with the highest women's representation in leadership positions. In the finance industry, 22.5 percent of the directors are women (Statistics Canada 2019).

In Singapore, the Ministry of Social and Family Development established the Diversity Action Committee in 2014 to monitor the progress of women on the boards of directors of publicly-listed companies. The committee was replaced in January 2019 with the Council for Board Diversity, which is tasked with addressing diversity not only in publicly-listed companies but also in organisations in the people and public sectors (Ministry of Social and Family Development 2019). As of December 2019, female representation on the boards of the top 100 publicly-listed companies increased from 7.5 percent in 2013 to 16.2 percent in 2019. The figure for all listed companies has also increased, from 8.3 percent in 2013 to 11.8 percent in 2019, as shown in Figure 4.11.

As indicated in Figure 4.12, the number of companies with all-male boards among Singapore's SGX top 100 decreased from 50 companies in 2013 to 19 companies in 2019. The other significant progress is in companies with more than two women on the board, which has increased from 14 companies in 2013 to 42 companies in 2019. The number of companies with one woman on the board also increased from 36 companies in 2013 to 39 companies in 2019. While for all SGX-listed companies, the proportion of all-male boards was about 48 percent in 2019, declining from 56 percent in 2013.

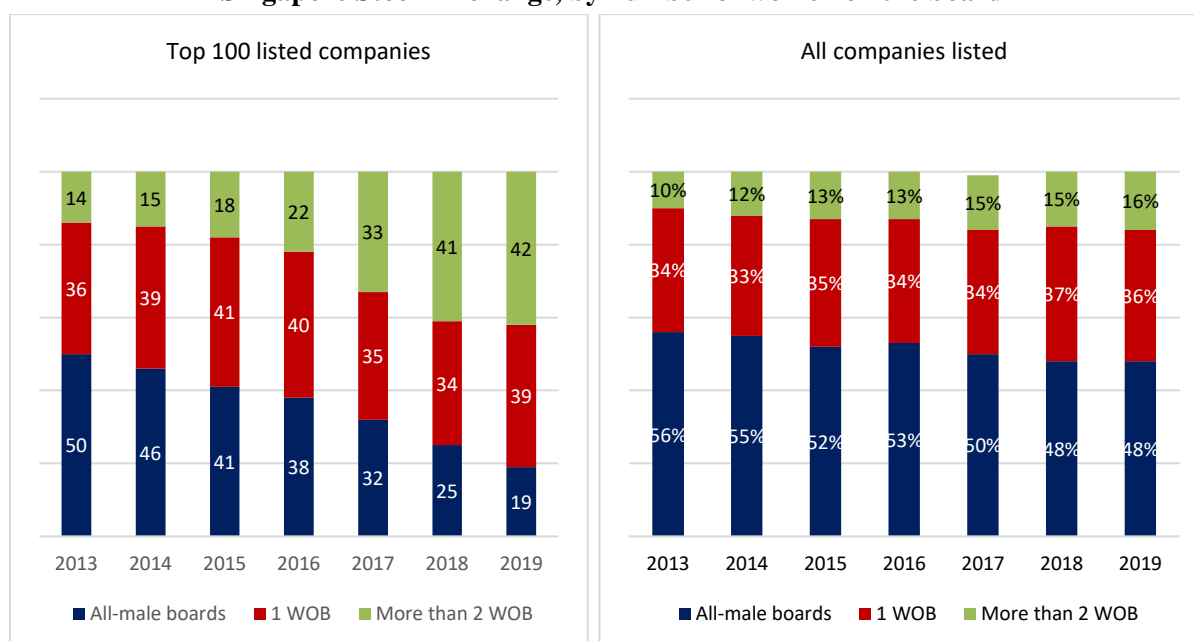
Figure 4.11. Women's participation on the boards of companies listed on the Singapore Stock Exchange



WOB=women on board

Source: Council for Board Diversity 2020.

Figure 4.12. Breakdown of proportion of women on the boards of companies listed on the Singapore Stock Exchange, by number of women on the board



WOB=women on board.

Source: Council for Board Diversity 2020.

Despite being a mechanism that is not widely supported in the whole APEC region, quotas are seen by some APEC economies as a more binding tool to improve women's representation in leadership positions. For example, Malaysia has adopted this system, with the introduction of a policy in 2011 stating that women make up at least 30 percent of senior management and board positions in companies with more than 250 employees by 2016. However, the target could not be met in 2016, and the deadline has been extended to 2020 with a focus on public-listed companies. Women in the top 100 public-listed companies held 28.4 percent of top management positions in 2016 (TalentCorp Malaysia 2016). As part of its enforcement efforts, the government plans to adopt naming and shaming for companies failing to implement the policy. At the same time, the Securities Commission of Malaysia plans to showcase companies

that have made good progress in adopting good corporate governance practices; while identifying public-listed companies that are weak in adopting such practices. No sanction is imposed on companies that have not yet to adopt and comply with good corporate governance practices (Kang 2019).

Gender diversity in leadership positions can improve the quality of the decision-making process, compared with a homogenous board, by bringing in a greater range of perspectives. Women's participation in the board of directors may improve company image and motivate women at lower levels to develop their careers. Gender diversity could also increase efficiency. A study from Catalyst (2007) finds that Fortune 500 firms in the top quartile of board gender diversity (measured by the percentage of women on the board) outperform the bottom quartile of Fortune 500 firms in terms of return on equity, return on sales and return on invested capital (Adams 2016). Another study finds that female directors have a significant impact on board inputs and firm outcomes; better attendance records than male directors; and women are more likely to join monitoring committees (Adams and Ferreira 2009). These results suggest that gender-diverse boards allocate more effort to monitoring.

Overall, APEC economies have actively promoted women's representation in leadership positions. Policies should take into account each economies' own domestic context. Studies such as Ramly et al. (2015) covering commercial banks in Malaysia; Indonesia; Thailand; the Philippines and Singapore have found that appointing female directors does not by itself significantly enhance banks' efficiency. Thus, a comprehensive corporate governance mechanism with a gender perspective is more important than relying on a single mechanism aiming only to appoint women in top leadership positions.

iv. Women's freedom from violence and harassment

Women have the right to live and work free from violence and harassment. Yet, violence and harassment remain pervasive throughout the world. It affects all occupations and sectors. In addition, it has serious consequences for workers, their families and communities, and for companies in terms of causing negative impact on their reputations and a decline in productivity (ILO 2019b). Most APEC economies already have regulations addressing violence and harassment, as noted in Part 3. But most still need to improve their monitoring and enforcement mechanisms.

An example of good practices in both monitoring and enforcement is the United States, which has recognised sexual harassment as an illegal workplace behaviour. In 1980, the US Equal Employment Opportunity Commission (EEOC) issued guidelines defining workplace sexual harassment. Many economies quickly followed the United States in recognising sexual harassment as an illegal form of workplace behaviour (Hersch 2015).

In terms of enforcement mechanisms, victims of sexual harassment in the US can report a claim by filing a discrimination charge to EEOC through their public portal on-line or by calling a toll free phone number to begin the complaint process. After contacting the agency, the EEOC staff will interview the charging party. Alternatively, victims of sexual harassment can submit claims to Fair Employment Practices Agencies (FEPAs) – state or local government entities that enforce laws similar to the federal prohibitions and partner with the EEOC in the enforcement. Both the EEOC and FEPA can work to resolve complaints, depending on what rules are applicable. If the allegations involve matters addressed in laws enforced by both the EEOC and the FEPA, the charge will be considered dually filed in both jurisdictions.

After filing a complaint online, the EEOC may contact the employer for mediation. Where mediation is not offered, is not agreed to by the parties, or does not resolve the complaint, the EEOC will ask the employer to provide a Respondent's Position Statement, for further investigation. Applicants can periodically check the status of their charge through EEOC's Public Portal. In cases where it believes discrimination has occurred, the EEOC will engage in conciliation with the respondent in an effort to informally settle the charge. In limited circumstances, the EEOC may exercise its discretion to file a lawsuit against a respondent employer where conciliation fails. Otherwise, if the charges are not resolved at the conclusion of the investigation, or upon request of the charging party prior to its conclusion, the complainant will receive a Notice of Right to Sue from EEOC, which is a prerequisite to individuals filing their own lawsuit in federal court.

In terms of monitoring in the United States, the EEOC publishes annual statistics on enforcement and litigation. Data on the number of sexual harassment charges filed at both the EEOC and FEPA agencies combined increased from 9,985 cases in 2015 to 11,254 in 2019.⁸⁴ Women made eight out of ten sexual harassment charges to the EEOC between 2005 and 2015 (Shaw, Hegewisch and Hess 2018). However, not all women who experience harassment report these incidents, due to the lack of accessible complaint processes, embarrassment or fear of retaliation. Retaliation against applicants or employees for participating in the complaint process is prohibited by law, and 71 percent of charges in 2017 included a charge of retaliation (Shaw, Hegewisch and Hess 2018).

Figure 4.13. Charges filed with the US Equal Employment Opportunity Commission ('000)



Note: Based on data on 'Charge Statistics (Charges filed with EEOC) for FY 1997 through FY 2019'.
Source: EEOC 2020.

Besides the mechanisms available through EEOC and FEPAs, private companies have put in place employer-led initiatives to fight against sexual harassment in the United States. For instance, Uber releases safety reports on information received regarding sexual assault and misconduct through its services. Moreover, Uber has committed USD 5 million over five years to prevent harassment and domestic violence against its workers, clients and the public (Boesch, Frye and Holmes 2019).

⁸⁴ Source: <https://www.eeoc.gov/statistics/eeoc-fepa-charges-filed-alleging-sexual-harassment-state-gender-fy-1997-fy-2019>.

Similarly, workers in the hotel and hospitality sector have succeeded in bargaining union contracts that include a panic button. The first of these union contracts with this feature were established in 2012 by the New York Hotels Trade Councils, AFL-CIO and the Hotel Association of New York City. This action has been followed by similar efforts with MGM International and Caesars Entertainment (Boesch, Fyre and Holmes 2019).

In certain occasions, social movements have been able to raise awareness about violence and harassment affecting women. They have provided a platform for women from all backgrounds who have experienced episodes of violence and harassment, and have motivated some governments to take action and implement reforms to deal with incidents of harassment and violence (see Box 4.2).

Box 4.2. Social movements as non-judiciary mechanisms to fight harassment and trigger reforms

In recent times, certain incidents related to harassment and violence have led to the formation of social movements, which have given survivors a platform to recover by providing advocacy to share their experiences and demand action to punish offenders.

These social movements could have a vast impact, as they could become a catalyst for structural reforms by prompting policymakers to introduce or amend laws and regulations to protect women at work. For example, regarding sexual harassment, the National Women's Law Center in the United States found that US state legislators have introduced around 200 new bills to strengthen protections against sexual harassment in the workplace, including the prohibition on the use of non-disclosure agreements as a condition of employment or as part of employment contracts and settlement agreements; the expansion of the scope of protection to include casual workers, apprentices and graduate students; the extension of the statute of limitations for filing claims for sexual harassment cases; and the incorporation of precautions such as training obligations placed on employers and sexual harassment policies in companies.

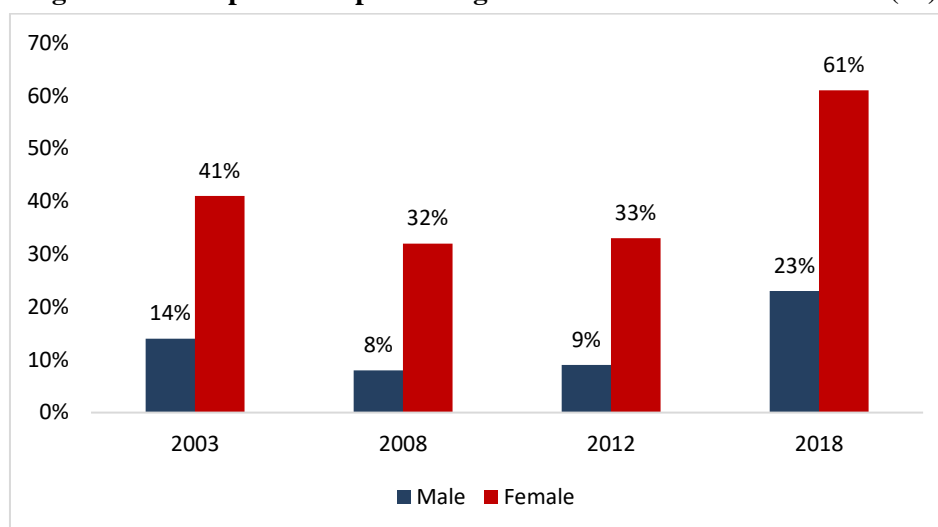
Social movements also raised awareness about the problem of sexual harassment in China and Korea and motivated governments to take action on the matter. China enacted legislation in May 2020, to define for the first time, actions that could constitute sexual harassment. The new legislation mentions that persons are liable for speech, words, images or bodily actions that have been used to carry out sexual harassment against a person's wishes. Similarly, in Korea, reforms were implemented in November 2017 by establishing higher fines and longer prison terms, for workplaces that fail to investigate sexual harassment allegations or who retaliate against the employees who make them. Furthermore, in March 2018, the Korean government announced the implementation of new policies to fight sexual assault in the workplace. The statute of limitations was raised from 5 to 7 years and the maximum sentence was increased from 5 to 10 years for abuse of power for sex and from 2 to 5 years for sexual harassment.

Note: Some information in Box 4.2 is sourced from Johnson et.al. 2019, Puckett et.al. 2020 and Korea Times 2018.

Another economy implementing good practices for monitoring is Australia, where the Australian Human Rights Commission conducts a survey on sexual harassment in Australian workplaces. The purpose of this survey is to identify the types of sexual harassment, characteristics of workplaces where harassment happens, the impact of sexual harassment for victims, and responses from witnesses of sexual harassment, among others.

Awareness of sexual harassment in Australia increased in 2018, partly influenced by social movements and media coverage of sexual harassment issues. In that year, 61 percent of the women surveyed reported experiencing sexual harassment (Australian Human Rights Commission 2018). This is far higher than in the past, as shown in Figure 4.14. However, this calculation is not specific to sexual harassment in the workplace.

Figure 4.14. Proportion experiencing sexual harassment in Australia (%)



Note: Data refer to, respectively, the percentage of man and women surveyed who reported experiencing some form of sexual harassment on the basis of the legal definition.

Source: Australian Human Rights Commission 2018, 103.

In Canada, the Workplace Harassment and Violence Regulations will come into force on January 1, 2021. The regulation supports Bill C-65, An Act to Amend the Canada Labour Code (harassment and violence), the Parliamentary Employment and Staff Relations Act and the Budget Implementation Act, 2017, No. 1 (Bill 65), which received Royal Assent on October 25, 2018. This will ensure that employers investigate, record, report, and prevent work place harassment and violence in federally regulated industries and workplaces. An employer in the federal jurisdiction should conduct the following in relation to workplace harassment and violence: 1) understand definitions, parties involved and roles of individuals and work units; 2) assess risk factors and adequacy of preventive measures; 3) jointly develop a workplace harassment and violence prevention policy with the policy committee, the workplace committee or health and safety representative; and 4) provide training specific to culture, conditions, and activities of the workplace.

Some economies, such as Australia; Chile; Japan; Mexico; Peru; and the United States, have conducted crime victimisation surveys, or household surveys with crime data not reported to the police. The survey results can be used as part of monitoring efforts. However, these surveys mostly focus on physical violence and methodologies differ widely, which restrict the ability to make comparisons across economies or to identify trends.

Table 4.5. Crime victimisation surveys in selected APEC economies

Economies	Name of survey	Topic(s) covered	First/latest survey	Type of survey	Frequency	Target population	Institution or person(s) collecting the information
Australia	Crime Victimization Survey	Physical violence (physical and sexual assault)	2009/2019	HH (1)	Every year	32,555 private dwellings from which one person aged 15 years and over was randomly selected	Australian Bureau of Statistics
Australia	National Survey on Sexual Harassment in Australian Workplaces	Sexual harassment	2003/2018	HH (1)	Ad hoc	Sample of over 10,000 Australians	Australian Human Rights Commission
Chile	National Urban Survey of Citizen Security (ENUSC)	Physical violence	2003/2016	HH (1)	Every year	25,227 homes (target sample)	National Statistics Institute (INE)
Canada	General Social Survey	Verbal abuse; humiliating behaviour; threats; physical violence; and unwanted sexual attention or sexual harassment	1985/2019	HH (1)	Every year except 1987 & 1997	Sample size varies by year and ranges from approximately 10,000 to 25,000 individuals aged 15 and older	Statistics Canada
Japan	National Crime Victimization Survey	Physical violence, stalking, domestic violence, child abuse and sexual incidents	2000/2019	HH (1)	Past surveys 2000,2004, 2008,2012, 2019	Sample size varies per year and ranges from approximately 3,000 to 6,000 individuals aged 16 and older	Ministry of Justice
Korea	Working Conditions Survey	Violence, harassment, discrimination	2006/2017	HH (2)	Ad hoc	10,000 employees, based on the European Working Conditions Survey	Korean Occupational Safety and Health Agency
Korea	Crime Victimization Survey	Physical violence	2009/2015	HH (1)	Every 2 years	6,960 households, 14,976 individuals	National Statistical Office

Economies	Name of survey	Topic(s) covered	First/latest survey	Type of survey	Frequency	Target population	Institution or person(s) collecting the information
Mexico	National Survey on Victimization and Perception of Public Safety (ENVIPE)	Victimisation at the household level, personal victimisation	2011/2019	HH (1)	Every year	102,043 housing units. Urban and rural coverage.	National Institute of Statistics and Geography (INEGI)
New Zealand	Survey of Working Life	Harassment, bullying, discrimination	2009/2018	HH (2)	Every 3 years	14,510 employed individuals	Statistics New Zealand
Peru	National Specialised Survey on Victimization (ENEVI)	Physical assault and verbal assault, threats	2013/2017	HH (1)	Every year	24 departments and the Constitutional Province of Callao, collecting information on 39,840 homes economy-wide.	National Institute of Statistics and Informatics (INEI)
Thailand	Crime Victimization Survey	Physical violence	2005/2016	HH (1)	Ad hoc	4,400 households in every province.	Office of Justice Affairs, Ministry of Justice
United States	National Crime Victimization Survey	Physical violence	1973/ 2018	HH (1)	Twice a year	Data are obtained every 6 months from a U.S.-wide representative sample of households and persons age 12 or older in those households. In 2018, 242,928 persons in 151,055 participating households completed interviews on criminal victimization.	US Department of Justice
United States	Quality of Work Life Survey	Harassment	1977/ 2014	HH (2)	Every 2 years	1,796 persons	National Institute for Occupational Safety and Health

HH (1)=Household-based survey where individuals are asked about violence in general and work-related violence in the workplace; HH (2)=Household-based survey where individuals are asked about working conditions and work-related violence.

Source: adapted from ILO 2013.

Furthermore, some economies put the onus on employers to prevent sexual harassment, educate the workforce and implement disciplinary measures. Examples include: Chile; Japan; New Zealand; and Viet Nam. Viet Nam has a code of conduct on sexual harassment in the workplace introduced in 2015 that encourages stakeholders to create and maintain a workplace free from harassment (VCCI, MOLISA AND VCGL 2015). The code suggests that effective ways of ensuring this include removing offensive, pornographic or sexually explicit materials from the workplace; regularly monitoring the policy and procedures to deal with sexual harassment; having mixed (male/female) panels for job interviews; and providing well-lit work areas equipped with an electronic monitoring system.

The Viet Nam government also encourages companies to engage in good practice on this issue. Companies should conduct regular training sessions on sexual harassment for all staff, from managers and supervisors to workers. The training should cover what constitutes sexual harassment; provide details of the company's sexual harassment policy; and provide updates on any changes to the policy. Refresher sessions are also recommended. Those responsible for ensuring that the workplace is free from sexual harassment, that is, managers and supervisors, should be trained to distinguish between appropriate and inappropriate behaviour; and those responsible for handling complaints should receive in-depth training on how to prevent and address sexual harassment.

Companies in Chile are required to have internal regulations on organisation, health and safety (*Reglamento Interno de Orden, Higiene, y Seguridad*). The regulations must include complaint procedures, safety measures, and penalties for sexual harassment. Furthermore, the government has created a standard for measuring implementation of gender equality, including prevention of sexual harassment. Companies that meet the standard can apply for the *Iguala* seal from the Ministry of Women and Gender Equality. Employers in Chile can take disciplinary actions including dismissal or contract termination as supported by domestic laws (Gonzalez-Schiaffino et. al. 2017).

A similar initiative has been implemented in Peru, through a seal for companies that are safe and free of violence and discrimination against women (*'sello empresa segura, libre de violencia y discriminación contra la mujer'*). The Ministry of Women and Vulnerable Population (MIMP) grants the seal to companies that meet a minimum standard in terms of their organisational culture, implementation of good practices, and community support. Companies with the seal get preferential treatment in government procurement. The MIMP provides training and technical assistance to seal achievers to strengthen their management skills in the area of gender equality and a violence-free environment. Each seal is valid for two years, and companies need to reapply on expiry.

Guidelines in Japan obligate the employer to provide a workplace with clear policies on sexual harassment, and ensure that all workers are aware of the policies. The policies include prevention methods, responses to harassment complaints, promotion and publication of policies, as well as investigation and corresponding disciplinary actions. Employers not complying with the guidelines face administrative action or a public announcement of non-compliance by the Ministry of Health, Labour and Welfare.

New Zealand requires employers to create a safe workplace environment free from bullying, harassment and discrimination. Companies need to implement specific policies addressing these concerns, provide training for managers, and investigate any harassment complaint. Any investigation of a complaint should consider the privacy and safety of the complainant.

Disciplinary conduct, such as dismissal of the perpetrator, should be applied after a proper investigation has taken place.

Employers in Australia are combating harassment through zero-tolerance workplace policies covering workers and clients (Safe Work Australia 2016). Australian firms are mixing policy enforcement efforts for preventing sexual harassment with training and procedures with normative and positive values. For instance, the Australian entertainment industry has released industry codes to eliminate sexual harassment and bullying (Australian Chamber of Commerce and Industry 2019).

In general, enforcement in the area of women's right to freedom from violence and harassment has shown some weaknesses, and this could be due to several factors. There is a culture of silence around harassment in several economies, and women fear reporting these incidents to their employers or husbands (Guardian 2019). Also, some women may not recognize their right to live and work free from violence and harassment (UN Women 2019). There is a common perception that sexual harassment is an intractable issue. Even when harassers are found to be in violation of the policy, they are rarely terminated and often receive light punishments, such as temporary paid or unpaid leave (Shannon and Tinkler 2020). The end result of these cases varies in economies, ranging from an apology to the victim or disciplinary warning, to counselling, transfer, demotion or dismissal, depending on the severity of the case and regulations in place.

According to the APEC Women at Work report, a comprehensive strategy that includes laws and regulations, and monitoring and evaluation, is insufficient to prevent and reduce violence and harassment. This report highlights the importance of employers actively investing in the prevention of violence and harassment. Finally, ILO (2013) highlights that one of the challenges is the lack of a uniform definition of violence due to different perceptions in different cultures. The acceptable behaviour threshold is often vague. Conflating the concepts of violence and harassment within a single definition could be problematic, not only because of subjective understandings and cultural interpretations, but also because of the different legal responses to violence and harassment (ILO 2018a).

The good practices mentioned above emphasise the importance of monitoring and enforcement mechanisms, as well as employer-led initiatives to prevent violence and harassment. Mixed strategies combining policies and training with normative and positive values are necessary. It is also important to have proper guidelines to define violence and harassment, as definitions are the basis for the implementation, monitoring and enforcement processes.

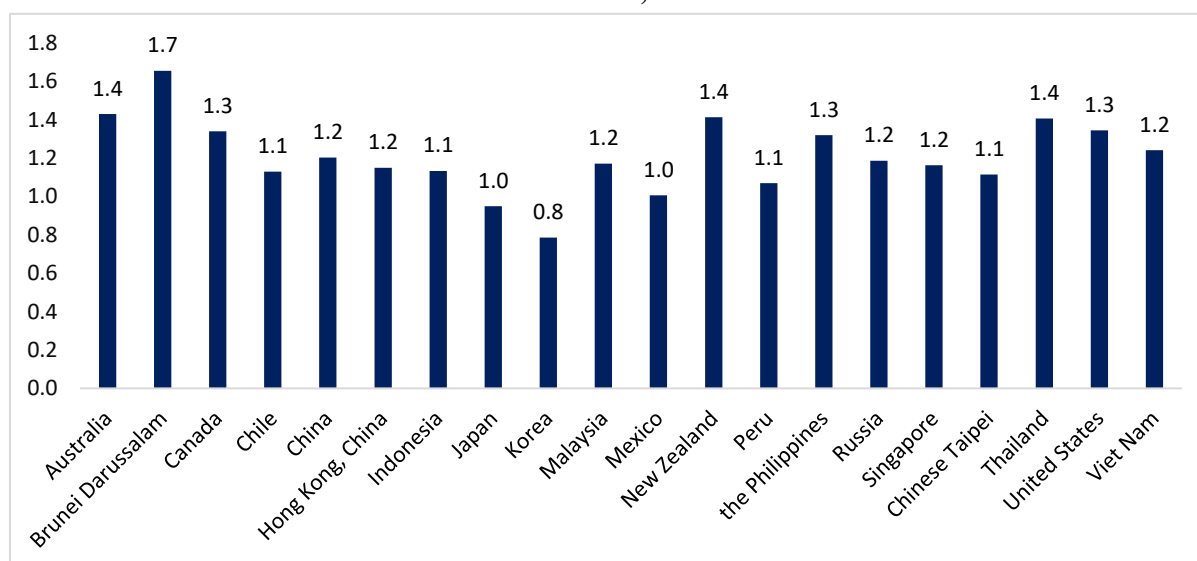
v. Women's access to education

One of the indicators used to measure the improvement of women's access to education is the gender parity index (GPI).⁸⁵ According to UNESCO (2018b), the world has achieved, on average, the target GPI at primary and secondary education levels. However, when disaggregated by regions, groups of economies according to income, or individual economies, the picture looks different. Only 66 percent of economies have achieved gender parity in primary education, 45 percent in lower secondary and 25 percent in upper secondary. Among

⁸⁵ The gender parity index (GPI) is the ratio of female-to-male values of a given indicator. GPI is calculated by dividing the female value of an indicator by the male value of the same indicator. GPI equal to 1 indicates parity between females and males. In general, a value less than 1 indicates a disparity in favour of boys and a value greater than 1 indicates a disparity in favour of girls (UNESCO n.d.).

APEC economies, Brunei Darussalam had the highest GPI for tertiary level in 2016, followed by Australia; New Zealand; and Thailand, as indicated in Figure 4.15.

Figure 4.15. Gender parity index (GPI) for gross enrolment ratio in tertiary education in APEC economies, 2016



Note: GPI less than 1 indicates less opportunity for women in tertiary education compared to men. Data for the Philippines is for 2017. No data available for Papua New Guinea.

Source: World Bank; Chinese Taipei Ministry of Education (Chinese Taipei data); Knoema.com (Japan data); CEIC (Philippines data); author's calculations.

In order to promote women's access to education, all APEC economies have addressed women's right to education through law (education, gender non-discrimination, human rights) or their constitution. The implementation, which includes monitoring and enforcement, of gender equality in education commonly falls under the ministry responsible for education.

It is worth noting that the United States was the first economy to initiate affirmative policies. Every school and college receiving federal funds is required to issue statements on non-discrimination. In addition, the Education Amendments of 1972 (Title IX) prohibits discrimination on the basis of gender. The enforcement of this regulation is overseen and enforced by the Office of Civil Rights of the US Department of Education.

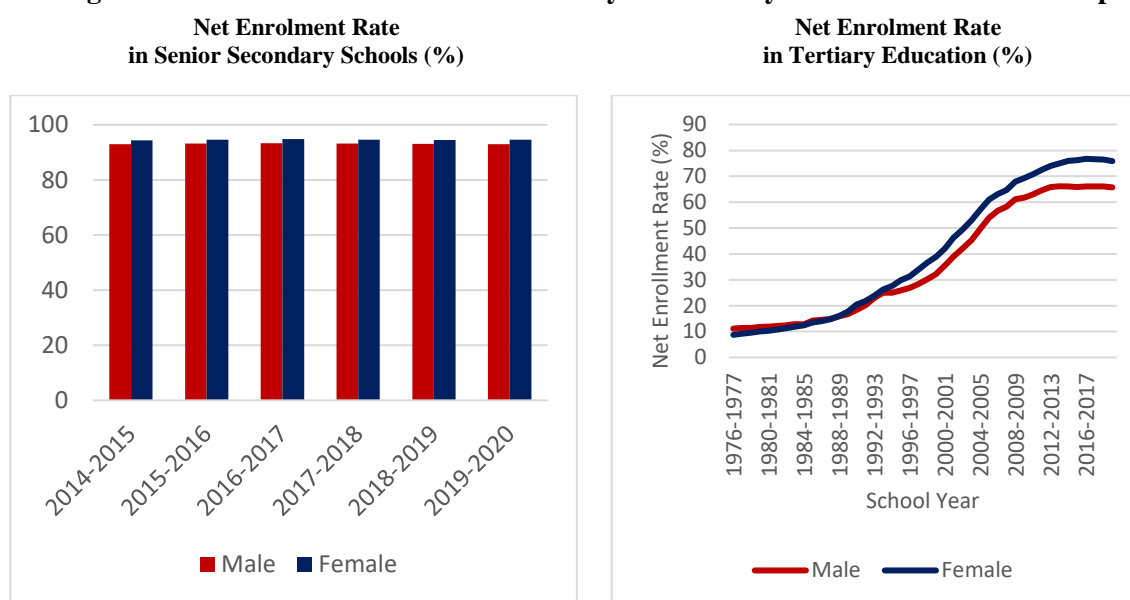
To monitor the progress on access to education, APEC economies have made progress collecting education enrolment data, including sex-disaggregated data. The data are available in government-related websites and in international databases such as the World Development Indicators (WDI) by the World Bank and the Global Education Monitoring Report from UNESCO.

In the area of enforcement, there are good practices within the APEC region that include financial penalties as part of the enforcement process. For example, Chinese Taipei's Gender Equity Education Act enacted in 2004 seeks to advance genuine gender equality, eliminate gender discrimination, safeguard human dignity, and soundly establish education resources and environments that epitomise gender equality. Under this law, each educational institution must formulate regulations, govern the implementation of gender equity education and disseminate the information to the public.

The Gender Equity Education Act in Chinese Taipei mandates that each educational institution must establish a gender equity education committee for investigating and handling related

cases. It specifies the mechanism for investigation and remedy, as well as the financial punishment for institutions that fail to comply with the law (Ministry of Justice 2018). Chinese Taipei has been successful in supporting female students to pursue tertiary education. In fact, net enrolment rates for women in tertiary education have surpassed those of men since 1988. In the academic year 2019/2020, the gap was about 10.2 percent in favour of women. Meanwhile, the gap in net enrolment rates between men and women in secondary school in Chinese Taipei was 1.6 percent in favour of women as shown in Figure 4.16.

Figure 4.16. Net enrolment rate in secondary and tertiary education in Chinese Taipei



Source: Ministry of Education 2020

In Hong Kong, China the government has enforced women's right to education through judicial mechanisms. In 1998, the Hong Kong Equal Opportunities Commission conducted a formal investigation of the Secondary School Places Allocation (SSPA) system under the Sex Discrimination Ordinance, as it suspected gender discrimination in the system. The SSPA had been implemented since 1978 and used gender scaling, separate banding mechanisms for boys' and girls' scores, and fixed gender quotas in co-educational schools as criteria (Equal Opportunities Commission 2012).

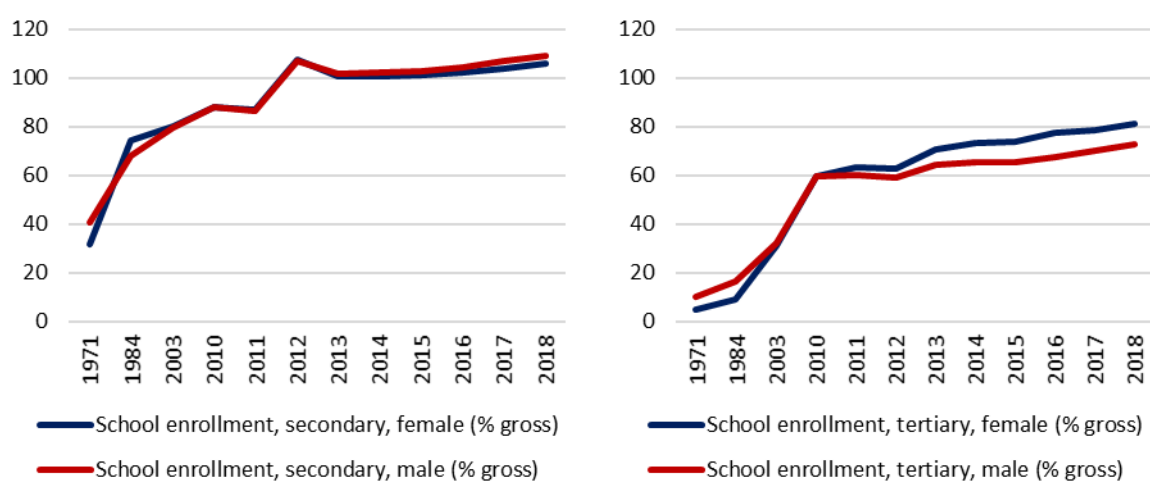
Overall, the court considered that the operation of the SSPA system unlawfully caused gender discrimination against individuals due to:

- The scaling mechanism, which adjusted the scores of students from different schools so as to enable comparison between them. Boys and girls were treated separately with different scaling curves. This meant that the eventual priority in school placement depended in part on gender.
- The banding mechanism, which put all students into bands based on their adjusted scores. Different band cutting scores were used for boys and girls, so that, for example, girls needed a higher score for the top band than boys. This again meant that priority for placement depended in part on gender.
- There was a gender quota in co-educational secondary schools to ensure that a fixed ratio of boys and girls would be admitted to each school. This meant that admission might depend on gender.

The system was declared in violation of the Sex Discrimination Ordinance by the Court; and the discriminatory elements in the allocation system were removed (Wu 2002). As a result of this case, over 100 female students were transferred to more favoured schools in 2001. Also, the allotment of places is no longer based on gender. Due to the success of this case, the EOC received at least two sex discrimination complaints concerning the SSPA system back in 2003 (Right to Education Initiative 2018).

Overall, the gender gap in education has been closing in Hong Kong, China for the last 40 years especially in tertiary education, to the point that enrolment rates in tertiary education for women have surpassed those for men. In 2018, the female gross enrolment ratio was 81.1 percent; while the male gross enrolment ratio reached 72.9 percent (Figure 4.17). With secondary education, the enrolment rates for women have surpassed those for men for some period starting in 1980, though the male gross enrolment rate has been slightly higher than women by 1 to 3 percentage points in recent years.

Figure 4.17. Gross enrolment rate in secondary and tertiary education in Hong Kong, China



Source: World Bank 2020.

In Canada, the right to equality and non-discrimination is constitutionally enshrined in the Canadian Charter of Rights and Freedoms. Individuals may file a report to Canadian Human Rights Commission if they experience gender-based discrimination in education. The Commission acts as an Agent of Parliament that operates independently from the federal government. After analysing the report, the commissioners will either dismiss the complaint; send the complaint to conciliation; defer their decision and request more information and further analysis; or refer the complaint to the Canadian Human Rights Tribunal. The decisions made by the commissioners are final (Canadian Human Rights Commission 2020).

In Korea, individuals may file a complaint to the National Human Rights Commission if they experience discrimination in education. If the Commission finds the complaint valid, it transfers the complaint to another concerned government agency according to remedial procedures provided in the laws. The Commission may also conduct an ex officio investigation by a resolution of its sub-committee in charge, including the Standing Commissioners' Committee, if there is sufficient evidence of grave human rights abuses or discriminatory acts. For example, the Commission investigated a case of gender discrimination in a Korean elementary school in 2018. The parents of a female student in one elementary school in Seoul filed a petition arguing that the school's roll call practice reflected gender discrimination. Male

students had been listed first in the roll book followed by female students, and the roll call was made in this order. The Commission viewed this practice as an act of gender discrimination that could mislead young students into thinking that men took priority over women. It ruled that such a practice could not be justified and requested that the principal of the school change the practice (Miranville 2019).

China upholds women's right to education under the the Constitution, Compulsory Education Law and the Law on the Protection of Women's Rights and Interests, which stipulates that it is the duty of parents to send their daughters to school. This law also encourages women in rural areas to get vocational education and technological training. According to this law, women can file a lawsuit in the People's Court and file a complaint with a women's organisation in case of any dispute related to this law. The monitoring mechanism of this law also allows women's organisations to criticise violations of this law in the media and request for investigations to the related department. Administrative sanctions can be applied to individuals who delay an investigation of a complaint. China's female school enrolment rate, especially for primary education, has been increasing since 2014 by about 1.4 percent per year. The female gross enrolment rate for secondary education has also improved over the years, reaching 88.8 percent in 2018, 6.3 percentage points higher than the level in 2010 (National Bureau of Statistics of China 2020).

All in all, monitoring mechanisms to improve access to education are well developed in APEC economies, including collecting and publishing sex-disaggregated data. Along these lines, enforcement mechanisms including stages of investigation, remedies, judicial mechanisms and financial penalties have been adopted. In some APEC economies, enforcement is through specific institutions that receive reports and conduct investigations. The impact of the monitoring and enforcement mechanisms is likely reflected in improving net female enrolment rates for all education levels in APEC economies.

vi. Maternity leave

As mentioned in Part 2, maternity leave is another form of support provided to women for their participation in economic activities and most APEC economies have regulated to protect pregnant women from dismissal. Australia is an example of an APEC economy with good practices in terms of the implementation, monitoring and enforcement mechanisms for the maternity leave policy. In terms of the impact, the maternity leave policy in Australia has increased women's participation in paid employment (Broadway et al. 2020).

For example, Australia introduced a comprehensive paid parental leave scheme, with eight weeks at full rate equivalent.⁸⁶ Centrelink and the Fair Work Ombudsman respectively have a role in ensuring that employers comply with their obligations under the Paid Parental Leave Act. Centrelink may refer certain matters to the Fair Work Ombudsman for investigation and compliance action, for example, when an employer is believed to have contravened his or her obligations to provide parental leave pay to a person. For monitoring purposes, employers in Australia are required to consider information such as the number of female and male managers and non-managers utilising parental leave, and the number of women and men promoted during parental leave (WGEA n.d.-a).

⁸⁶ Maternity and paternity leave both fall under parental leave which is 12 months unpaid and for which parents can claim 18 weeks leave pay, based on the domestic minimum wage. While each parent is entitled to unpaid job-protected leave, only one parent can take it at a time.

Centrelink and the Fair Work Ombudsman can enforce employer obligations through, first, a compliance notice, requiring the person to rectify the contravention; second, an infringement notice, requiring the person to pay a pecuniary penalty; and third, a civil penalty, by applying to the federal courts, potentially requiring the employer to pay a higher pecuniary penalty. (Australian Government 2020).

The Australian Human Rights Commission (2014) emphasises the importance of monitoring and evaluating policies and practices through regular audits of retention rates; conducting regular surveys and consultations with staff who intend to use or have recently used parental leave, or have returned to work; actively tracking career progression post-parental leave; and instituting regular implementation of relevant feedback into policies and practices.

Meanwhile, Australia's Fair Work Ombudsman (2020) has identified good practices to help employers develop and monitor their own policies by:

- providing extended periods of employer-funded paid leave
- 'topping up' an employee's pay to their full rate of pay during the period of government-funded parental leave pay
- continuing to pay an employee's superannuation contributions while on unpaid leave
- providing a return-to-work bonus, payable after an employee has returned to work following parental leave
- providing the option of taking paid leave at half pay
- providing non-primary carer (usually paternity) leave to be taken at the time of birth or placement of a child
- allowing the non-primary carer to access other existing leave entitlements, including annual leave and long service leave, for extended periods around the birth of a child
- allowing employees to purchase and repay longer periods of paid leave

A study by Martin et al. (2014) evaluating the implementation of the paid parental leave scheme in Australia, shows that there were gaps in the beginning. For instance, access to parental leave was highly unequal, with very low levels of access among large groups of women, such as those in informal jobs and those working for small and medium sized businesses. However, after improvements were made, the implementation was relatively smooth and largely consistent with expectations.

In terms of impact, paid parental leave has been relatively successful in Australia, as there have been some positive changes in mothers' labour force participation and labour supply, mothers' and babies' health and wellbeing, and gender equity and work-life balance. In particular, the introduction of paid parental leave has led to rapid growth in women's participation in paid employment and education. Broadway et al. (2020) notes that paid parental leave has had a positive impact on the same-job retention rate (same employer and position), with 77 percent of mothers with access to paid parental leave returning to the same job within 365 days after the baby's birth, compared to 73 percent of mothers without access to paid parental leave.

Similarly, paid maternity leave in Brunei Darussalam has been extended to 15 weeks (or 105 days) for government employees, 13 weeks (or 91 days) for private sector employees (Alhaji et al. 2017) and 9 weeks for foreign employees. For government employees, paid maternity leave does not cover the entire period of the minimum statutory leave, since eight weeks are paid by the employer, five weeks by the government, while the remaining two weeks come from unpaid leave. An employee can make a complaint at the nearest police station regarding any breach of the maternity leave regulations, and this is passed to the Labour Enforcement

Division. An employer who fails to pay the salary of his female employee during maternity leave could be fined up to USD 1,000, imprisoned for up to 6 months, or both (under the Maternity Leave Regulation of 2011).

Brunei Darussalam has clear monitoring, enforcement and punishment mechanisms in this area. The Department of Labour under the Ministry of Home Affairs monitors and enforces the regulation. However, despite the provision of maternity leave, the Department of Economic Planning and Statistics (2020) reports a 6.6 percentage point reduction in women working as employees, from 95.8 percent to 89.2 percent between 2011 and 2019, as shown in Table 4.6. It is noteworthy that the percentage of female own-account workers increased from 2.4 percent to 7.7 percent during the same period.

Table 4.6. Distribution of employed persons by status in employment and sex in Brunei Darussalam (%)

Male	2011	2014	2017	2018	2019
Employees	93.8	90.8	90.8	93.1	92.2
Employers	2.6	4.6	3.4	2.9	3.2
Own-account worker	3.3	4.1	5.4	3.6	4.1
Contributing family worker	0.3	0.3	0.4	0.4	0.6
Total	100	100	100	100	100
Female	2011	2014	2017	2018	2019
Employees	95.8	92.6	91.5	91.5	89.2
Employers	1.5	2.4	2	2.6	2
Own-account worker	2.4	4.1	6.2	5.4	7.7
Contributing family worker	0.4	0.8	0.3	0.5	1.1
Total	100	100	100	100	100

Source: Department of Economic Planning and Statistics 2020.

The different outcomes from the expansion of maternity leave policies in Australia and Brunei Darussalam show that there are other factors beyond maternity leave schemes, which determine women's preference to participate in the labour force, such as educational attainment, personal preferences, childcare policies and socioeconomic conditions.

In terms of implementation gaps, ILO (2014) notes that one of the main issues is the distinction between how many workers are covered by maternity protections in law and how many actually benefit in practice. This is linked to women lacking awareness of their legal entitlements and benefits, their insufficient contributory capacity (to social security schemes for example), gaps in social security systems, inadequate enforcement, discriminatory practices, participation in the informal sector, and social exclusion.

Another issue is the lack of adequate and sustainable funding for monitoring and evaluation of social security. This is fundamental to achieving a substantial level of coverage among female workers of reproductive age. Labour inspectorates must be adequately staffed, inspectors adequately paid, and information and training on maternity protection readily available. Institutional structures for receiving and addressing pregnancy-related discrimination complaints must be created, staffed and funded. Support can be extended to employers to improve the range and quality of workplace health facilities for women (ILO 2012b).

Based on the good practices above, regulations on maternity leave must be complemented by clearly defined, well-implemented monitoring and enforcement mechanisms. Regular audits,

surveys and consultations with staff who intend to use/have recently used the programme are important, as is incorporating relevant feedback into policies and practices. There is also a need to ensure that women are aware of their legal entitlements and benefits, and that the agencies in charge of the monitoring and enforcement mechanisms, such as labour inspectorates, are strengthened.

PART 5: SUMMARY OF KEY FINDINGS AND POLICY RECOMMENDATIONS

This report examines trends in female labour force participation (FLFP) in the APEC region, as well as prevailing policies that impact on women's economic empowerment, in particular those related to: (1) access to education, training and skills; (2) access to credit, financial services and products; (3) maternity leave, return to work and access to childcare support; (4) discriminatory practices and restrictions in employment; and (5) freedom from violence and freedom of movement.

Female labour force participation in the APEC region

FLFP rates in the APEC region are in line with global trends. Since the mid-2000s, there has been a slight declining trend in the participation of both men and women in the labour force. Reasons include demographic factors, personal preferences and sociocultural aspects, rather than macroeconomic conditions. For example, students are not counted in the labour force statistics, and the emphasis on higher education in recent decades as the path to more work opportunities and better living conditions has motivated more women to enrol in tertiary education institutions. It may also be possible that some women are deciding to withdraw from the labour force due to particular circumstances, such as difficulties in balancing family and work responsibilities, care of young children or elderly relatives, or early retirement.

Nevertheless, in terms of employment levels, women have been able to narrow the gap with respect to men. In 1990, only 65 women were working as employees for every 100 male employees. Now, there are 78 female employees for every 100 male employees. Furthermore, while the proportion of female-to-male employers is still low (around 35 female employers for every 100 male employers), this is much higher than the levels in the early 1990s (around 23 female employers for every 100 male employers).

These numbers show that women have been able to access better work opportunities and better chances to climb up to leadership positions in recent decades. This is supported by factors such as non-discriminatory policies in the labour market and better laws, regulations or policies to facilitate balance between work and private life.

However, despite these improvements, women are still more vulnerable than men in the labour market. In the APEC region, the number of women working as contributing family members in family businesses, who may work informal jobs and do not receive a salary or other social benefits, is almost double that of men. In addition, women represent a significant proportion of the workforce in the frontline services sectors (e.g., retail, hospitality and tourism) that are more vulnerable to an economic downturn such as the current one caused by the COVID-19 pandemic. Women are also more likely to work in the informal sector where there is no health and unemployment insurance, increasing their vulnerability during episodes of crisis. These weaknesses show that governments need to continue implementing regulatory reforms while businesses need to improve good practices to ensure that women have the same labour opportunities as men.

Policies in APEC: Achievements and gaps

There has been important progress made in instituting policies that advance women's economic empowerment by widening access and opportunities, while also narrowing the gender gap in economic and social outcomes. In the past two decades, APEC economies have implemented structural reforms that promote gender equality in employment, ensure pay equity, institutionalise paid maternity and paternity leave as well as childcare subsidies, and protect women from violence. At the same time, it should be pointed out that some laws are inadequate, not mutually reinforcing, and, for some economies, non-existent, hampering women from having equal opportunities to contribute to the economy.

A majority of APEC economies have longstanding laws and regulations stipulating non-discrimination in education for both women and men. This has had positive outcomes, reflected in the narrowing gender gap in education which is now at 5 percent across the region. Moreover, the number of female students in tertiary education has increased by 3.1 percent per year between 2000 and 2018, and there are more female students than male in tertiary education across the region. Complementing initiatives on the academic path are the programmes focused on vocational studies and training. Many such programmes target vulnerable women such as those with disabilities or from low-income households. Others aim to help women who want to work in male-dominated fields and/or seek a career change by equipping them with specialised skills.

However, APEC women's engagement in the STEM fields, both in tertiary education and in the career trajectory, remains low. Studies have shown that this gender gap is related more to attitudes than aptitude, underscoring the importance of tackling stereotypes and changing views on suitable career paths early on. This is cause for concern because science, problem-solving, and technology-related innovation could benefit from the diversity in approaches and perspectives that women bring to the field. Also, many work opportunities require STEM-related skills, which are becoming more relevant in the midst of the COVID-19 pandemic. In fact, COVID-19 is changing work-life habits, due to the greater use of digital technologies to enable working from home, for example.

Some indicators of access to credit, financial services and products also show a narrow gap between men and women. In 2017, APEC women averaged 75.6 percent in terms of account ownership in any financial institution, with men averaging 77.7 percent. In addition, all women in APEC can sign a contract, register a business and open a bank account in the same way as a man. These laws, which support women's entrepreneurship, are boosted by financial inclusion programmes that provide low-interest loans and other credit access mechanisms to MSMEs that are mostly women-owned and women-led.

Access to credit remains hindered by discriminatory biases. Less than half of the APEC economies have put in place laws that prohibit discrimination in access to credit based on gender and marital status. The challenges in women's ability to access credit is further aggravated by the dearth of credit bureaus in the APEC region that collect important information on microloans, retail loan satisfaction and utility bill payments. These kinds of information could help MSMEs gain access to credit, and help credit providers capture the creditworthiness of small borrowers with insufficient credit records.

Almost all APEC economies have laws protecting pregnant women from dismissal. In 2020, 13 APEC economies provided paid maternity leave of at least 14 weeks, more than double the

6 members in 2000. The number of APEC economies providing paid paternity leave also went up significantly, to 15 economies in 2020 from only 2 economies in 2000. While policies surrounding maternity and paternity leave have improved in the APEC region, more work needs to be done, since some APEC economies have yet to offer these benefits to parents with young children. Better regulation and corporate practices on flexible working arrangements could facilitate women's return to work after giving birth.

Unfortunately, lack of support for mothers still represents an obstacle for women's careers. Not all APEC economies guarantee a woman's return to the same or equivalent position after maternity leave, with only 10 members providing such protection through legislation. High childcare costs relative to income also deter women from going back to gainful employment, opting instead to stay home and take care of their children. Childcare services can consume up to 40–80 percent of household income for APEC economies based on available data.

Most APEC economies have already established laws against discrimination in hiring based on gender, and in theory, women can get a job in the same way as men in all APEC economies. However, women still face restrictions in the labour market because of regulatory gaps and other negative factors. In fact, there remain regulatory barriers to women entering certain industries in all but 13 APEC member economies. Moreover, on joining the workforce, the persistent gender pay gap and lack of career advancement opportunities, particularly into leadership positions, threaten women's continued participation at work. This is despite empirical studies showing that promoting gender diversity in the workplace, particularly ensuring women's representation at the management level, is a smart business strategy that results in higher returns on equity, sales and investment growth.

Gender-based violence is a serious problem affecting women's participation, performance and productivity in the labour market. In the APEC region, 19 economies have laws specifically addressing domestic violence, but this is still a problem not just in the region, but also in the rest of the world. The COVID-19 pandemic has made the issue more evident and urgent, as lockdowns have resulted in domestic violence reports increasing by around 20 percent. Sexual harassment in the workplace is another problem. While 16 APEC members have laws against sexual harassment in employment, only 13 members provide criminal penalties or civil remedies for such cases. More work could be done to provide legal protections against violence, develop comprehensive programmes to raise awareness and improve victim support services.

In terms of freedom of movement, almost all APEC economies have regulations that allow women to travel outside their home in the same way as men. Nevertheless, there have been frequent incidents of harassment on public transport. Most of the cases are not reported, and even fewer result in prosecution. Only 4 out of 21 APEC economies have explicit laws on sexual harassment in public places, indicating a significant policy gap that puts many women in a vulnerable position as they go to and from work.

Compounding the prevailing policy gaps and structural barriers are cultural mindsets that play a pervasive role in affecting women's economic participation from one generation to the next. In most parts of Asia, women are expected to take on a greater share of the household and family responsibilities compared to men. Aside from childcare, women also perform a disproportionate share of the (unpaid) household chores, such as routine housework, shopping, and caring for elderly household members. In addition, a corporate culture that requires availability and geographical mobility at all times can discourage some women from seeking management roles as it may impinge on the work–family balance.

There is still a long way to go toward changing mindsets and addressing gender stereotypes. Nonetheless, APEC economies have taken on the challenge by exerting consistent efforts to institute policies and launch programmes to encourage more women to participate in the economy.

Reform process: Some lessons

APEC economies are in different phases of economic, social and technological development, which gives rise to different priorities and policy actions. Nonetheless, there is increasing recognition among APEC economies that women's economic empowerment is a policy imperative that contributes to strong and inclusive economic growth. The overarching goal of attaining resilient and inclusive economic growth by boosting women's economic participation has led APEC economies to institute structural reforms that serve to widen access and opportunities for women.

Although the reform process varies across APEC economies, one important lesson is that implementing effective and well-targeted policies requires statistical data. In particular, sex-disaggregated data allow policymakers to assess the situation in the field and evaluate whether policies are both effective and appropriate. Sex-disaggregated data also improve transparency and make governments accountable, as people can track whether policies to support women's economic empowerment are working. In addition, data provide hard evidence that helps to legitimise discussions and are a powerful tool to raise awareness on women's realities and issues.

Government commitment, particularly at the highest level of policy decision-making, remains crucial. Political will to advance women's economic empowerment coupled with allocation of resources will facilitate the implementation of policies that ensure access and opportunities for women across a range of economic sectors. For example, the government may launch medium-term policy goals to support women in STEM fields accompanied by financial and technical resources. A government agency, usually the Ministry of Education, takes on the task of translating the policies into programmes in partnership with science-based organisations. Various activities to promote awareness and raise women's participation in STEM fields are then introduced, such as establishing science and innovation schools, providing grants for higher studies in STEM fields, forming a network of female scientists and engineers, conducting peer learning sessions and science and technology fairs, and identifying paths to entrepreneurship via science and technology.

It should be emphasised that partnerships between the government and the private sector, as well as non-governmental and international organisations, and women-based community groups, play a significant role in programme design and implementation, as these partners often bring relevant expertise and experience that would help ensure that policies are translated into relevant and effective programmes, thus advancing the goal of supporting women's full participation in the economy.

The policy process does not stop with creating and implementing policies. Enforcement and monitoring mechanisms need to be established to ensure consistent implementation and achieve the main policy goal of advancing women's economic empowerment. Necessary to this is identifying key policy stakeholders and their corresponding roles. The enforcement and monitoring mechanisms vary across the APEC region. Some make use of judicial processes, leaning toward policy enforcement through imposing penalties and prosecuting violators. Others turn to non-judicial processes, such as naming and shaming, certification seals, comply-

or-explain mechanisms, acknowledgment of achievements, and incentives in terms of government procurement benefits. Across the region, there is a growing recognition that the monitoring process should include gathering of updated information and data that could be used as the basis for adjusting policies so that they remain relevant and effective.

Policy recommendations

The past two decades have witnessed significant improvements in policies that work for women. However, there are still policy gaps that serve as barriers to women's full participation in economic activities. As a whole, the APEC region should exert efforts toward implementing policies and allocating dedicated resources to increase women's access to education and skills development; credit and finance; and labour markets while ensuring protection from violence and their freedom of movement.

A number of policy recommendations could be gleaned from the findings of this report. There are general recommendations for APEC economies to consider over the medium to long term, keeping in mind that the prioritisation of policies depends on economic conditions and other economy-specific factors. There are also recommendations that have arisen due to the adverse impact of the COVID-19 pandemic, particularly on women's employment, income security, and protection from domestic violence, which are urgent and actionable in the near term.

General policy recommendations for economies' consideration:

- **Enhance women's participation in the STEM fields, which are becoming more relevant in this technology-intensive, fourth industrial revolution era.** Policies could target the twin concerns of women's low participation in the labour market and the lack of data on women's representation in the STEM fields, which makes it difficult to measure progress across the APEC region. Policies on STEM could also include allocating specific resources for women in STEM fields in the form of research and scholarship grants, for example.
- **Widen women's access to credit by prohibiting discriminatory biases.** Policies could eliminate the dual constraints of discrimination based on gender and marital status that women face in accessing credit by enacting laws and policies targeting such discriminatory biases. These legal and policy measures contribute to women's financial inclusion and income security, including through boosting their capacity to start a business, which could benefit the entire household.
- **Increase women's representation in leadership roles, both in the private and public sector, by implementing good practices to support work–family balance and address the problems of discrimination and violence.** A number of empirical studies have shown that gender diversity raises the productivity and profitability of business organisations. Moreover, women's representation in political decision-making is essential to facilitate the formulation, implementation and enforcement of policies aimed at ensuring equal rights and opportunities.
- **Protect women's freedom from violence and harassment.** Although a majority of APEC economies have laws that protect women from violence and harassment, there are associated concerns related to enforcement and reporting mechanisms that result in women remaining vulnerable at home, in public areas and at the workplace. There is room for laws and policies to be more proactive and responsive in preventing and prohibiting violence and harassment, so that women are supported and protected

anywhere from these threats. This will ensure the use of women's full potential, facilitating their increased contribution to economic activities.

- **Ensure inclusiveness in terms of opportunities and access, mindful that women from vulnerable groups may face additional layers of discrimination.** Some APEC economies have brought to fore issues of significant gaps in employment rates affecting indigenous women, those living in rural and remote areas, culturally and linguistically diverse women, and women with disabilities. These factors aggravate issues on lack of opportunities and access available to women.
- **Strengthen enforcement efforts.** The report shows that many APEC economies have incorporated conventions and recommendations developed by international organisations in their legislation. However, despite these efforts, women are still behind men in terms of enjoying the same economic opportunities, in part because what it is reflected in the laws and regulations (*de jure*) is not necessarily the same as what it is happening in reality (*de facto*).
- **Leverage APEC as a venue to help shape the agenda for women's economic empowerment in the region.** APEC economies have implemented significant policies and programs that advance women's empowerment. APEC, through its relevant sub-fora, could develop a regional agenda that could serve as a guide to member economies towards increasing women's participation to economic development.

Recommendations in light of the COVID-19 pandemic for economies' consideration:

- **Provide training to re-skill/upskill women with digital skills.** Lockdown and social distancing measures due to the COVID-19 outbreak have brought to the fore the importance of technology and digital skills for households and businesses to continue to function/operate. The services sector, the informal economy and MSMEs employ a considerably higher number of women; but the movement restrictions have left them with job and income losses. Policies that support training for women to have the necessary digital skills will help them to cope with the new normal post-pandemic. Related to this, programs and other mechanisms could be put in place to support women to complete skills training amid increasing care responsibilities as they stay home amid the pandemic.
- **Ensure support for MSMEs.** MSMEs, which are mostly women-led and women-owned, are exposed to liquidity and solvency risks. Immediate policy actions that ensure continued flow of credit to MSMEs, including liquidity injections, rental and utility subsidies, loan restructuring and deferment of payments, tax relief measures, and other loan and credit guarantees could help MSMEs to stay afloat, minimising the risk of an entire household going into poverty.
- **Protect against violence.** Assessments by the UN of an additional 15 million cases of domestic abuse for every three months of lockdown (UNFPA 2020) combined with reports of increased calls to crisis centres in some economies give urgency to this issue. Policies on violence against women should be enforced, along with ensuring that resources remain available for abused women. Policy coordination between the central government and local governments can be strengthened to facilitate enforcement and monitoring of existing laws, allowing authorities to act in an immediate manner to protect women from violence.

- **Support the continuation of flexible and remote working arrangements adopted in some economies to ensure continued labour productivity during COVID-19 lockdowns and the implementation of social distancing measures.** As a result, flexible work arrangements have become more widely accepted and may offer greater opportunities for women to balance work and responsibilities at home, or more easily re-enter the workforce after childbirth. However, it is imperative that flexible work arrangements are coupled with access to affordable childcare services to help women maintain productivity levels and stay in the labour force.

APEC economies have been at the forefront of designing policies that seek to encourage the increased participation of women and advance women's economic empowerment. Inadequate policies, gaps in implementation, as well as weaknesses in enforcement and monitoring, need to be addressed for women to actively and fully participate in the economy. Cultural biases need to be confronted by raising awareness on gender equality and promoting gender diversity across all economic sectors. The inclusion of women in economic, financial, social and political activities will not only empower them, but will also power economies toward growth that benefits all.

APPENDIX A. MAPPING OF APEC ECONOMIES' KEY POLICIES AND PROGRAMMES

Table 5.1. APEC economies' key policies and programme mapping

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Australia	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Act (1984) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Women's Economic Security Statement (2018) - Skilling Australian Funds (2017) - Women in STEM and Entrepreneurship (WISE) Grant Programme (2016) - Girls in STEM Toolkit and Women in STEM Ambassador Programme (1986) 	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Act (1984) <p>Programme:</p> <ul style="list-style-type: none"> - Financial Inclusion Action Plan (2017–2018) 	<p>Policy:</p> <ul style="list-style-type: none"> - Paid Parental Leave Act (2010) - Fair Work Act (2009) - A New Tax System (Family Assistance) (Administration) Act (1999) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Childcare Support (2019–2020 to 2022–2023) - IER: Child Care Safety Net (2018) - IER: Child Care Subsidy (CCS) (2018) - IER: Women's Economic Security Statement (2018) - Parental Leave Pay (PLP) System 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Workplace Gender Equality Act (2012) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Women's Economic Security Statement (2018) - The National Broadband Network (NBN) (2013) - IER: Workplace Gender Equality Agency (WGEA) (2012) - National Action Plan Reduce Violence Against Women and Their Children (2010–2013) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Workplace Gender Equality Act (2012) <p>Programme:</p> <ul style="list-style-type: none"> - Gender Equality and Women's Empowerment Strategy (2016) - National Action Plan to Reduce Violence Against Women and Their Children (2010–2013)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Brunei Darussalam	<p>Policy:</p> <ul style="list-style-type: none"> - Compulsory Education Act (Chapter 211) (Revised in 2011) <p>Programme:</p> <ul style="list-style-type: none"> - IER: i-Ready Programme (2017) - Implementation of STEM and Innovative Design Initiative in Schools (2016) - BASE National Science Camp (2014) - IER: Innovation Visionary Youth Programme - IER: TEKAD (Strengthen the Foundation of Family Economic Self-Reliance) Programme - IER: The Upskilling and Reskilling Programme 	<p>Policy:</p> <ul style="list-style-type: none"> - Married Women Act, Section 6 (2000) <p>Programme:</p> <ul style="list-style-type: none"> - The Enterprise Facilitation Scheme - The Micro-Credit Financing Scheme 	<p>Policy:</p> <ul style="list-style-type: none"> - Maternity Leave Regulation (2011) - Children and Young Persons Act (2010) - Employment Order (2009) - Childcare Centres Act and Child Care Centre Regulation (2006) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Women's Bureau in Village Consultative Council and Sub-District Consultative Council <p>Programme:</p> <ul style="list-style-type: none"> - The Brunei Women Business Council (WBC) (2002) - IER: A Youth Entrepreneurship Programme - The Civil Service Institute provides in-job training to facilitate career advancement 	<p>Policy:</p> <ul style="list-style-type: none"> - Penal Code Chapter 22 on Violence Against Women (2009)
Canada	<p>Policy:</p> <ul style="list-style-type: none"> - Canadian Human Rights Act (1985) <p>Programme:</p> <ul style="list-style-type: none"> - Let's Talk Science (2019) - Apprenticeship Incentive Grant for Women (2018) - Framework on Equity, Diversity and Inclusion (2018) - Women in Construction Fund (2018) - IER: Skilled Trades Awareness and Readiness Programme (2018) - IER: Women in STEM (2017) - IER: Union Training and Innovation Programme (2017) - CanCode (2017) 	<p>Policy:</p> <ul style="list-style-type: none"> - Canadian Human Rights Act (1985) <p>Programme:</p> <ul style="list-style-type: none"> - Business Development Bank of Canada Capital Fund (2018) - Business Development Bank of Canada Loan Facility (2018) - Export Development Canada Fund (2018) - Farm Credit Canada (2018) - Partnership of Business Development Bank of Canada (federal development bank) and Women's Enterprise Organization of Canada (2018) - Women Entrepreneurship Strategy (2018) - Femmessor's Conventional and Equity Loan (2016) - Women Entrepreneurs Initiative (since 1994) 	<p>Policy:</p> <ul style="list-style-type: none"> - Canadian Human Rights Act (1985) <p>Programme:</p> <ul style="list-style-type: none"> - Paid Parental Leave for Student Researchers (2019) - Parental Sharing Benefit (2019) - Canada Child Benefit (2018) - Caregiving Benefits and Leave (2018) - Multilateral Early Learning and Child Care Framework (2018) - Special Benefit for Self-Employed People (2018) - Amendments to the Canada Labour Cod for flexible working arrangements (2017) 	<p>Policy:</p> <ul style="list-style-type: none"> - Employment Equity Act (1995, Amended in 2017) - Canadian Human Rights Act (1985) <p>Programme:</p> <ul style="list-style-type: none"> - Business Women in International Trade (2019) - IER: Apprenticeship Incentive Grant for Women (2018) - IER: Skilled Trade Awareness and Readiness Programme (2018) - Proactive Pay Equity Regime (2018) - Pay Transparency (2018) - Women Entrepreneurship Strategy (2018) - IER: Union Training and Innovation Programme (2017) 	<p>Policy:</p> <ul style="list-style-type: none"> - Developing Harassment and Violence Prevention Regulation under Canada Labour Code: Bill C-65 (2018) - Canada Labour Code (1985) - Canadian Human Rights Act (1985) <p>Programme:</p> <ul style="list-style-type: none"> - Funding for Initiative to Address Workplace Sexual Harassment (2018) - Strategy to Prevent and Address Gender-Based Violence (2018)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Chile	<p>Policy:</p> <ul style="list-style-type: none"> - The Inclusion Law 20.845 on Inclusive Education and the Provision of Free Higher Education for Disadvantaged Groups (2015) <p>Programme:</p> <ul style="list-style-type: none"> - STEM and Gender Advancement (SAGA) project (2015) - <i>Programa de Educación y Capacitación Permanente, Chilecalifica</i> (Lifelong Learning and Training Project) (2005–2010) 	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution, Article 19.2 & 24 (1980) <p>Programme:</p> <ul style="list-style-type: none"> - Bee Capital - Growing Entrepreneurial Women (<i>Crece Mujer Emprendedora</i>) no year of establishment identified) - Enterprising Women 	<p>Policy:</p> <ul style="list-style-type: none"> - Law no. 20.545 (2011) - Maternity Leave (2011) - Parental Leave (2011) - IER: Article 203 of the Chilean Labour Code - Leave to care for sick children less than a year old - Leave to care for sick children with serious illness - Time off for the care of dependents <p>Programme:</p> <ul style="list-style-type: none"> - Chile <i>Crece Contigo</i> (Chile Grows with You) (2007) 	<p>Policy:</p> <ul style="list-style-type: none"> - Chilean Norm: Management of Gender Equality and Conciliation with Work and Family and Personal Life (2012) - Law 20348 Guarantees the Right to Equality in Remuneration (2009) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Registry of Women in Boards (<i>Registro de Mujeres para Directorios</i>) (2018) - Chile Launches (Chile Emprende) - MUJEREXPORTA 	<p>Policy:</p> <ul style="list-style-type: none"> - Law no. 20.607 on equality of opportunity and treatment (2012) - Law no. 20.066 (2005) - Law no. 19.617 (1999) - Article 184 of the Labour Code
China	<p>Policy:</p> <ul style="list-style-type: none"> - Vocational Education Law of the People's Republic of China (1996) - Education Law of the People's Republic of China (1995) -Compulsory Education Law (1986,Amended in 2018) -Program for the Development of Chinese Women (2001-2010,2011-2020) -Employment Promotion Law (2007, Amended in 2015) <p>Programme:</p> <ul style="list-style-type: none"> -Women's Actions for Entrepreneurship and innovation -Women's Action for Rural Revitalization -Poverty Alleviation Action for Women -Spring Bud Project to support drop-off girls 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Microloans and Interest Subsidies Policy (2009) - Protection of Women's Rights and Interest Law (1992, Amended in 2005) -Program for the Development of Chinese Women (2001-2010,2011-2020) -Outline of poverty alleviation and development in rural China(2011-2020) <p>Programme:</p> <ul style="list-style-type: none"> -@Her Business Plan 	<p>Policy:</p> <ul style="list-style-type: none"> - Protection of Women's Rights and Interest Law (1992, Amended in 2005) - Law on Protection of the Rights and Interest of the Elderly (1996) - Labour Law (1994) - Time off for the care of dependants -Special Provisions on Labour Protection of Female Employees (2013) -Social Insurance Law (2010) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Microloans and interest subsidy (2009) - Protection of Women's Rights and Interest Law (1992, Amended in 2005) - Labour Law (1994) -Employment Promotion Law (2007, Amended in 2015) -Notice on Further Standardization of Recruitment to Promote Women's Employment (2019) <p>Programme:</p> <ul style="list-style-type: none"> -Handbook on promoting gender equality in the workplace 	<p>Policy:</p> <ul style="list-style-type: none"> - Protection of Women's Rights and Interest Law (1992, Amended in 2005) -Anti- Domestic Violence Law (2016) -Notice on Establishing a Cooperation Mechanism to Promote the Protection of Women and Children's Rights and Interest (2019) <p>Programme:</p> <ul style="list-style-type: none"> -12338 Hotline for Women's Rights Protection Service -Chinese Women's Legal Aid Action

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Hong Kong, China	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Ordinance (1996) <p>Programme:</p> <ul style="list-style-type: none"> - The Girls Go Tech (2015) - Capacity Building Mileage Programme (2004) - IER: Funding Scheme for Women's Development - IER: Programme of the Employees Retraining Board (ERB) 	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Ordinance (1996) <p>Programme:</p> <ul style="list-style-type: none"> - Funding Scheme for Women's Development (2012) 	<p>Policy:</p> <ul style="list-style-type: none"> - Employment Ordinance (1997) <p>Programme:</p> <ul style="list-style-type: none"> - Kindergarten Education Scheme (2017/2018) - Consultancy Study on the Long-Term Development of Childcare Services (2016) - Day Child Care Services Subsidies - IER: Programme of the Employees Retraining Board (ERB) - IER: Providing places at some childcare centres 	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Ordinance (1996) - IER: Family-friendly Employment Policies and Practices <p>Programme:</p> <ul style="list-style-type: none"> - Women Entrepreneurs Network (2015) - Mentoring Programme for Women Leaders (2009) 	<p>Policy:</p> <ul style="list-style-type: none"> - Sex Discrimination Ordinance (1996) - Crimes Ordinance (Cap 200) - Domestic Violence Ordinance (Cap 189) - Mental Health Ordinance (Cap 136) - Offences Against the Person Ordinance (Cap 212) - Protection of Children and Juveniles Ordinance (Cap 213)
Indonesia	<p>Policy:</p> <ul style="list-style-type: none"> - Government Regulation no. 47 of 2003 (2008) - Education System Law (2003) - Constitution of the Republic of Indonesia (1995, Amended in 2002) - Human Rights Law (1999) <p>Programme:</p> <ul style="list-style-type: none"> - Women in STEM-ILO (2019) - Coding Mum (2016) - Programme for Empowerment of Women Victims of Violence (2016) - IER: STEM with Her (Jakarta); Femme in STEM (Bandung, West Java); Jakarta Society of Women Engineers; West Nusa Tenggara Society of Women Engineers 	<p>Policy:</p> <ul style="list-style-type: none"> - Law on the Elimination of Racial and Ethnic Discrimination (2008) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Ultra Microfinance (UMi) (since 2017) - IER: Fostering the Economy of the Prosperous Family (known as Mekaar) (since 2015) - Loan Programmes for Women Entrepreneurship in Banks (since 2010) 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Law (2003) 	<p>Policy:</p> <ul style="list-style-type: none"> - Law to Ratify the International Covenant on Economic, Social and Cultural Rights (2005) - Labour Law (2003) - Government Regulation regarding Protection of Wages (1981) <p>Programme:</p> <ul style="list-style-type: none"> - Impact Accelerator Programme (2018) - Women Investment Series (WISE) (2017) - 'Katumbiri' Expo (since 2010) 	<p>Policy:</p> <ul style="list-style-type: none"> - Law on the Elimination of Domestic Violence (2004) - Decree of Minister of Manpower no. 224 (2003) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Three Ends Programme (2016) - IER: Peace Village Initiative

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Japan	<p>Policy:</p> <ul style="list-style-type: none"> - Basic Act on Education (2006) <p>Programme:</p> <ul style="list-style-type: none"> - Riko (Science and Engineering) Challenge Campaign (2005) - Kagayaku Josei ōen Kaigi (Shining Women Support Convention) (2014) 	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of Japan (1947) <p>Programme:</p> <ul style="list-style-type: none"> - Support Funds for Female and Young/Senior Entrepreneurship (since 1999) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Child and Child Care Support Act (2019) - IER: Childcare and Family Care Leave Law (1991, amended in 2016, 2017) - - Act on Securing, etc. of Equal Opportunity and Treatment between Men and Women in Employment (1972) - Labour Standards Act (1947) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Plan for Raising Children in a Peaceful Environment (2017) - Plan for Dynamic Engagement of All Citizens (2017) - Plan to Ensure the Number of Childcare Providers (2015) - Plan to Accelerate the Elimination of Childcare Waiting Lists (2013) - National Health Insurance Scheme 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Act on the Promotion of Female Participation and Advancement in the Workplace (2015) - IER: Equal Employment Opportunity Law (1985) - Labour Standards Act (1947) - Act on Securing, etc. of Equal Opportunity and Treatment between Men and Women in Employment (1972) <p>Programme:</p> <ul style="list-style-type: none"> - Programme for Training Women Executives (2016) - 4th Basic Plan for Gender Equality (2015) - Positive Action Portal Site (2015) - Ministry of Health, Labour and Welfare – Guideline on Supporting Measures Aiming at Eliminating Gender Pay Gap (2010) - Nadeshiko Brands (Selection of listed companies) (since 2012) - Diversity Management Selection 100 Programmes (since 2012) - Charter for Work-life Balance (2007) - Action Policy for Promoting Work-life Balance (2007) - Guidelines for Utilization of Public Procurement and Subsidies Toward the Promotion of Women's Advancement(2016) 	<p>Policy:</p> <ul style="list-style-type: none"> - Act on the Prevention of Spousal Violence and the Protection of Victims (2001) - Act on Securing, etc. of Equal Opportunity and Treatment between Men and Women in Employment (1972) <p>Programme:</p> <ul style="list-style-type: none"> - Policy for enhancement of measures against sexual crimes and sexual assault (2020)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Korea	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Republic of Korea (1948) <p>Programme:</p> <ul style="list-style-type: none"> - IER: 4th Basic Plan for Fostering and Supporting Women in STEM (2019–2023) - IER: The Career Re-entry Programme (2012) - IER: Women's Reemployment Centers (2009) - IER: Regional Women Empowerment in STEM (R-WeSET) 	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Republic of Korea (1948) <p>Programme:</p> <ul style="list-style-type: none"> - Credit Guarantee Support (2007) 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Standards Act (2007) - Equal Employment Opportunity and Work–Family Balance Assistance Act (2007) <p>Programme:</p> <ul style="list-style-type: none"> - Announcement of a Mid-and-Long Term Childcare Plan (2006) - 2nd Scheme of the National Childcare Support Policy (2005) - 1st Scheme of the National Childcare Support Policy (2004) - National Survey of Childcare and Early Childhood Education (2004) 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Standards Act (2007) - Equal Employment Opportunity and Work–Family Balance Assistance Act (2007, Amended in 2010) - Act on Support for Female-owned Businesses (1999) - Equal Employment Act (1987) <p>Programme:</p> <ul style="list-style-type: none"> - Women Startup Insight (2014) - IER: Gender Impact Analysis and Assessment (2012) - IER: Plan to Enhance Women's Representation in the Public Sector (since 2010) - Women Business Centre (2006) - Expansion Plan for the Employment of Women Managers at Grade 4 and Above (since 2002) - Integrated Support Centre for Female-owned Businesses (1999) 	<p>Policy:</p> <ul style="list-style-type: none"> - Sexual Violence Prevention and Victims Protection Act (2010) - Equal Employment Opportunity and Work–Family Balance Assistance Act (2007) - Act on the Prevention of Domestic Violence and Protection, etc. of Victims Thereof (1997) <p>Programme:</p> <ul style="list-style-type: none"> - Comprehensive Plan of Sexual Violence Prevention (2013) - Comprehensive Plan for Protection of Children and Women (2008) - Electronic Monitoring System (2007)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Malaysia	<p>Policy:</p> <ul style="list-style-type: none"> - Malaysia Education Blueprint 2013-2025 (2011) - Education Act (1996) <p>Programme:</p> <ul style="list-style-type: none"> - IER: International training workshops for women in science, technology and innovation (STI) (2015–2018) - Malaysia Education Blueprint 2013–2025 (2011) - YWCA Vocational Training Opportunity Centre (1998) - IER: Lifelong learning - IER: Graduate employability 	<p>Policy:</p> <ul style="list-style-type: none"> - Islamic Family Law (Federal Territories) Act (2005) - The Banking and Financial Institution Act (1989) <p>Programme:</p> <ul style="list-style-type: none"> - Malaysia Chinese Women Entrepreneur Foundation Loan (2011) - IER: TemanNita Financing Scheme - IER: MySME Lady 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Government Grants for Child Care (2019) - IER: Tax Relief (2019) - Employment Act (1955) - IER: Double Tax Deduction - IER: Electricity Bill Discount - IER: Maternity Leave <p>Programme:</p> <ul style="list-style-type: none"> - IER: The Career Comeback (2015) - IER: Work–Life Practices - IER: Work @ Women - IER: Flexible Work Arrangements - IER: Income Tax Exemption 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: 30% policy - quota for women in leadership and policymaking roles IER: National Entrepreneurship Policy 2030 - National Policy on Women and its Action Plan <p>Programme:</p> <ul style="list-style-type: none"> - IER: Malaysian Global Innovation & Creativity Centre (2015) - Women Entrepreneurs Financing Programme (WEFP) (2015) - Women in Leadership Malaysia (2014) - Azam Niaga and 1Nita - IER: Women Netpreneur Programme - IER: Dialogues & information sharing sessions with the Presidents of Women Entrepreneurs Associations 	<p>Policy:</p> <ul style="list-style-type: none"> - Code of Practice on the Prevention and Eradication of Sexual Harassment in the Workplace (1999) - Employment Act (1995) - IER: Employment Act (1955) - Penal Code Act 574 (2014)
Mexico	<p>Policy:</p> <ul style="list-style-type: none"> - General Law of Education (1993, Amended in 2015) <p>Programme:</p> <ul style="list-style-type: none"> - NiñaSTEM Pueden Initiative (2017) - Economic Autonomy Project (2008–2014) 	<p>Policy:</p> <ul style="list-style-type: none"> - National Policy for Financial Inclusion (2016) - The Federal Civil Code, Article 52 & 2 (2000) <p>Programme:</p> <ul style="list-style-type: none"> - Comprehensive Inclusion Programme (<i>Programa Integral de Inclusión</i>) (2014) - Life Insurance Programme for Female Heads of Household - Microfinance Fund for Rural Women (FOMMUR) - National Financing Programme for Microenterprises and Rural Women (PRONAFIM) - SME Women Programme 	<p>Policy:</p> <ul style="list-style-type: none"> - Federal Labour Law (2019) - Care Leave for Parents with Child with Cancer (2009) - Childcare Facilities To Support Working Mothers (<i>Estancias Infantiles para Apoyar a Madres Trabajadoras</i>) (EI) (2007) - Social Security Law (1973) - Adoption Leave - Guarderías - Maternity Leave Labour Code (1998), Article 170 and Decree on Paternity Leave (2016), Article 3 - New Mothers Support on Returning to Work - Paternity Leave Labour Code, Article 170 and Decree on Paternity Leave, Article 3 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Mexican Standard in Labour Equality and Non-Discrimination (2015) - Federal Labour Law (2012) - IER: Gender Equity Model (2007) - IER: Action Guide against Discrimination 'Institution Committed to Inclusion' (ICI Guide) (no year of establishment) <p>Programme:</p> <ul style="list-style-type: none"> - Programme for Women in Agriculture (PROMUSAG) 	<p>Policy:</p> <ul style="list-style-type: none"> - Chapter II General Law for Women to Access a Life Free of Violence (2007) - General Law for Women to Access a Life Free of Violence (2007) - Labour Law of Mexico (1932), Article 77 - Gender Violence Alert against Women

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
New Zealand	<p>Policy:</p> <ul style="list-style-type: none"> - Human Rights Act (1993) <p>Programme:</p> <ul style="list-style-type: none"> - National Science Challenges (2014) - Girls Code - Lightning Lab XX - Innovative Young Minds - - Hello Café - Programming Challenge for Girls 	<p>Policy:</p> <ul style="list-style-type: none"> - Human Rights Act, sect. 44 (1993) <p>Programme:</p> <ul style="list-style-type: none"> - Microfinance Loan for Women: Angel Fund Wahina Putea 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Employment Relation Act (2000) - Parental Leave and Employment Protection Act (1987, Amended in 2016) <p>Programme:</p> <ul style="list-style-type: none"> - Amount of Parental Leave Payment (2016) - Employee's Notice in Relation to Return to Work (2016) - Partner's Leave (2006) - 20 hours free early childhood education - Early Learning Payment - Childcare Subsidy (CCS) - Childcare Assistance Payment (GCAP) - Flexible Childcare Payment - IER: Parental Leave Policy - IER: Support for Working Parents - Out of School Care and Recreation (OSCAR) Subsidy 	<p>Policy:</p> <ul style="list-style-type: none"> - Employment Relations Act (2000) - Human Rights Act (1993) - Equal Pay Act (1972) <p>Programme:</p> <ul style="list-style-type: none"> - Gender Pay Gap Action Plan (2018) - Future Directors Programme (2013) - Business Mentors New Zealand - Equal Pay Amendment Bill (2020) - Executive Ready - Gender Pay Principles - IER: Māori and Pacific Trades Training Programme - Pre-incubation Loans - Advanced Leadership Programme - Flexi-wage Programme - Māori Business Growth Supports - New Zealand Women in Leadership 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Domestic Violence Victims Protection Act (2018) - Employee Relations Act (2000) - Human Rights Act (1995) - Domestic Violence Act (1993) <p>Programme:</p> <ul style="list-style-type: none"> - Joint Venture for Family Violence and Sexual Violence (2018) - Integrated Safety Response Model (2016)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Papua New Guinea	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Independent State of Papua New Guinea (1975) <p>Programme:</p> <ul style="list-style-type: none"> - Boosting Education Standards Together in PNG (BEST PNG) Programme (2019–2022) - Provision of Microfinance Training to Women in Yangoru-Saussia District, East Sepik (2016–2019) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: National Informal Economy Policy (NIEP) (2011) - Constitution of the Independent State of Papua New Guinea (1975) <p>Programme:</p> <ul style="list-style-type: none"> - Pacific Financial Inclusion Programme (2019) - IER: Gender Equity Social Inclusion Policy for Microfinance Institutions (2017) - IER: National Financial Inclusion Strategy (2016–2020) - IER: National Financial Inclusion & Financial Literacy Strategy (2014–2015) - IER: National Financial Inclusion Strategy 	<p>Policy:</p> <ul style="list-style-type: none"> - Employment Act (1978) 	<p>Policy:</p> <ul style="list-style-type: none"> - Employment Act (1978) - IER: Gender Equity and Social Inclusion Policy <p>Programme:</p> <ul style="list-style-type: none"> - Young Women's Leadership Programme, Bougainville (2016–2018) - Project of Creating an Entrepreneurial Ecosystem for Women (2015–2017) - Research on Women's Leadership and Decision Making in the Pacific Project (2013–2016) - IER: Gender Equity and Social Inclusion Policy, Action Plan 	<p>Policy:</p> <ul style="list-style-type: none"> - Criminal Code (1974) <p>Programme:</p> <ul style="list-style-type: none"> - The Port Moresby Safe Cities Programme (2012–2019)
Peru	<p>Policy:</p> <ul style="list-style-type: none"> - Equal Opportunity Plan for Men and Women (2002–2005) - Law 26772 (1997) - Law 27558 on rural girls' education (2001) <p>Programme:</p> <ul style="list-style-type: none"> - Mobile MaCTec Bus Labs/Mini Academy of Science and Technology (2015) - Women's Training Programme for Seasonal Employment (2001) - Credit and Savings Programme (1993) - PROARTEX Project for Developing the Skills of Poor Female Textile Artisans - Programme for Business Management Training and the Development of Output 	<p>Policy: The Civil Code (1984)</p> <p>Programme: Microcredit</p>	<p>Policy:</p> <ul style="list-style-type: none"> - Law 30709 (2017) - Maternity Leave <p>Programme:</p> <ul style="list-style-type: none"> - Wasa Wasi (1993) 	<p>Policy:</p> <ul style="list-style-type: none"> - Law 30709 (2017) - Law 26772 (1997) <p>Programme:</p> <ul style="list-style-type: none"> - FONDEME-BONOPYME (Peru Entrepreneur Programme) - Project to Support Income Generating Social Initiatives for Poor Women (PIES) - Self-employment and Microenterprise Programme (PRODAME) - Women Entrepreneurs Programme (PROFECE) 	<p>Policy:</p> <ul style="list-style-type: none"> - Law to Prevent and Punish Sexual Harassment (2003) - Equal Opportunity Plan for Men and Women (2002–2005)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Philippines	<p>Policy:</p> <ul style="list-style-type: none"> - Magna Carta of Women (2009) - Act Providing Assistance to Women Engaging in Micro and Cottage Business Enterprises (1995) <p>Programme:</p> <ul style="list-style-type: none"> - National Science and Technology Fair: Girls in Science Forum (2020) - TESDA Women's Center (1991) 	<p>Policy:</p> <ul style="list-style-type: none"> - Act Promoting Job Generation and Inclusive Growth through the Development of Micro, Small and Medium Enterprises (2014) - Act Providing Assistance to Women Engaging in Micro and Cottage Business Enterprises (1995) - Women in Development and National Building Act (1991) <p>Programme:</p> <ul style="list-style-type: none"> - Women Entrepreneurs (2019) - Cooperative Lending Programme (2018) - Inclusive Lending for Aspiring Women Entrepreneurs Programme (2015) 	<p>Policy:</p> <ul style="list-style-type: none"> - 105-Day Expanded Maternity Leave Law (2018) <p>Programme:</p> <ul style="list-style-type: none"> - National Early Childhood Care and Development Programme (2012) 	<p>Policy:</p> <ul style="list-style-type: none"> - Act Promoting Job Generation and Inclusive Growth through the Development of Micro, Small and Medium Enterprises (2014) - Act Providing Assistance to Women Engaging in Micro and Cottage Business Enterprises (1995) - Amendment of Labour Code (1988) - An Act Strengthening the Prohibition on Discrimination against Women with Respect to Terms and Conditions of Employment, Amending for the Purpose Article One Hundred Thirty-Five of the Labour Code (1988) <p>Programme:</p> <ul style="list-style-type: none"> - Security and Exchange Commission Advisory (2015) - GREAT Women Project 2 (2014–2020) - Philippine Framework Plan for Women (2001–2004) 	<p>Policy:</p> <ul style="list-style-type: none"> - Anti-Violence Against Women and Their Children Act (2004) - Labour Code of the Philippines (1974) <p>Programme:</p> <ul style="list-style-type: none"> - Plan Framework of the Philippine Plan for Gender-Responsive Development (1995–2025)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Russia	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of Russia (1993, amended 2020) <p>Programme:</p> <ul style="list-style-type: none"> - Women for Sustainable Industrial Development (2019) - IER: Professional Education, Retraining and Career Development for Women on Parental Leave (since 2011) - The SMEs and Support for Individual Entrepreneurial Initiative National Project - National Action Strategy for Women (2017-2022) and Plan of Action to Implement the Strategy (2019-2022) - My Business centers provide financial (credit, guarantee, leasing) services, consulting and education support for entrepreneurs, including women); - The Open Education Platform (2015) - Innovative Skolkovo Foundation (2010) and Skolkovo Institute of Science and Technology (Skoltech, 2011) initiatives - Federal educational project "Mom entrepreneur" (2016) 	<p>Program:</p> <p>SMEs and Support for Individual Entrepreneurial Initiative National Project includes special product for women's entrepreneurship - providing microloans at a preferential rate through regional public microfinance organizations</p>	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Code (2001) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Facilitation of Women's Employment – Creation of Pre-school Education Environment for Children Aged of up to Three Years - The Government Programme "Promotion of Employment of Population" (2013) - The Demography National Project (2019) - the Federal Project "Promotion of Women's Employment — Creation of Pre-school Education Environment for Children at the Age of up to Three Years" (2019) 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Ministry of Labour Order no. 512H (2019) - Labour Code (2001) - Constitution of Russia (1993, amended 2020) -- Federal Law "On Employment of the Population" (1991), <p>Programme:</p> <ul style="list-style-type: none"> - ABC's of Entrepreneurship (2018) - Mom Entrepreneur (2018) - Women's Cooperation in World Trade 	<p>Policy;</p> <ul style="list-style-type: none"> - Criminal Code (1996, amended 2020) - Criminal Procedure Code of Russia (2001, 2018 – amended with new preventive measure) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Cooperation on the Implementation of the Russian Federation National Action Strategy for Women (2017–2022) - Federation National Action Strategy for Women (2017-2022) - Center for Assistance to Victims of Domestic Violence (2018) - legal assistance on domestic violence issues

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Singapore	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Republic of Singapore (1965) <p>Programme:</p> <ul style="list-style-type: none"> - SG Women In Tech Community Platform (2019) - Girls2Pioneers (2018) - Science Technology, Engineering, and Mathematics Applied Learning Programme (2017) 	<p>Policy:</p> <ul style="list-style-type: none"> - Women's Charter (1961) <p>Programme:</p> <ul style="list-style-type: none"> - MicroCredit Business Scheme (2011) - SPRING Singapore (1996) 	<p>Policy:</p> <ul style="list-style-type: none"> - Child Development Co-Savings Act (2001) - Employment Act (1968) <p>Programme:</p> <ul style="list-style-type: none"> - IER: Career Trial (2019) - IER: Tripartite Standard Unpaid Leave for Unexpected Care Needs (2018) - IER: Flexible Work Arrangements (2017) - IER: Work-Life Grant (2017) - IER: SkillsFuture (2016) - IER: Families for Life and Centre for Fathering (2006 and 1990) - Kindergarten Fee Assistance Scheme (KiFAS) (2006) - Child Care & Infant Care Subsidies (2003) - Baby Bonus Scheme (2001) - Government-Paid Maternity Leave Scheme (2001) - IER: More and Affordable Early Childhood Services (Varied) - Child Care Financial Assistance - Integrated Child Care Programme 	<p>Policy:</p> <ul style="list-style-type: none"> - Code of Corporate Governance (2012) - Tripartite Alliance for Fair and Progressive Employment Practices (2006) - Constitution of the Republic of Singapore (1965) <p>Programme:</p> <ul style="list-style-type: none"> - MentorConnect (2019) - IER: Women on Boards (2012) - Fair Employment Practices (2007) 	<p>Policy:</p> <ul style="list-style-type: none"> - Tripartite Advisory on Managing Workplace Harassment (2015) - Protection from Harassment Act (2014) - Constitution of the Republic of Singapore (1965) - Women's Charter (1961)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
Chinese Taipei	<p>Policy:</p> <ul style="list-style-type: none"> - Gender Equity Education Act (Amended in 2018) <p>Programme:</p> <ul style="list-style-type: none"> - Global Workers' Upskill Center Programme (vocational training for migrant workers) (2017) - Girls in Tech (2015) - Fifteen Role Models for Women and Girls in STEM book (2011) - IER: Gender and S&T Research Project 	<p>Policy:</p> <ul style="list-style-type: none"> - Civil Code - Banking Act and Credit Cooperatives Act <p>Programme:</p> <ul style="list-style-type: none"> - Go Incubation Board for Startup and Acceleration Firms (GISA) (2014) - Financial Literacy Programme - IER: Phoenix Micro Start-up Programme 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Standards Act (Amended 2019) - Act of Gender Equality in Employment (Amended 2016) - - Expanding Child Care Subsidy eligibility from child 0-2 and 5 years to child 0-6 years(2018)- Act of Gender Equality in Employment - Guiding Principles for Work Hours of Employees Accumulated Outside of Workplaces 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Standards Act (Amended 2019) - Act of Gender Equality in Employment (Amended 2016) - IER: Gender Equality Policy Guidelines (2011) - IER: Business Consulting Service Programme (2007) - IER: Corporate Governance Best Practice Principles for TWSE/TPEX Listed Companies - IER: Principle of one-third gender ratio - Women Entrepreneurship Programme (2013) 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Standards Act (Amended 2019) - Act of Gender Equality in Employment (Amended 2016) - Sexual Harassment Act (2005) - Family Violence Prevention Act (1998) - Sexual Assault Crime Prevention (1997)
Thailand	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Kingdom of Thailand (2017) - Gender Equality Act (2015) <p>Programme:</p> <ul style="list-style-type: none"> - UNESCO's Global STEM and Advancement (2017) - Women and Development Learning Centers (2012) - Cottage Industries Center (1990) 	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Kingdom of Thailand (2017) - Gender Equality Act (2015) <p>Programme:</p> <ul style="list-style-type: none"> - Women Entrepreneurs Bonds (2019) - Thai Women Empowerment Fund (2012) 	<p>Policy:</p> <ul style="list-style-type: none"> - Cabinet Resolution (2012) - Labour Protection Act (1998) <p>Programme:</p> <ul style="list-style-type: none"> - Childcare Subsidy for Poor Families (2015) - Second National Plan on the Elderly (2002–2021) - IER: Campaign on Maternity Leave and Paternity Leave - IER: Childcare Centers Close to Business and Residential Areas - IER: Childcare Center Campaign 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Labour Protection Act (1998, Amended in 2008) - Gender Equality Act (2015) - Labour Protection Act (1998) <p>Programme:</p> <ul style="list-style-type: none"> - Thailand Women Entrepreneurs Start-up Competition (2016) - Cottage Industries Center (1990) - IER: Women Entrepreneur Network - National Women's Development Fund - Women Enterprise Incubation Centre 	<p>Policy:</p> <ul style="list-style-type: none"> - IER: Draft of Policies and Measures for the Advancement of Women (2020) - Constitution of the Kingdom of Thailand (2017) - IER: Gender Equality Act (2015) - Labour Protection Act (1998, Amended in 2008) - Protection of Victims of Domestic Violence Act (2007) <p>Programme:</p> <ul style="list-style-type: none"> - Sex Disaggregated Data (2011–2015)

Economy	Policies that address women's access to education, training and skills development	Policies that address women's access to credit	Policies that enable women to return to work after maternity leave and to access carer's leave	Policies that address discriminatory employment practices and restrictions on women's employment in certain sectors	Policies that address constraints on women's freedom from violence and freedom for movement
United States	<p>Policy:</p> <ul style="list-style-type: none"> - INSPIRE Women Act (2017) - IER: Updated Equal Employment Opportunity in Apprenticeship Regulations (CFR 29 C.F.R. Part 30) (2017) - <u>The Women in Apprenticeship and Nontraditional Occupations Act (1992)</u> - IER: Workforce Innovation and Opportunity Act (2014) - Title IX of the Education Amendments (1972) - The Civil Rights Act (1964) <p>Programme:</p> <ul style="list-style-type: none"> - Women@Energy Initiative (2019) - Girls of Energy Initiative (2019) - STEM Rising Initiative (2019) - IER: Re-Employment, Support, and Training for the Opioid Related Epidemic (RESTORE) Grant (2019) - IER: Women in Apprenticeship and Non-traditional Occupations (WANTO) Grant (2017) 	<p>Policy:</p> <ul style="list-style-type: none"> - <u>Equal Credit Opportunity Act (1974)</u> - Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) <p>Programme:</p> <ul style="list-style-type: none"> - Women's Business Loans Programme (2019) - Establishment of Offices for Women Inclusion (2011) 	<p>Policy:</p> <ul style="list-style-type: none"> - <u>Federal Employee Paid Leave Act in FY2020</u> - <u>National Defense Authorization Act (2019)</u> - Federal Family Medical Leave Act (1993) - IER: Pregnancy Discrimination Act (1978) - Fair Labour Standards Act (1938) <p>Programme:</p> <ul style="list-style-type: none"> - Women, Infants, and Children Programme (2013) - Temporary Disability Insurance (2011) - Temporary Assistance to Needy Families (2002) 	<p>Policy:</p> <ul style="list-style-type: none"> - Women's Entrepreneurship and Economic Empowerment Act (2018) - Achieve Pay Equity Act (2015, New York state law) - Lilly Ledbetter Fair Pay Act (2009) - Promoting Women in Entrepreneurship Act (2017) - Women's Business Ownership Act (1988) - IER: Executive Order 11246 (1965) - The Civil Rights Act (1964) - IER: Equal Pay Act (1963) <p>Programme:</p> <ul style="list-style-type: none"> - SB-826 Corporations: Board of Directors (2019) - Dreambuilder: Online Training (2015) 5. Women's Business Centers (1998) 	<p>Policy:</p> <ul style="list-style-type: none"> - Violence Against Women Act (1994), as amended in 2000, 2005, and 2013 - IER: Civil Rights Act (1964) <p>Programme:</p> <ul style="list-style-type: none"> - Reporting Scheme for Sexual Harassment in a Workplace (2019) - Safe Dates Programme (2009) - IER: EEOC Select Task Force on the Study of Harassment in the Workplace
Viet Nam	<p>Policy:</p> <ul style="list-style-type: none"> - Education Law (2005) <p>Programme:</p> <ul style="list-style-type: none"> - Promoting School Girls' Interest and Participation in Science and Innovation through STEM Education and Digital Skills (2018) - Build-it Viet Nam Conference Inspires Women to Pursue STEM Careers (2016) 	<p>Policy:</p> <ul style="list-style-type: none"> - Constitution of the Socialist Republic of Viet Nam (1959) <p>Programme:</p> <ul style="list-style-type: none"> - Access to Micro Finance Programme (2016) - Vi Viet – An Innovative Financial Solution for Viet Namese Women (2016) - Loan Programmes for Women Entrepreneurship in Banks - Microfinance Programmes for Women 	<p>Policy:</p> <ul style="list-style-type: none"> - Law on Social Insurance (2014) - Labour Code (2012) 	<p>Policy:</p> <ul style="list-style-type: none"> - Labour Code (2012) <p>Programme:</p> <ul style="list-style-type: none"> - National Women-led Business Start-up Programme (NWBSB) (2017) - Women's Initiative for Startups and Entrepreneurship (WISE) (2017) - Gender Equality Strategy (2016–2020) - National Strategy for Gender Equality (2011–2020) 	<p>Policy:</p> <ul style="list-style-type: none"> - Law on Occupational Safety and Health (2015) - Code of Conduct on Sexual Harassment in The Workplace (2015) - Law on Domestic Violence Prevention and Control Law (2007)

APPENDIX B. COMPREHENSIVE POLICIES AND PROGRAMMES ON EDUCATION IN THREE NORDIC ECONOMIES

Table 5.2. Education policies and programmes in Iceland

Iceland
Policy
<p>1. Parliamentary Resolution on a Three-year Gender Equality Action Programme (2016–2019). Aims to promote gender equality at school.</p> <p>2. National Curriculum Guide for Compulsory Schools (2015) Established a formal cooperation agreement on the financing and execution of external evaluation in compulsory education.</p> <p>3. White Paper on Education Reform (2014) Highlights two main goals for the Icelandic education system: higher achievement in reading and higher rate of on-time graduation.</p> <p>4. National Curriculum Guide (2012) This guide sets out the learning objectives for students and describes the core competencies and basic principles that should guide school activities.</p> <p>5. Regulation no. 230/2012, based on Article 34 of the Upper Secondary Act, no. 92/2008 (2012) Targeted at students with special needs in public and private upper secondary schools; aims to ensure that all students have equal opportunities in education; offers students sufficient learning opportunities, mentoring and support in stimulating learning environments, and adequate infrastructure.</p> <p>6. 2008 Act (2012) This Act on the recruitment of teachers and head teachers sets minimum requirements for teachers at different education levels.</p> <p>7. Quality Enhancement Handbook for Icelandic Higher Education (2011) Supports higher education institutions in enhancing the quality of the student learning experience and awarding degrees of a high standard.</p> <p>8. Act on Equal Status and Equal Rights of Women and Men No. 10/2008 (2008)</p> <ul style="list-style-type: none"> - Article 20 (Paragraph 2): No gender discrimination in retraining, continuing education (lifelong learning), vocational training; courses held to enhance vocational skills, and prepare for other assignments and occupations. - Article 23 (Paragraph 1): No gender discrimination in all policymaking and planning for schools and educational institutions, including sports and leisure activities. - Article 23 (Paragraph 2): Educational system should emphasise gender equality issues, such as equal role in society (work and family life). - Article 23 (Paragraph 3): No gender discrimination in educational materials and textbooks. - Article 23 (Paragraph 4): No gender discrimination in presentations on educational and vocational opportunities; counselling in the schools. - Article 23 (Paragraph 6): Monitoring of gender equality in schools and educational institutions is under the ministry in charge of education affairs (Ministry of Education). - Article 23 (Paragraph 7) as Article 473 in Amendment Act no. 126/2011: Monitoring of gender equality in schools and educational institutions is carried out by the gender equality counsellor especially for advice on gender equality issues. - Article 26 (Paragraph 1): It emphasises Article 20 Paragraph 2 which specifies no gender discrimination in retraining, continuing education (lifelong learning), vocational training, and study leave. - Article 28 (Paragraph 1): No gender discrimination in; teaching and studies, working methods, and day-to-day dealings with pupils. <p>9. National Literacy Pact Agreement to improve literacy and reading skills for compulsory students.</p> <p>10. Icelandic Student Loan Fund The Icelandic Student Loan Fund (<i>Lánasjóður íslenskra námsmanna</i>) is a public study loan programme where loans are given at low interest rates to all tertiary level students and to secondary school vocational students to cover their living costs.</p>
Programme
None identified

Source: Compiled by author.

Table 5.3. Education policies and programmes in Norway

Norway
Policy
<p>1. New Possibilities-NY GIV (2010–2013) National effort to increase successful completion of upper secondary education and training from 69% to 75%; government works with county and municipal authorities to provide better support for students at risk of dropping out.</p> <p>2. Education Act (2009) The Act was modified to include requirements for schools and municipalities to create a Quality Report based on data from the national quality assessment system.</p> <p>3. Gender Equality Act (Act of 20/04/2007) Section 16 states no gender discrimination in schools and educational institutions.</p> <p>4. Knowledge Promotion Reform (2006) This reform placed increased focus on basic skills and knowledge promotion and entailed a shift to outcome-based learning; new distribution of teaching and training hours per subject; a new structure of available courses within education programmes; and more autonomy at the local level. The main elements of the reform are: focus on basic skills, clear standards for learning, and decentralisation of decision-making</p> <p>5. Kindergarten Reform (2004) The reform consists of:</p> <ul style="list-style-type: none"> - Increasing accessibility to kindergarten by providing new places, setting maximum fees to parents, and funding public and private kindergartens. - Revision of the Kindergarten Act in 2005 - Revised framework for the content and role of kindergarten (2006) - National strategy for raising the competence of staff (2007–2010) - Strategy for recruitment of kindergarten teachers (2007–2011)
Programme
<p>1. The GNIST Partnership (SPARK) Teacher Recruitment Campaign (2009–2014) National partnership to ensure the quality of teachers in schools; aims to increase the quality and status of the teaching profession, teacher education, and school leadership.</p> <p>2. Assessment for Learning (2010) Programme to improve formative assessments.</p> <p>3. Homework Assistance Programme (2010) Reducing differences caused by the impact of parents' education on student achievement by focusing resources on the youngest pupils and enabling more learning to take place at school.</p> <p>4. National Guidelines for Differentiated Primary and Lower Secondary Teacher Education Programmes for Years 1–7 and Years 5–10 (2010) Designed to raise quality and help ensure a unified national structure in teacher education programmes for primary and lower secondary education.</p> <p>5. Leadership and Development Programme (2009) Provides training to school leaders with a focus on five key areas: pupils' learning outcomes and learning environment, management and administration, co-operation and organisational development, development and change, and leadership role.</p>

Source: Compiled by author.

Table 5.4. Education policies and programmes in Sweden

Sweden
Policy
<p>1. Discrimination Act (2008:567) - Chapter 3, Section 8: No gender discrimination in education, training, and skills development. - Chapter 3, Section 16: Education provider referred to in Section 14 is to draw up a plan each year containing an overview of the measures needed to (1) promote equal rights and opportunities for the children, pupils or students participating in or applying for the activities, regardless of sex, ethnicity, religion or other belief, disability or sexual orientation.</p> <p>2. Higher Education Act (1992:1434) Equality between women and men shall always be taken into account and promoted in the operations of higher education institutions</p>
Programme
<p>1. Gender Equality Policy in Sweden (2019) The third sub-goal of the gender equality policy in Sweden is equal opportunities and conditions between girls/women and boys/men with regard to education, study options, and personal development.</p> <p>2. Gender Mainstreaming in University and University Colleges (2016–2019) Aims to achieve 50% women professors in 2030.</p> <p>3. Curriculum for Upper Secondary School (2013) The fundamental value of this curriculum is equality between women and men referred to in Education Act (2010:800).</p> <p>4. Curriculum for Compulsory School, Preschool Class and School-Age Educare (2011) The curricula state that every person working in education shall contribute to a state of affairs where the pupil's academic and career choices are not limited by gender or by social or cultural background. The curriculum for compulsory school, pre-school class and out-of-school centres states that education shall actively and consciously promote the equal rights and opportunities of women and men. The curriculum for upper secondary school states that the teacher shall ensure that the content and structure of instruction has a gender equality perspective.</p>

Source: Compiled by author.

REFERENCES

- Adams, Renée B. 2016. "Women on Boards: The Superheroes of Tomorrow?" Working paper no. 466, Brussels: European Corporate Governance Institute. <https://ssrn.com/abstract=2696804>.
- Adams, Renée B., and Daniel Ferreira. 2009. "Women in the Boardroom and Their Impact on Governance and Performance." *Journal of Financial Economics* 94, no. 2: 291–309. <https://doi.org/10.1016/j.jfineco.2008.10.007>.
- Adecco Group. 2020. "Resetting Normal: Defining the New Era of Work."
- Andina.2009. "Plan de Mejora del Clima de Negocios se ejecutará con fondo de contingencia de S/ 140 millones" (Business Climate Improvement Plan Will Be Implemented with S/ 140 Million Contingency Fund). 8 September 2009. <https://andina.pe/agencia/noticia-plan-mejora-del-clima-negocios-se-ejecutara-fondo-contingencia-s-140-millones-252743.aspx>.
- Agustin, Lise. 2015. "The Policy on Gender Equality in Denmark – Update." Brussels: European Union.
- Alhaji, Mohammed M., Sharbawi Roslin, Adrian Kay, and Nik A.A. Tuah. 2017. "Paid Maternity Leave Extension and Exclusive Breastfeeding Practice: Evidence from Brunei." *Asian Biomedicine* 11, no. 6: 435–42. <https://doi.org/10.1515/abm-2018-0020>.
- American Express. 2017. "2017 State of Women-owned Businesses Report." American Express.
- Aoki, Mizuho. 2017. "Japanese Women More Likely to Keep Domestic Abuse Secret than EU Peers: Survey." *The Japan Times*, 4 August 2017. <https://www.japantimes.co.jp/news/2017/08/04/national/social-issues/japanese-women-likely-keep-domestic-abuse-secret-eu-peers-survey/>.
- APEC Business Advisory Council and the University of Southern California. "Realizing the Untapped Potential of MSMEs in APEC." 2018. <http://info.marshall.usc.edu/academic/gpp/abac/SiteAssets/ABAC%202018%20Final%20Report.pdf>
- Asia Foundation. 2013. "Access to Trade and Growth of Women's SMEs in APEC Developing Economies: Evaluating the Business Environment in Indonesia." San Francisco: The Asia Foundation.
- Asian Development Bank (ADB). 2006. "Indonesia: Country Gender Assessment." Manila: ADB.
- Asia-Pacific Economic Cooperation (APEC). 2011. "Accelerating Financial Inclusion in Asia and the Pacific." Singapore: APEC.
- . 2019a. "APEC Template for the Individual Action Plan (2019) – Economy: Canada." Singapore: APEC. http://publications.apec.org/-/media/Files/Groups/PPWE/PPWE-IAPs/2019/2019_IAP_CDA.pdf?la=en&hash=FE2C30A1480BDB8DDE0D9D8A6057CF76C660E809.
- . 2019b. "APEC Women@Work." Singapore: APEC. <https://www.apec.org/Publications/2019/12/APEC-Women-at-Work>.
- . 2019c. "Structural Reform Measures to Improve Women's Access to Labor Market, Finance and Capital." Singapore: APEC.
- . 2019d. "The APEC Women and the Economy Dashboard 2019." Singapore: APEC. <https://www.apec.org/Publications/2019/10/The-APEC-Women-and-the-Economy-Dashboard-2019>.
- . 2019e. "The La Serena Roadmap for Women and Inclusive Growth (2019–2030)." https://apec.org/Meeting-Papers/Annual-Ministerial-Meetings/2019/2019_AMM/Annex-A.
- ASX Corporate Governance Council. 2019. "Corporate Governance Principles and Recommendations - 4th Edition." February 2019. <https://www.asx.com.au/documents/regulation/cgc-principles-and-recommendations-fourth-edn.pdf>
- Australian Chamber of Commerce and Industry. 2019. "National Inquiry into Sexual Harassment in Australian Workplaces: Submission to the SDC February 2019." <https://www.australianchamber.com.au/wp-content/uploads/2019/03/2019-02-28-AusChamber-Subn-Nat-Sex-Harass-Inq-Final.pdf>
- Australian Government. 2014. "Workplace Gender Equality (Minimum Standards) Instrument 2014." Federal Register of Legislation. <https://www.legislation.gov.au/Details/F2014L00365>.
- . 2020. "Paid Parental Leave Amendment (Flexibility Measures) Bill 2020." Federal Register of Legislation. <https://www.legislation.gov.au/Details/C2020B00005>.
- Au, Shiu-Yik, Ming Dong, and Andreeanne Tremblay. 2020. "How Much Does Workplace Sexual Harassment Hurt Firm Value?" <https://ssrn.com/abstract=3437444>.
- Australian Human Rights Commission. 2014. "Supporting Working Parents: Pregnancy and Return to Work, National Review – Report." <http://www.humanrights.gov.au/our-work/sex-discrimination/publications/supporting-working-parents-pregnancy-and-return-work>.
- . 2018. "Everyone's Business: Fourth National Survey on Sexual Harassment in Australian Workplaces (2018)." Sydney: Australian Human Rights Commission. https://www.humanrights.gov.au/sites/default/files/document/publication/AHRC_WORKPLACE_SH_2018.pdf.
- Australia Indonesia Partnership for Economic Governance (AIPEG). 2017. "The Digital Economy in Indonesia." AIPEG.
- Avellis, Giovanna. 2018. "Gender Equality in Action." *Impact* 2018, no. 1: 103–4. <https://doi.org/10.21820/23987073.2018.103>.
- Bazan, Jose A., Patricia Carr Reese, Allahna Esber, Samantha Lahey, Melissa Ervin, John A. Davis, Karen Fields, and Abigail Norris Turner. 2015. "High Prevalence of Rectal Gonorrhoea and Chlamydia Infection in Women Attending a Sexually Transmitted Disease Clinic." *Journal of Women's Health* 24, no. 3: 182–9.
- Becker, Gary S. 1975. "Front Matter, Human Capital: A Theoretical and Empirical Analysis, with Special Reference to Education." New York: National Bureau of Economic Research. <http://www.nber.org/chapters/c3730>.

- Black, Maureen M., Susan P. Walker, Lia C.H. Fernald, Christopher T. Andersen, Ann M. DiGirolamo, Chunling Lu, Dana C. McCoy, Gunther Fink, Yusra R. Shawar, Jeremy Shiffman, et al. 2017. "Early Childhood Development Coming of Age: Science through the Life Course." *The Lancet* 389, no. 10064: 77–90. [https://doi.org/10.1016/S0140-6736\(16\)31389-7](https://doi.org/10.1016/S0140-6736(16)31389-7).
- Boesch, Diana, Jocelyn Frye, and Kaitlin Holmes. 2019. "Driving Change in States to Combat Sexual Harassment." Center for American Progress. 15 January 2019. <https://www.americanprogress.org/issues/women/reports/2019/01/15/465100/driving-change-states-combat-sexual-harassment/>
- Brinton, Mary C. 2015. "Japanese Low Fertility and the Low Labor Force Participation of Married Women: The Role of Rigid Labor Markets and Workplace Norms." Tokyo: Research Institute of Economy, Trade, and Industry.
- Broadway, Barbara, Guyonne Kalb, Duncan McVicar, and Bill Martin. 2020. "The Impact of Paid Parental Leave on Labor Supply and Employment Outcomes in Australia." *Feminist Economics* 26, no. 3: 30–65. <https://doi.org/10.1080/13545701.2020.1718175>.
- Bui, Minh-Tam, and Chompoonuh K. Permpoonwiwat. 2015. "Gender Wage Inequality in Thailand: A Sectoral Perspective." *International Journal of Behavioral Science* 10, no. 2: 19–36.
- Bureau of Consumer Financial Protection. (2019). "Fair Lending Report of the Bureau of Consumer Financial Protection, June 2019." Federal Register. 8 July 2019. <https://www.federalregister.gov/documents/2019/07/08/2019-14384/fair-lending-report-of-the-bureau-of-consumer-financial-protection-june-2019>.
- Burke, Michael. 2017. "Gender Equality in Sport." In *Encyclopedia of Educational Philosophy and Theory*, edited by Michael A. Peters, 894–9. Singapore: Springer. https://doi.org/10.1007/978-981-287-588-4_76.
- Cahya, Gemma H. 2020. "Government To Revamp Student Assessment to Improve PISA Scores." *The Jakarta Post*, 5 April 2020. <https://www.thejakartapost.com/news/2020/04/05/government-to-revamp-student-assessment-to-improve-pisa-scores.html>.
- California Secretary of State. 2020. "Women on Boards." <https://www.sos.ca.gov/business-programs/women-boards/>.
- Canadian Human Rights Commission. 2020. "Complaints: About the Process." <https://www.chrc-ccdp.gc.ca/eng/content/about-process>.
- Catalyst. 2007. "The Bottom Line: Corporate Performance and Women's Representation on Boards." <https://www.catalyst.org/research/the-bottom-line-corporate-performance-and-womens-representation-on-boards/>.
- . 2011. "2011 Catalyst Census: Fortune 500 Women Board Directors." Catalyst. <https://www.catalyst.org/research/2011-catalyst-census-fortune-500-women-board-directors/>.
- . 2020. "Women in Male-Dominated Industries and Occupations: Quick Take." 5 February 2020. <https://www.catalyst.org/research/women-in-male-dominated-industries-and-occupations/#:~:text=In the United States%2C only,male-dominated occupations in 2018.&text=Women's job growth is driven,consisting of two-thirds men>
- Centre for Gender Equality Iceland. 2017. "Gender Equality in Iceland: Information on Gender Equality Issues in Iceland." Akureyri: Jafnréttisstofa.
- Cerise, Somali, Anna Eliseeva, Francesca Francavilla, Camila Mejia, and Michele Tuccio. 2013. "How do maternity leave and discriminatory social norms relate to women's employment in developing countries?". Issues Paper. OECD Development Centre.
- Che, Gladys Njang, and Fabien Sundjo. 2018. "Determinants of Female Labour Force Participation in Cameroon." *International Journal of Applied Economics, Finance and Accounting* 3, no. 2: 88–103.
- Chopra, Deepta and Meenakshi Krishnan. 2009. "Linking Family-friendly Policies to Women's Economic Empowerment: An Evidence Brief." New York: United Nations Children's Fund (UNICEF).
- Contreras, Dante, and Gonzalo Plaza. 2010. "Cultural Factors in Women's Labor Force Participation in Chile." *Feminist Economics* 16, no. 2: 27–46.
- Cornish, Liz. 2007. "Women Leaders: How To Help Them 'Hit the Ground Running.'" *Development and Learning in Organizations* 21, no. 1: 18–20. <https://doi.org/10.1108/14777280710717443>.
- Council for Board Diversity, Singapore. 2020. "Women's Participation on Boards: Statistics as at Dec 2019." Media Release, 17 March 2020. <https://www.councilforboarddiversity.sg/statistics/as-at-dec-2019/>.
- Credit Suisse Research Institute. 2019. "The CS Gender 3000 Report 2019: Diversity and Company Performance." <https://www.credit-suisse.com/about-us/news/en/articles/news-and-expertise/cs-gender-3000-report-2019-201910.html>
- Data2X. 2017. "Gender Data: Sources, Gaps and Measurement Opportunities." <http://www.data4sdgs.org/sites/default/files/2017-09/Gender%20Data%20-%20Data4SDGs%20Toolbox%20Module.pdf>.
- De Paz, Carmen, Miriam Muller, Ana Maria Munoz Boudet, and Isis Gaddis. 2020. "Gender Dimensions of the COVID-19 Pandemic." Policy Note. Washington DC: World Bank.
- Deloitte Global Center for Corporate Governance. 2017. "Women in the Boardroom: A Global Perspective – 5th Edition." Deloitte. <https://www2.deloitte.com/nz/en/pages/risk/articles/women-in-the-boardroom5th-edition.html>.
- . 2019. "Women in the Boardroom: A Global Perspective – 6th Edition." Deloitte. <https://www2.deloitte.com/content/dam/Deloitte/global/Documents/Risk/gx-risk-women-in-the-boardroom-sixth-edition.pdf>
- Dea, Valencia. 2019. "An Overview of Support for Women Entrepreneurs in Indonesia and Canada: Focus on SMEs and Start-Ups." The Canada–Indonesia Trade and Private Sector Assistance (TPSA) Project.
- Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar, and Jake Hess. 2018. "The Global Findex Database 2017: Measuring Financial Inclusion and the Fintech Revolution." World Bank. <https://doi.org/10.1596/978-1-4648-1259-0>.
- Department of Economic Planning and Statistics, Brunei Darussalam. 2020. "National Statistics." <http://www.deps.gov.bn/SitePages/NationalStatistics.aspx>.
- Department of Justice, US. 2017. "The Fair Housing Act." Updated 21 December 2017. <https://www.justice.gov/crt/fair-housing-act-1>.
- Department of the Prime Minister and Cabinet, Australia. n.d. "Office for Women: Leadership." Accessed 1 August 2020. <https://www.pmc.gov.au/office-women/leadership>.

- Department of Transportation, US. 2019. "DOT's Updated Anti-Harassment Policy Meets EEOC Requirements, but Program Compliance Hinges on Procedure Implementation and Data Usage." Office of Inspector General. <https://www.oig.dot.gov/library-item/37418>.
- DLA Piper. 2018. "Gender Pay Reporting; An International Survey (September 2018)." DLA Piper.
- Do, Thi Quynh Trang, and Gérard Duchêne. 2007. "Determinants of Self-Employment: The Case in Vietnam." Working paper, Paris: University of Paris.
- Diversity Task Force Regarding Women on Boards (DTF). 2014. "Gender Diversity on Boards: A Business Imperative." Singapore: DTF.
- Durant, Isabelle, and Pamela Coke-Hamilton. 2020. "COVID-19 requires Gender-equal Responses to Save Economies." United Nations Conference on Trade and Development. 1 April 2020. <https://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=2319>
- Equal Employment Opportunity Commission (EEOC), US. 2020. "Charge Statistics (Charges Filed with EEOC) FY 1997 through FY 2019." <https://www.eeoc.gov/statistics/charge-statistics-charges-filed-eeoc-fy-1997-through-fy-2019>.
- Equal Opportunities Commission of Hong Kong, China. 2012. "EO Casebook 2012." <https://www.eoc.org.hk/eoc/graphicsfolder/showcontent.aspx?content=eocasebook>.
- Estrada, Daniela. 2009. "Chile: Goodbye to the Gender Wage Gap?" *Inter Press Service*, 6 June 2009. <http://www.ipsnews.net/2009/06/chile-goodbye-to-the-gender-wage-gap/>.
- European Commission, and Organisation for Economic Co-operation and Development (OECD). 2017. "Policy Brief on Women's Entrepreneurship." Luxembourg: Publications Office of the European Union. <https://doi.org/10.2767/50209>.
- Evans, M.D.R., and Jonathan Kelley. 2008. "Trends in Women's Labor Force Participation in Australia: 1984–2002." *Social Science Research* 37, no. 1: 287–310.
- Fair Work Ombudsman, Australia. 2020. "Best Practice Guide: Parental Leave." <http://www.fairwork.gov.au/resources/best-practice-guides/pages/parental-leave.aspx>.
- Falzone, Joseph S. 2000. "Labor Market Decisions of Married Women: With Emphasis on Part-Time Employment." *International Advances in Economic Research* 6, no. 4: 662–71.
- Farren, Mario. 2019. "The Gender Approach in the Statistical Production of the Superintendencia de Bancos e Instituciones Financieras de Chile." Presentation, Advancing Women's Economic Empowerment through Data Workshop, Valparaiso, Chile, 7–8 May 2019. http://mddb.apec.org/Documents/2019/PPWE/WKSP1/19_ppwe_wksp_009.pdf.
- Ferrant Gaëlle, Luca Maria Pesando, and Keiko Nowac. 2014. "Unpaid Care Work: The Missing Link in the Analysis of Gender Gaps in Labour Outcomes". OECD Development Centre.
- Fields, G.S. 2007. "Taiwan's Changing Employment and Earnings Structure [Electronic version]." In J. S. Lee (ed.). *The labour market and economic development of Taiwan*, 36–58. Northampton, MA: Edward Elgar Publishing.
- Fontana, Marzia. 2018. "Investing in Women: Vietnam Country Context Paper." Sydney: Investing in Women, University of Sydney.
- Foubert, Petra. 2017. "The Enforcement of the Principle of Equal Pay for Equal Work or Work of Equal Value: A Legal Analysis of the Situation in the EU Member States, Iceland, Liechtenstein and Norway." Luxembourg: Publications Office of the European Union.
- Franklin, Sarah. 2017. "Gaining Momentum." *Reproductive Biomedicine and Society Online* 4: 68. <https://doi.org/10.1016/j.rbms.2017.09.001>.
- Gardner, Natalie, Jianqiang Cui, and Eddo Coiacetto. 2017. "Harassment on Public Transport and Its Impacts on Women's Travel Behaviour." *Australian Planner* 54, no. 1: 8–15. <https://doi.org/10.1080/07293682.2017.1299189>.
- Gender Equality Bureau Cabinet Office, Japan. 2013. "Women and Men in Japan 2013." Tokyo: Gender Equality Bureau Cabinet Office.
- . 2020. "Women and Men in Japan 2020." Tokyo: Gender Equality Bureau Cabinet Office.
- Genesis Analytics. 2018. "Exploring Fintech Solutions for Women." Ottawa: International Development Research Centre.
- Ghez, Gilbert, and Gary S. Becker. 1975. *The Allocation of Time and Goods over the Life Cycle*. New York: National Bureau of Economic Research.
- Grant, Terry. 2016. "BUILD-IT Vietnam Conference Inspires Women to Pursue STEM Careers." Full Circle, 20 August 2016. <https://fullcircle.asu.edu/outreach/build-vietnam-conference-inspires-women-pursue-stem-careers/>.
- Guardian. 2019. "New Campaign Calls for Employer Duty to Prevent Sexual Harassment at Work." IZA World of Labor, 27 June 2019. <https://wol.iza.org/news/new-campaign-calls-for-employer-duty-to-prevent-sexual-harassment-at-work>.
- Haas, Steven A., M. Maria Glymour, and Lisa F. Berkman. 2011. "Policy Brief." *Journal of Health and Social Behavior* 52, no. 3: 298–313. <https://doi.org/10.1177/0022146511418950>.
- Halabisky, David. (2018). "Policy Brief on Women's Entrepreneurship", OECD SME and Entrepreneurship Papers, No. 8, OECD Publishing, Paris, <https://doi.org/10.1787/dd2d79e7-en>.
- Hayes, Jennifer, Melissa Artabane, and Brittany Martin. 2020. "Gender Parity: Inspiring Women to Reach for the C-Suite". Bain & Company. 4 March 2020. <https://www.bain.com/insights/gender-parity-inspiring-women-to-reach-for-the-c-suite/>.
- Hernando-Malipot, Merlina. 2020. "DepEd Encourages Girls to Pursue 'Hard Science' STEM Courses." *Manila Bulletin*, 5 March 2020. <https://stankaba.com/depd-encourages-girls-to-pursue-hard-science-stem-courses-manila-bulletin-news/>.
- Hersch, Joni. 2015. "Sexual Harassment in the Workplace." IZA World of Labor. September. <https://doi.org/10.15185/izawol.188>.
- Hosney, Sara Hassan. 2016. "Factors Influencing Female Labor Force Participation in Egypt and Germany: A Comparative Study." SOEPPapers no. 826, Berlin: German Socio-Economic Panel (SOEP). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2754195.
- INEGI (National Institute of Statistics and Geography), Mexico. 2018. *Mujeres y hombres en México 2018 (Women and Men in Mexico 2018)*. México: INEGI.

- International Finance Corporation (IFC). 2011. "Strengthening Access to Finance for Women-Owned SMEs in Developing Countries." Washington, DC: IFC. https://www.ifc.org/wps/wcm/connect/2a9123b3-d369-4115-8cbf-19083218ce64/G20_Women_Report.pdf?MOD=AJPERES&CVID=jqeI-xk.
- . 2017. "Women-owned Enterprises in Vietnam: Perceptions and Potential." Washington, DC: IFC. https://www.ifc.org/wps/wcm/connect/86bc0493-78fa-4c7d-86ec-5858aa41fa1a/Market-study-on-Women-owned-enterprises-in-Vietnam_Eng_v1.pdf?MOD=AJPERES&CVID=l-Yi6gF.
- International Labour Organization (ILO). 2007. "ABC of Women Workers' Rights and Gender Equality" Geneva: ILO.
- . 2012a. "Allow Moms to Breastfeed at Work." Media release, 3 August 2012. https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_186325/lang--en/index.htm
- . 2012b. "Module 4: Maternity Protection at Work: Who Are the Main Stakeholders?" In *Maternity Protection Resource Package: From Aspiration to Reality for All*. Geneva: ILO.
- . 2013. "Work-Related Violence and Its Integration into Existing Surveys." Document no. 7, 19th International Conference of Labour Statisticians, 2–11 October.
- . 2014. "Maternity and Paternity at Work: Law and Practice Across the World." Policy brief, Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/documents/publication/wcms_242617.pdf.
- . 2015. "Women in Business and Management: Gaining Momentum." Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms_316450.pdf.
- . 2017. "The Gender Gap in Employment: What's Holding Women Back?" InfoStories, December 2017. <https://www.ilo.org/infostories/en-GB/Stories/Employment/barriers-women#intro>.
- . 2018a. "Ending Violence and Harassment against Women and Men in the World of Work." Conference paper, International Labour Conference, 107th Session, Geneva.
- . 2018b. "Women and Men in the Informal Economy: A Statistical Picture, Third Edition" Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/documents/publication/wcms_626831.pdf.
- . 2019a. "Reports of the Standard-Setting Committee on Violence and Harassment in the World of Work: Instruments Submitted for Adoption by the Conference." Provisional record, International Labour Conference, 108th Session, Geneva. https://www.ilo.org/wcmsp5/groups/public/---ed_norm/---relconf/documents/meetingdocument/wcms_711242.pdf.
- . 2019b. "Women in Business and Management: A Global Survey of Enterprises." Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---publ/documents/publication/wcms_702196.pdf
- . 2020a. "ILO Statistics." Database. <https://ilostat.ilo.org>.
- . 2020b. "ILO Violence and Harassment Convention, 2019 (no. 190): 12 Ways It Can Support the COVID-19 Response and Recovery." Policy brief, Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---gender/documents/publication/wcms_744782.pdf.
- International Institute for Democracy and Electoral Assistance (International IDEA) n.d. "Gender Quotas Database." <https://www.idea.int/data-tools/data/gender-quotas>.
- International Transport Forum (ITF). 2018. "Women's Safety and Security: A Public Transport Priority." Paris: OECD.
- Japan International Cooperation Agency (JICA). 2010. "Country Gender Profile: Papua New Guinea." JICA. https://www.jica.go.jp/english/our_work/thematic_issues/gender/background/pdf/e10png.pdf
- Jatfors, Anna-Karin. 2017. "Violence against Women and Women's Economic Empowerment." Presentation, Bangkok, 23 February 2017.
- Johnson, Andrea, Kathryn Menefee, and Ramya Sekaran. 2019. "Progress in Advancing Me Too Workplace Reforms in #20Statesby2020." Washington D.C.: National Women's Law Center. <https://nwlc-ciw49tixgw5lbab.stackpathdns.com/wp-content/uploads/2019/07/20-States-By-2020-report.pdf>.
- Johnston, Grant. 2005. "Women's Participation in the Labour Force." Working paper, New Zealand Treasury.
- Kang, Siew Li. 2019. "SC Mulls Naming PLCs with Weak Corporate Governance." *The Edge Malaysia*, 20 May 2019. <https://www.theedgemarkets.com/article/sc-mulls-naming-plcs-weak-corporate-governance>.
- Keane, Bernard. 2019. "Why Australia's Future Is Female and the Outlook for Male-Dominated Industries Is Bleak." *SmartCompany*, 30 October 2019. <https://www.smartcompany.com.au/finance/economy/female-oriented-workforce/>.
- Kelly, Jack. 2020. "Women Now Hold More Jobs Than Men In The U.S. Workforce." *Forbes*. 2020. Accessed 05 October 2020. <https://www.forbes.com/sites/jackkelly/2020/01/13/women-now-hold-more-jobs-than-men/#45fdc4ff8f8a>.
- Khadim, Zunaira, and Waqar Akram. 2013. "Female Labor Force Participation in Formal Sector: An Empirical Evidence from PSLM (2007–08)." *Middle-East Journal of Scientific Research* 14, no. 11: 1480–8.
- Klasen, Stephan, Tu Thi Ngoc Le, Janneke Pieters, and Manuel Santos Silva. 2020. "What drives female labour force participation? Comparable micro-level evidence from eight developing and emerging economies." *The Journal of Development Studies*: 1-26.
- Korea Times. 2018. "South Korea Revs Up Fight against Sexual Crimes". Accessed on 09 November 2020. https://www.koreatimes.co.kr/www/nation/2020/10/356_245292.html
- Koslowski, Alison, Sonja Blum, Ivana Dobrotic, Alexandra Macht, and Peter Moss (eds). 2019. "15th International Review of Leave Policies and Related Research 2019." International Network on Leave Policies and Research.
- Kring, Sriani A. 2017. "Gender in Employment Policies and Programmes: What Works for Women?" Working paper no. 235, Geneva: ILO. https://www.ilo.org/wcmsp5/groups/public/---ed_emp/documents/publication/wcms_613536.pdf.
- Kronfol, Hania, Alison McDonnell Nichols and Trang Thu Tran. 2019. "Women at Work: How Can Investment Incentives Be Used to Enhance Economic Opportunities for Women?" Policy Research Working Paper no. 8935, World Bank.
- Le, Long Hoang, and Joanna Katarzyna Stefanczyk. 2018. "Gender Discrimination in Access to Credit: Are Women-led SMEs Rejected more than Men-led?" *Gender, Technology and Development* 22, no. 2: 145-163.
- Lee, Bun Song, Soomyung Jang, and Jayanta Sarkar. 2008. "Women's Labor Force Participation and Marriage: The Case of Korea." *Journal of Asian Economics* 19, no. 2: 138–54.

- Lee, Sangheon, Deirdre McCann and Jon C. Messenger. 2007. *Working Time Around the World: Trends in Working Hours, Laws and Policies in a Global Comparative Perspective*. London: Routledge. <https://doi.org/10.4324/9780203945216>.
- Liao, Lusi, and Sasiwimon W. Paweenawat. 2019. "Parenthood Penalty and Gender Wage Gap: Recent Evidence from Thailand." Discussion Paper no. 102.. Puey Ungphakorn Institute for Economic Research. https://www.pier.or.th/wp-content/uploads/2019/01/pier_dp_102.pdf.
- Li, Jiajia, Jian Zhang, Dayong Zhang, and Qiang Ji. 2019. "Does Gender Inequality Affect Household Green Consumption Behaviour in China?" *Energy Policy* 135: 111071.
- Ligaya, Armina. 2018. "Most Canadian Employers Not Tracking Gender Pay Gap: Report (The Canadian Press)." Benefits Canada, 6 November 2018 <https://www.benefitscanada.com/news/most-canadian-firms-not-tracking-gender-pay-gap-advancement-rates-report-121372>.
- Linnainmaa, Leena. 2010. "The Finnish Experience in Promoting Women on Company Boards." FidAR-Forum, Berlin, 15 March 2010.
- MacLennan, Catriona, Judy McGregor, and Shamubeel Eaqub. 2018. "New Zealand Census of Women on Boards 2018."
- Madgavkar, Anu, Olivia White, Mekala Krishnan, Deepa Mahajan, and Xavier Azcue. 2020. "COVID-19 and Gender Equality: Countering the Regressive Effects." McKinsey Global Institute. <https://www.mckinsey.com/featured-insights/future-of-work/covid-19-and-gender-equality-countering-the-regressive-effects>.
- Makati Business Club. 2019. "Women in the Philippines C-Suite." Makati City: Makati Business Club.
- Martin, Bill, Belinda Hewitt, Mara A. Yerkes, Ning Xiang, Judith Rose, and Laetitia Coles. 2014. "Paid Parental Leave Evaluation: Phase 3 Report." University of Queensland. https://www.dss.gov.au/sites/default/files/documents/03_2015/finalphase3report_6_march_2015_0.docx.
- Martinez, Daniel, Oscar A. Mitnik, Edgar Salgado, Lynn Scholl, and Patricia Yañez-Pagans. 2018. "Connecting to Economic Opportunity? The Role of Public Transport in Promoting Women's Employment in Lima." Discussion paper no. 12020, Bonn: IZA Institute of Labor Economics.
- Maurer-Fazio, Margaret, Rachel Connelly, Lan Chen, and Lixin Tang. 2011. "Childcare, eldercare, and labor force participation of married women in urban China, 1982–2000." *Journal of Human Resources* 46, no. 2: 261–294.
- McGregor, Judy, Sharyn Graham Davies, Lynne S Giddings, and Judith Pringle. 2017. "Pursuing Equal Pay: The Perspectives of Female Engineers and Potential Policy Interventions." *Journal of Industrial Relations* 59, no. 1: 3–21.
- McKinsey Global Institute. 2018. "The Power of Parity: Advancing Women's Equality in Asia Pacific." McKinsey & Company.
- Merry, Sally E. 2003 "Constructing a Global Law – Violence against Women and the Human Rights System." In Paul Schiff Berman (ed.) 2017. *The Globalization of International Law*, 325–61. Abingdon: Routledge. <https://doi.org/10.4324/9781315086392-23>.
- Mincer, Jacob. 1962. "Labor Force Participation of Married Women: A Study of Labor Supply." In *Aspects of Labor Economics*, 63–105. Princeton: Princeton University Press.
- Minister for Equal Opportunities, Denmark. 2018. "Report/ Perspective and Action Plan 2018." Ministry of Foreign Affairs.
- Ministerio del Interior y Seguridad Publica. 2020. "Encuesta de Violencia contra la Mujer en el Ámbito de Violencia Intrafamiliar y en Otros Espacios (ENVIF-VCM)." <http://cead.spd.gov.cl/?wpdmpro=informe-de-resultados-iv-encuesta-de-violencia-contra-la-mujer-en-el-ambito-de-violencia-intrafamiliar-y-en-otros-espacios-envif-vcm&wpdmdl=3161&>
- Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan, 2018. "Survey on the Entrance Examination at Universities." FY 2018 Survey Results.
- Ministry for Women, New Zealand. 2020. "COVID-19 and Women." Last modified 31 May 2020. <https://women.govt.nz/news/covid-19-and-women>.
- Ministry for Women, New Zealand; and Office of Ethnic Communities, New Zealand. 2019. "2019 Stocktake of Gender, Maori, and Ethnic Diversity on State Sector Boards and Committees." Wellington: Ministry for Women and Office of Ethnic Communities.
- Ministry of Business, Innovation and Employment, New Zealand. n.d. "National Science Challenges." Accessed 20 August 2020. <https://www.mbie.govt.nz/science-and-technology/science-and-innovation/funding-information-and-opportunities/investment-funds/national-science-challenges/>.
- Ministry of Children and Families, Norway. 2007. "The Act Relating to Gender Equality". Accessed 09 November 2020. <https://www.regjeringen.no/en/dokumenter/the-act-relating-to-gender-equality-the-/id454568/>
- Ministry of Education, Chinese Taipei. 2020. "Gender Statistics." 29 April 2020. <https://english.moe.gov.tw/cp-87-14508-95005-1.html>.
- Ministry of Gender Equality and Family, Korea. n.d. "Gender Equality Policy." Accessed 20 August 2020. http://www.mogef.go.kr/eng/pc/eng_pc_f001.do.
- Ministry of Gender Equality, Diversity and Equal Opportunities, France. n.d. "Improve the Access of Women Entrepreneurs to Financing with the FGIF." Accessed 15 August 2020. <https://www.egalite-femmes-hommes.gouv.fr/dossiers/egalite-professionnelle/entrepreneuriat-des-femmes/fgif/>.
- Ministry of Justice, Chinese Taipei. 2018. "Gender Equity Education Act." Laws & Regulations Database. <https://law.moj.gov.tw/ENG/LawClass/LawAll.aspx?pcode=H0080067>.
- Ministry of Social Affairs, Iceland. 2018. "Act on Equal Status and Equal Rights of Women and Men No. 10/2008, as amended by Act No. 162/2010, No. 126/2011, No. 62/2014, No. 79/2015, No. 117/2016 and No. 56/2017". Accessed 09 November 2020. <https://www.government.is/publications/legislation/lex/2009/02/10/Act-on-Equal-Status-and-Equal-Rights-of-Women-and-Men-No.-10-2008/>
- Ministry of Social and Family Development, Singapore. 2019. "New Council for Board Diversity To Increase Women's Representation on Boards." Media release.

- Ministry of Women and Gender Equality, Chile. 2019. "Advancing Women's Economic Empowerment through Data: Challenges and Opportunities in the Asia-Pacific Region." Singapore: APEC. <https://www.apec.org/Publications/2019/12/Advancing-Womens-Economic-Empowerment-through-Data>.
- Miranville, Alain. 2019. "Annual Report 2018." *AIMS Mathematics* 4 (no. 1): 166–9. <https://doi.org/10.3934/Math.2019.1.166>.
- Moriyasu, Ken. 2015. "75% of Japanese Women Not Interested in Management." *Nikkei Asian Review*, 14 May 2015.
- Mósesdóttir, Lilja, Andrea G. Dofradóttir, Þorgerður Einarsdóttir, Kristjana Stella Blöndal, Einar Mar Þórðarson, and Sigurbjörg Ásgeirsdóttir. 2006. "Evaluating Equal Pay in the Nordic Countries." Reykjavík: Project Group for Equal Pay.
- Musoni. 2015. "Mama Bahati Foundation Support Women Entrepreneurs in Tanzania Using the Musoni System." 18 April 2015.
- Muth, Richard F. 1966. "Household Production and Consumer Demand Functions." *Econometrica: Journal of the Econometric Society* 34 (3): 699–708.
- Nakavachara, Voraprapa. 2010. "Superior Female Education: Explaining the Gender Earnings Gap Trend in Thailand." *Journal of Asian Economics* 21, no. 2: 198–218.
- Nam, Sunghye. 1991. "Determinants of Female Labor Force Participation: A Study of Seoul, South Korea, 1970–1980." *Sociological Forum* 6 (no. 4): 641–59.
- Nathan Associates. 2018. "Women at Work – Legal and Regulatory Barriers and Opportunities to Women's Wage-Employment in ASEAN Member States". Nathan Associates.
- National Bureau of Statistics of China. 2020. "2018 Statistical Monitoring Report on the Implementation of China National Program for Women's Development (2011–2020), dated December 2019." http://www.stats.gov.cn/english/PressRelease/202001/t20200103_1721237.html
- National Department of Education, Papua New Guinea. 2019. "Boosting Education Standards Together in PNG (BEST PNG) Program." <https://www.globalpartnership.org/sites/default/files/2019-04-gpe-png-program-document.pdf>
- New Zealand Government. 2020a. "Family and Sexual Violence Prevention." Unite against COVID-19. Last modified 8 June 2020. <https://covid19.govt.nz/health-and-wellbeing/family-and-sexual-violence-prevention/>.
- . 2020b. "Unite against COVID-19: Find Advice and Support." <https://covid19.govt.nz/assets/resources/accessible-information/large-print-and-audio/COVID-19-Services-and-Support-Contact-Details.pdf>.
- New Zealand Family Violence Clearinghouse. 2020. "Budget 2020: Funding for Family Violence Services". 11 May 2020. <https://nzfvc.org.nz/news/budget-2020-funding-family-violence-services>.
- . n.d. "Resources for whānau, communities and services during COVID-19." Accessed 15 August 2020. <https://nzfvc.org.nz/covid-19>.
- New Zealand Law Society. 2020. "Women in the Legal Profession: Gender Pay Audits." Updated 29 July 2020. [https://www.lawsociety.org.nz/professional-practice/practising-well/women-in-the-legal-profession/gender-pay-audits/New Zealand Treasury. 2017. "Budget 2017 Information Release." The Treasury, 28 July 2017. <https://treasury.govt.nz/publications/information-release/budget-2017-information-release>](https://www.lawsociety.org.nz/professional-practice/practising-well/women-in-the-legal-profession/gender-pay-audits/New Zealand Treasury. 2017.)
- Ngai, Liwa R., and Barbara Petrongolo. 2014. "DP9970 Gender Gaps and the Rise of the Service Economy." London: Centre for Economic Policy Research.
- Nordic Council of Ministers.. 2019. "The Nordic Gender Effect at Work: Nordic Experiences on Parental Leave, Childcare, Flexible Work Arrangements, Leadership and Equal Opportunities at Work." Copenhagen: Nordic Council of Ministers. <https://doi.org/10.6027/no2019-058>.
- Nott, Sue. 2018. "Accentuating the Positive: Alternative Strategies for Promoting Gender Equality." In *Making Women Count: Integrating Gender into Law and Policy-Making*, edited by Fiona Beveridge, Sue Nott and Kylie Stephen, 247–76. Abingdon: Routledge. <https://doi.org/10.4324/9781315184746-10>.
- Office of the High Commissioner for Human Rights (OHCHR). 2008. "Optional Protocol of the International Covenant on Economic, Social and Cultural Rights." <https://www.ohchr.org/EN/ProfessionalInterest/Pages/OPCESCR.aspx>.
- . 2014. "UN Working Group on the Issue of Discrimination against Women in Law and in Practice Finalizes Country Mission to Chile." <https://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=15005&LangID=E>.
- Ogloblin, Constantin G. 1999. "The Gender Earnings Differential in the Russian Transition Economy." *Industrial and Labor Relations Review*, no. 4: 603-604.
- Organisation for Economic Co-operation and Development (OECD). 2009a. "OECD Reviews of Tertiary Education: Japan." Paris: OECD. <https://doi.org/10.1787/9789264039322-en>.
- . 2009b. "OECD Reviews of Tertiary Education: Korea." Paris: OECD. <https://doi.org/10.1787/9789264049055-en>.
- . 2013. "Financial Literacy and Inclusion: Results of OECD/INFE Survey across Countries and by Gender." Paris: OECD. https://www.oecd.org/daf/fin/financial-education/TrustFund2013_OECD_INFE_Fin_Lit_and_Incl_SurveyResults_by_Country_and_Gender.pdf.
- . 2013b. "How do maternity leave and discriminatory social norms relate to women's employment in developing countries?" Paris, OECD.
- . 2014. "Women, Government and Policy Making in OECD Countries: Fostering Diversity for Inclusive Growth." Paris: OECD. <https://doi.org/10.1787/9789264210745-en>.
- . 2015. "The ABC of Gender Equality in Education: Aptitude, Behaviour, Confidence." Paris: OECD. <http://dx.doi.org/10.1787/9789264229945-en%0A>.
- . 2016. "Be Flexible! Background Brief on How Workplace Flexibility Can Help European Employees to Balance Work and Family." Paris: OECD.
- . 2017. "Building an Inclusive Mexico: Policies and Good Governance for Gender Equality." Paris: OECD.
- . 2018a. "OECD Toolkit for Mainstreaming and Implementing Gender Equality." Paris: OECD. <https://www.oecd.org/gender/governance/toolkit/toolkit-for-mainstreaming-and-implementing-gender-equality.pdf>.

- . 2018b. “Is the Last Mile the Longest? Economic Gains from Gender Equality in Nordic Countries.” Paris: OECD. https://www.oecd-ilibrary.org/social-issues-migration-health/is-the-last-mile-the-longest-economic-gains-from-gender-equality-in-nordic-countries_9789264300040-en.
- . 2019a. “Education at A Glance 2019: Iceland.” https://www.oecd.org/education/education-at-a-glance/EAG2019_CN_ISL.pdf.
- . 2019b. “OECD EPL Database: Japan.” <https://www.oecd.org/els/emp/Japan.pdf>
- . 2019c. “Social Institutions and Gender Index 2019 Global Report: Transforming Challenges into Opportunities.” OECD. https://www.oecd-ilibrary.org/development/sigi-2019-global-report_bc56d212-en
- . 2019d. “The Role of Education and Skills in Bridging The Digital Gender Divide: Evidence from APEC Economies.” OECD. <https://www.oecd.org/sti/education-and-skills-in-bridging-the-digital-gender-divide-evidence-from-apec.pdf>
- . 2020a. “Is Childcare Affordable?” Policy brief, Paris: OECD. <http://oe.cd/childcare-brief-2020>.
- . 2020b. “Thailand: Gender Budgeting Action Plan.” Paris: OECD. <http://www.oecd.org/gov/budgeting/gender-budgeting-action-plan-thailand.pdf>
- . n.d. “Gender Wage Gap.” Accessed 15 August 2020. <https://data.oecd.org/earnwage/gender-wage-gap.htm>.
- Pacific Women Shaping Pacific Development. 2016. “Papua New Guinea Performance Report.” May.
- Park, Ju-young. 2018. “Women Executives a Rarity at Korea’s Top 500 Corporations.” *The Korea Herald*, 29 November 2018.
- Pelletier, Rachele, Martha Patterson, and Melissa Moyer. 2019. “The Gender Wage Gap in Canada: 1998 to 2018.” Statistics Canada, updated 11 October 2019 <https://www150.statcan.gc.ca/n1/pub/75-004-m/75-004-m2019004-eng.htm>.
- Philippine Statistics Authority. 2010. “Q & A: Magna Carta of Women (Republic Act no. 9710).” <https://psa.gov.ph/content/q-magna-carta-women-republic-act-no-9710>.
- . 2018. “2018 Gender Statistics on Labor and Employment.” Manila: Philippine Statistics Authority. <http://www.psa.gov.ph/content/gender-statistics-labor-and-employment>.
- Power, Kate. 2020. “The COVID-19 Pandemic Has Increased the Care Burden of Women and Families.” In *Sustainability: Science, Practice and Policy* 16, no. 1: 67-73, <https://doi.org/10.1080/15487733.2020.1776561>.
- Public Service Commission, New Zealand. 2019. “Public Service Gender Pay Gap.” Last modified 28 November 2019. <https://ssc.govt.nz/our-work/workforce-data/public-service-gender-pay-gap/>.
- . n.d. “The Gender Pay Gap and Pay Equity.” Accessed 15 August 2020. <https://www.publicservice.govt.nz/>.
- Puckett, Bonnie, Skye Hao, and Amanda T. Quan. 2020. “China’s New Civil Code Cracks Down on Sexual Harassment and Protects Individual Privacy Rights.” *The National Law Review* X, no. 241. <https://www.natlawreview.com/article/china-s-new-civil-code-cracks-down-sexual-harassment-and-protects-individual-privacy>.
- Qian, Meijun. 2016. “Women’s Leadership and Corporate Performance.” Working paper no. 472, Manila: ADB.
- Ramly, Zulkufly, Sok-Gee Chan, Mohd Zulkhairi Mustapha, and Noor Sharoja Sapiei. 2015. “Gender Diversity, Board Monitoring and Bank Efficiency in ASEAN-5.” In *Proceeding – Kuala Lumpur International Business, Economics and Law Conference 7 (KLIBEL7)* 1: 90–105. <http://irep.iium.edu.my/44546/>.
- Razavi, Shahra and Laura Turquet. 2016. “Progress of the World’s Women 2015–2016: Transforming Economies, Realizing Rights.” *Global Social Policy* 16, no. 1: 86–108. <https://doi.org/10.1177/1468018115624314>.
- Right to Education Initiative. 2018. “Background Paper Prepared for the 2018 Global Education Monitoring Report Gender Review: Country Commitments to Gender Equality in Education.” Accessed 05 October 2020. https://www.right-to-education.org/sites/right-to-education.org/files/resource-attachments/RTE_Country_commitments_gender_equality_education_2018.pdf
- Rubery, Jill, and Aristeia Koukiadaki. 2016. “Closing the Gender Pay Gap: A Review of the Issues, Policy Mechanisms and International Evidence.” Geneva: ILO. https://www.ilo.org/gender/Informationresources/Publications/WCMS_540889/lang--en/index.htm.
- Safe Work Australia. 2016. “Guide for Preventing and Responding to Workplace Bullying.” <https://www.safeworkaustralia.gov.au/system/files/documents/1702/guide-preventing-responding-workplace-bullying.pdf>
- Sasaki, Masaru. 2002. “The Causal Effect of Family Structure on Labor Force Participation among Japanese Married Women.” *Journal of Human Resources* 37, no. 2: 429–40.
- Schuler, Margaret, and Nancy Flowers. 2003. *Women’s Human Rights: Step by Step Facilitator’s Guide*. Washington, DC: Women, Law and Development International. <http://searchlibrary.ohchr.org/record/7815>.
- Seck, Papa A. 2019a. “Improving Gender Sensitive Data Collection and Use: Example of UN Women’s Women Count Global Programme.” Advancing Women’s Economic Empowerment through Data Workshop, Valparaiso, Chile, 7–8 May 2019. <https://data.unwomen.org/sites/default/files/inline-files/APEC%20presentation.pdf>.
- . 2019b. “Keynote Address on the Importance of Sex-Disaggregated Data for Women’s Economic Empowerment, Collection Methods and Opportunities for Use.” Advancing Women’s Economic Empowerment through Data Workshop, Valparaiso, Chile, 7–8 May 2019. <https://data.unwomen.org/sites/default/files/inline-files/APEC%20workshop%20keynote.docx>.
- Shannon, Sarah, and Justine Tinkler. 2020. “Sexual Harassment and the Rationales for Punishment | American Sociological Association.” *ASA Footnotes* 48, no. 1 (January/February): 5 <https://www.asanet.org/news-events/footnotes/jan-feb-2020/whats-new/sexual-harassment-and-rationales-punishment>.
- Shambaugh, Jay, Ryan Nunn, and Becca Portman. 2017. “Lessons from the Rise of Women’s Labor Force Participation in Japan.” Brookings, 1 November 2017.
- Shaw, Elyse, Ariane Hegewisch, and Cynthia Hess. 2018. “Sexual Harassment and Assault at Work: Understanding the Costs.” Institute for Women’s Policy Research.
- Sorsa, Piritta, Jan Mares, Mathilde Didier, Caio Guimaraes, Marie Rabate, Gen Tang, and Annamaria Tuske. 2015. “Determinants of the Low Female Labour Force Participation in India.” Working paper, Paris: OECD.

- Statistics Canada. 2019. "Women in Corporate Canada: Who's at the Top?" <https://www150.statcan.gc.ca/n1/pub/11-627-m/11-627-m2019028-eng.htm>.
- Statistics New Zealand (Stats NZ). 2018. "Organisational Gender Pay Gaps: Measurement and Analysis Guidelines." Wellington: Stats NZ.
- . 2019. "Gender Pay Gap Unchanged Since 2017." Media release, 21 August 2019. <https://www.stats.govt.nz/news/gender-pay-gap-unchanged-since-2017>.
- Storvik, Aagoth, and Mari Teigen. 2010. "Women on Board. The Norwegian Experience." Berlin: Friedrich-Ebert-Stiftung. <https://library.fes.de/pdf-files/id/ipa/07309.pdf>.
- Straits Times. 2018. "Japan Finds Gender, Age Discrimination at 9 Medical Schools (Bloomberg)" 14 December 2018. <https://www.straitstimes.com/asia/east-asia/japan-finds-gender-age-discrimination-at-9-medical-schools>.
- Swedish Agency for Economic and Regional Growth. 2015. "8 Years with Promoting Women's Entrepreneurship in Sweden." Stockholm: Swedish Agency for Economic and Regional Growth. https://startup-sweden.se/download/18.76e25c0c1551556fb105c34/1465381142746/info_0607_webb.pdf.
- Swedish Higher Education Authority. 2019. "Gender Equality in Higher Education". <https://english.uka.se/statistics/gender-equality-in-higher-education.html>
- TalentCorp Malaysia. 2016. "Government's Initiatives To Increase Women in the Workforce Make Headway." Media release, 27 June 2016. <https://www.talentcorp.com.my/resources/press-releases/governments-initiatives-to-increase-women-in-the-workforce-make-headway>.
- Thomas, Constance, Neliën Haspels, Tim de Meyer, Marja Paavilainen, and Hongman Zhang. 2010. "Module 2: Promoting Gender Equality at Work." In *Equality and Non-Discrimination at Work in China: Training Manual*. Beijing: International Labour Organization.
- Thornton, Grant. 2019. "Grant Thornton's Women in Business 2019 Report: Encouraging Signs in Thailand, Though Equal Representation Remains Elusive". Media release, 8 March 2019. True, Jacqui. 2016. "Gendered Violence in Natural Disasters: Learning from New Orleans, Haiti and Christchurch." *Aotearoa New Zealand Social Work* 25, no. 2: 78–89.
- Ueno, Chizuko (ed.) 1997. *Kyanpasu seisabetsu jijyou - sutoppu za akahara* (Gender Discrimination in Academia: Stop the Akahara). Sanseido.
- Ugaz Estrada, Cecilia, Müge Dolun, Carmen Schuber, and Nicolas Schmidt. 2020. "Industries Post-COVID-19: A Gender-responsive Approach to Global Economic Recovery." Industrial Analytics Platform UNIDO. <https://iap.unido.org/articles/industries-post-covid-19-gender-responsive-approach-global-economic-recovery>
- United Nations. 1997. "Report of the Economic and Social Council for the Year 1997." A/52/3. New York: United Nations.
- . 2017. "Thailand's Voluntary National Review on the Implementation of the 2030 Agenda for Sustainable Development." United Nations.
- . 2020. "The Impact of COVID-19 on Women." Policy Brief. 9 April 2020. New York: United Nations.
- United Nations Educational, Scientific and Cultural Organization (UNESCO). 2014. "Girls' and Women's Right to Education: Overview of the Measures Supporting the Right to Education for Girls and Women Reported on by Member States." Paris: UNESCO.
- . 2017. "Empowering Girls in Peru through Science." 30 November 2017. <https://en.unesco.org/news/empowering-girls-peru-through-science>.
- . 2018a. "Accountability for Gender Equality." Background Paper for the 2018 Global Education Monitoring Report Gender Review. Paris: UNESCO. <http://repositorio.minedu.gob.pe/bitstream/handle/MINEDU/5744/Accountability%20for%20gender%20equality.pdf?sequence=1&isAllowed=y>
- . 2018b. "2018 Global Education Monitoring Report – Gender Review: Meeting Our Commitments to Gender Equality in Education." Paris: UNESCO.
- . 2020. "COVID-19 School Closures: Why Girls Are More at Risk." 29 April 2020. <http://www.iiep.unesco.org/en/covid-19-school-closures-why-girls-are-more-risk-13406>
- . n.d. "Glossary: Gender Parity Index (GPI)." Accessed 15 August 2020. <http://uis.unesco.org/en/glossary-term/gender-parity-index-gpi>.
- United Nations Population Fund (UNFPA), with contributions from Avenir Health, Johns Hopkins University (USA) and Victoria University (Australia). 2020. "Impact of the COVID-19 Pandemic on Family Planning and Ending Gender-based Violence, Female Genital Mutilation and Child Marriage." Interim Technical Note, 27 April 2020. <https://www.unfpa.org/resources/impact-covid-19-pandemic-family-planning-and-ending-gender-based-violence-female-genital>
- UN Women. 2019. "Handbook: Addressing Violence and Harassment against Women in the World of Work." New York: UN Women. <https://www.unwomen.org/en/digital-library/publications/2019/03/handbook-addressing-violence-and-harassment-against-women-in-the-world-of-work>.
- . 2020. "Gender Snapshot: COVID-19 in the Philippines." In Focus (Brief), April 2020.
- . n.d.-a. "Global Database on Violence against Women." Accessed 15 August 2020. <https://evaw-global-database.unwomen.org/en>.
- . n.d.-b. "Global Norms and Standards: Leadership and Political Participation." Accessed 15 August 2020. <https://www.unwomen.org/en/what-we-do/leadership-and-political-participation/global-norms-and-standards>.
- . n.d.-c. "Remove the Barriers." Accessed 15 August 2020. <https://www.unwomen.org/en/news/in-focus/csw61/remove-the-barriers>.
- Usher, Kim, Navjot Bhullar, Joanne Durkin, Naomi Gyamfi, and Debra Jackson. 2020. "Family Violence and COVID-19: Increased Vulnerability and Reduced Options for Support." *International Journal of Mental Health Nursing* 29, no. 4: 549–552. <https://doi.org/10.1111/inm.12735>.

- Verité. n.d. "An Introduction to Grievance Mechanisms". <http://helpwanted.verite.org/helpwanted/toolkit/suppliers/establishing-effective-grievance-mechanisms/tool-1>
- Vipamaneerut, Pimvimol, and Jonathan Khaw. 2018. "Safeguarding Women's Welfare: Legal Entitlements of Female Employees in Thailand". Bangkok Post, 1 October 2018.
- Vietnam Chamber of Commerce and Industry (VCCI), Ministry of Labour, Invalid and Social Affairs (MOLISA), and Viet Nam General Confederation of Labour (VCGCL). 2015. "Code of Conduct on Sexual Harassment in the Workplace (Unofficial Translation)". https://www.ilo.org/hanoi/Informationresources/Librarydocumentationcenter/WCMS_421220/lang-en/index.htm.
- Walch-Watson, Patrice S. 2014. "Gender Diversity and Board Renewal: New Canadian Disclosure Rules for the 2015 Proxy Season." Torys LLP, 16 October 2014. <https://www.torys.com/insights/publications/2014/10/gender-diversity-and-board-renewal-new-canadian-disclosure-rules-for-the-2015-proxy-season>.
- Women's Aid Organisation (WAO). 2017. "Perspectives on Domestic Violence: A Coordinated Community Response to a Community Issue." Petaling Jaya: WAO.
- Wong, Dorcas. 2019. "China Bans Questions on Marital, Childbearing Status during Hiring." China Briefing. Shanghai: Dezan, Shira & Associates, 7 March 2019.
- Widarti, Diah. 1998. "Determinants of Labour Force Participation by Married Women: The Case of Jakarta." *Bulletin of Indonesian Economic Studies* 34, no. 2: 93–120.
- WISSET. 2019. "About WISSET." <https://www.wiset.or.kr/eng/contents/center.jsp>.
- Women's Refuge. 2020. "Additional \$183 Million Funding for Family Violence Services". Media Release, 12 May 2020.
- Workplace Gender Equality Agency (WGEA), Australia. n.d.-a. "Gender Equitable Parental Leave." Accessed 15 August 2020. <https://www.wgea.gov.au/topics/gender-equality-and-men/gender-equitable-parental-leave>
- . n.d.-b. "The Gender Pay Gap." Accessed 15 August 2020. <https://www.wgea.gov.au/topics/the-gender-pay-gap>.
- . n.d.-c. "Women in Leadership." Accessed 15 August 2020. <https://www.wgea.gov.au/topics/women-in-leadership>
- World Bank. 2016. "Gender Statistics." Database. https://databank.worldbank.org/indicator/IC.FRM.FEMM.ZS?id=2ddc971b&report_name=Gender_Indicators_Report&populartype=serie.
2017. "Gender Statistics." Database. https://databank.worldbank.org/indicator/SE.TER.CUAT.BA.FE.ZS?id=2ddc971b&report_name=Gender_Indicators_Report&populartype=series
- . 2018. "Women, Business and the Law 2018." Washington, DC: World Bank.
- . 2019a. "Breaking Barriers: Toward Better Economic Opportunities for Women in Malaysia." World Bank. <https://www.worldbank.org/en/country/malaysia/publication/breaking-barriers-toward-better-economic-opportunities-for-women-in-malaysia>
- . 2019b. "Women, Business and the Law 2019." Washington DC: World Bank.
- . 2019c. "Discriminatory Laws Against Women: A Survey of the Literature." Washington DC: World Bank.
- . 2020. "Women, Business, and the Law 2020." Washington, DC: World Bank.
- World Economic Forum (WEF). 2017. "Gender Equality? It Starts with Data." 18 September 2017. <https://www.weforum.org/agenda/2017/09/gender-equality-it-starts-with-data>.
- . 2019a. "Global Gender Gap Report 2020." Geneva: WEF. http://www3.weforum.org/docs/WEF_GGGR_2020.pdf
- . 2019b. "Mind the 100 Year Gap." <https://www.weforum.org/reports/gender-gap-2020-report-100-years-pay-equality>.
- Wu, Anna. 2002. "Effecting Change and Creating Impact: Who Set the Agenda and the Norms?" Speech, International Symposium to Explore How Women Create Change: International Perspectives: Global Voices for Gender Equity, 15 November. <https://www.eoc.org.hk/eoc/graphicsfolder/speechcontent.aspx?itemid=5002>.
- Yamaguchi, Kazuo. 2019. "Japan's Gender Gap: A Lack of Gender Equality in Career Opportunity and Long Work Hours Perpetuate Wage Differences." *Finance & Development*, March 2019, 26–9. <https://www.imf.org/external/pubs/ft/fandd/2019/03/pdf/fd0319.pdf>.
- Zermeno, Martha F. et al. 2009. "La Violencia Sexual Hacia Las Mujeres En El Sistema de Transporte Público de La Ciudad de Mexico." (Sexual Violence against Women in the Public Transportation System of Mexico City). Mexico City: Secretariat of Social Development.
- Zhu, Huani, and Carlos Kuriyama. 2016. "Gender-related Constraints Faced by Women-owned SMEs." Policy brief no. 15, Singapore: APEC.
- Zveglich, Joseph E, and Yana van der Meulen Rodgers. 2003. "The Impact of Protective Measures for Female Workers." *Journal of Labor Economics*, no. 3: 533-534.

Annex A:
**Individual Economy
Reports**



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AEPR 2020: Structural Reform and Women’s Empowerment

INDIVIDUAL ECONOMY REPORT QUESTIONNAIRE

This year’s AEPR aims to build capability in APEC economies to identify and implement structural reforms and supporting policies that empower women to engage in economic activity. The AEPR will provide an opportunity for APEC economies to: take stock of women’s contribution to, and representation in, the region’s economy; share information and compare experiences and policy approaches to promoting women’s economic participation now and into the future; and inform the Economic Committee’s work to advance women’s empowerment issues.

Through the Questionnaire, we are seeking to paint a picture of the collective structural reform policy environment, as it relates to women’s economic empowerment, in the APEC region; and drill down on the factors behind the declining rate of women’s labour force participation. The Questionnaire seeks to gather economy-level responses on: the nature of the barriers and challenges that stand in the way of women’s full and equal participation in the economy; the key structural reforms that have enabled women’s economic participation, and any gaps in structural and legislative frameworks; the information on the policies and programs that promote women’s economic empowerment and security; the approaches to data collection, and monitoring and evaluation of structural policies; and APEC’s role in promoting women’s economic empowerment in our economies.

For the purposes of the questionnaire, the definition and scope of structural reform policy will reflect the Economic Committee’s areas of work, namely: Competition Policy and Law; Corporate Law and Governance; Regulatory Reform; Public Sector Governance; Strengthening Economic and Legal Infrastructure; and Ease of Doing Business.

We encourage economies to include links to online material, where referenced in their responses.

Questionnaire

<p>1. <u>Barriers and challenges:</u> What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?</p>
<p>2. <u>Structural reform needs:</u> What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.</p> <p>If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??</p>
<p>3. <u>(Non-structural) Policies and Initiatives:</u> Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.</p>
<p>4. <u>Leading practices:</u> Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?</p>
<p>5. <u>Monitoring and evaluation (data and enforcement):</u> How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?</p>
<p>6. <u>Regional cooperation:</u> What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?</p>

AUSTRALIA

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Economic opportunity and the security that it affords lies at the heart of the Australian Government's vision for a vibrant, safe and cohesive Australia. Since the early 1980s, economic security for women in Australia has improved considerably. Women's workforce participation is at record high levels – it stands at 61.3 per cent (ages 15 plus) as of February 2020.²

Despite this progress, there remains an economic gap between men and women. Barriers to women's workforce participation persist, including access to affordable childcare, access to flexible working arrangements, and the disproportionate amount of unpaid care and domestic work undertaken by women. The Australian Bureau of Statistics (ABS) found that the main, perceived barrier for women wanting to work more, or to start work, is looking after children (23.9 per cent), with the cost and availability of childcare a common challenge.³

Women experiencing multiple disadvantages are more vulnerable to economic insecurity. The workforce participation rates of Aboriginal and Torres Strait Islander women, culturally and linguistically diverse women, women in rural and regional areas, and women with disability, are below the domestic average. It is important that efforts to improve women's economic security recognize that women are a diverse group with different needs, aspirations and challenges.

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Flexibility in the Paid Parental Leave system. Australian women still take on the majority of unpaid care and work in the home, and because of this, spend more time out of the workforce than men do. This reduces women's earning potential, and contributes to a gender gap in salary and retirement income.

Through the Parental Leave Pay system (PLP), the Australian Government provides financial support for working parents to take time away from work to care for their child, and encourages carers to maintain their attachment to the workforce. PLP can be transferred from the primary carer to their partner to promote greater flexibility and equality in how parents choose to balance work and caring responsibilities, provided both parents meet the work, income and Australian residency tests.

² ABS cat. no. 6202.0, Labour Force, Australia, February 2020, seasonally adjusted

³ ABS cat no. 6239.0 Barriers and Incentives to Labour Force Participation, Australia, July 2016 to June 2017

The Australian Government's Women's Economic Security Statement, delivered in November 2018, included a variety of measures to make the PLP system more flexible. The Government is investing AU\$54.7 million over five years on these measures (2018 to 2023). Each year, over 2,000 people access only a portion of their PLP before returning to work, which means they lose the unused portion. The Government is providing women with more choice by enabling families to split their PLP blocks of leave over a two-year period, with periods of work in between. This measure will particularly support self-employed women who cannot afford to leave their businesses for 18 consecutive weeks. The changes are currently pending passage of legislation.

The Government also amended the PLP work test, expanding access to women who have irregular work, such as teachers on casual contracts, and women in hazardous jobs who have to leave their job early in their pregnancy, such as in mining and construction. This new measure commenced on 1 January 2020.

Access and affordability of childcare. For Australian women, the main, perceived barrier to workforce participation is looking after children (23.9 per cent), with the cost and availability of childcare found to be a common challenge.⁴ The Government's recent childcare reforms are a significant step towards addressing the accessibility and affordability of childcare.

On 2 July 2018, the Child Care Subsidy (CCS) replaced the previous Child Care Benefit and Child Care Rebate. This new childcare package is the most significant reform to the early education and care system in Australia in recent decades. The CCS is the main way the Government assists families with their childcare fees. The Government pays the CCS directly to childcare providers, who pass this on to families as a fee reduction. Families make a co-contribution to their childcare fees, paying the provider the difference between the fee charged and the subsidy amount. The CCS is simpler than the previous, multi-payment system, and is better targeted to provide more assistance to low and middle income families. A family's level of CCS is determined by the combined family income, the activity level of both parents and the type of childcare service. Supporting the CCS is the Child Care Safety Net, which provides additional fee assistance for vulnerable families.

From 2019-20 to 2022-23, the Government is investing AU\$37 billion in childcare support. Consumer Price Index data shows that the Government's reforms have delivered real savings to families by reducing out-of-pocket costs (on average, across the economy) by 4.2 per cent since July 2018. In the September Quarter 2019, out-of-pocket costs were less than AU\$5 per hour, per child for the parents of 72.4 per cent of children in childcare center day care.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Women's Economic Security Statement. In 2018, the Australian Government introduced, for the first time, an AU\$158.3 million Women's Economic Security Statement (the Statement). The initiatives and funding in the Statement target key areas that promote greater choice for Australian women, by boosting their skills and employability; encouraging their return to work; helping them to establish their own businesses; and improving their economic recovery

⁴ ABS cat no. 6239.0 Barriers and Incentives to Labour Force Participation, Australia, July 2016 to June 2017

following critical life events, such as family and domestic violence and separation. Other key measures in the Statement include:

- AU\$18 million in grants through a women’s start-up fund, Boosting Female Founders, to increase entrepreneurship opportunities for women;
- AU\$3.6 million for the Future Female Entrepreneurs program for around 55,000 girls and young women, focused on encouraging entrepreneurialism and self-employment;
- AU\$1.8 million to 2022-23 to extend the Curious Minds program, which aims to get more girls studying Science, Technology, Engineering and Mathematics (STEM);
- increasing flexibility in the Paid Parental Leave system;
- supporting regional employers through the AU\$1.5 million Career Revive initiative to support business to attract and retain women returning to work after a career break; and
- providing scholarships for women in economics and finance through the Women’s Leadership and Development Program.

4. **Leading practices:** Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

The Workplace Gender Equality Agency (WGEA). One approach the Australian Government takes to reduce the gender pay gap and support women’s economic participation is through the activities of the Workplace Gender Equality Agency (WGEA). The WGEA is a statutory agency that was established under the Workplace Gender Equality Act 2012, and is charged with promoting and improving gender equality in Australian workplaces. The WGEA collects data from over 4,800 employers, capturing more than four million workers (40 per cent of Australian employees), to provide one of the world’s most comprehensive sources of gender equality data. WGEA also undertakes awareness raising activities about the gender pay gap and works with a wide range of stakeholders to promote and improve gender equality. WGEA collaborates with employers, business, industry and professional associations, academics and researchers and community organisation to provide a range of practical tools and advice.

Improvements to the child care system. As stated above, Australian women report that caring for children is the main barrier for those wanting to work more, or to start work.⁵ Accessible and affordable childcare is therefore critical to supporting women’s economic participation. As detailed above, in 2018 the Australian Government introduced significant reforms to deliver a simpler, more affordable, more flexible and more accessible childcare system. These reforms involve an AU\$37 billion investment over four years, and are yielding positive results: 86 per cent of child care service charge fees at or below the Government’s hourly fee cap; for 72.4 per cent of families, out-of-pocket costs are less than AU\$5 per hour per child; and child care participation has increased.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

⁵ ABS cat no. 6239.0 Barriers and Incentives to Labour Force Participation, Australia, July 2016 to June 2017

WGEA data. The WGEA collects data that provides vital insights into Australia’s progress on gender equality in the workplace. The Workplace Gender Equality Act 2012 requires non-public sector employers with 100 or more employees to submit an annual report to WGEA, in order to participate in government procurement processes. Employers must report on indicators such as gender composition of the workforce and governing bodies, equal remuneration between men and women, availability of flexible working arrangements, and prevention of sex-based harassment and discrimination. This reporting framework aims to encourage measures that improve gender equality outcomes. WGEA uses the reporting data to develop educational Competitor Analysis Benchmark Reports based on six gender equality indicators. The reports can be customised by industry and organisation size, and enable employers to identify areas for focus, develop informed strategies and measure performance against peers over time.

Australian Bureau of Statistics (ABS) data. The ABS is Australia’s statistical agency. It carries out a Monthly Population Survey that produces the economy’s employment and unemployment figures. The ABS monthly and quarterly labour force publications include gender disaggregated data, which policy makers use to measure women’s economic participation.

Since 2011, the ABS also publishes an annual Gender Indicators, a resource that provides a summary of gender disaggregated data in six domains: economic security; education; health; work and family balance; safety and justice; and democracy, governance and citizenship. The Gender Indicators is a central access point for gender-specific data to explore differences in situation between women and men in Australia.

The 2018 Women’s Economic Security Statement included AU\$12.5 million to reinstate the Time Use Survey, which the ABS last conducted in 2006. Scheduled to commence again in 2020-21, the Time Use Survey will collect comprehensive information about how Australians use their time – including at work, at home, in unpaid care, travelling, job seeking, physical activity and volunteering. It will provide insights into the economic value of unpaid care and work, which is a major contributor to the workforce participation gap between women and men.

6. **Regional cooperation:** What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

As a vehicle for regional economic integration, facilitator of a multi-sectoral capacity building program and an incubator of innovative policy initiatives, APEC is well-positioned to provide leadership on women’s economic empowerment issues, including by sharing data and best practice policy approaches between member economies, and developing regional responses to target common gaps and barriers.

The development of the La Serena Roadmap for Women and Inclusive Growth in 2019 has provided APEC economies with strategic guidance on key areas for collective and coordinated attention and investment in the region, including: increasing the collection and analysis of gender data to inform policy development; addressing enduring and systemic barriers to women’s economic opportunity, such as equal access to credit and assets; encouraging women and girls into STEM studies and onwards to higher wage careers; and advocating for a greater representation of women in leadership positions.

There are also opportunities for APEC to engage international partners, in order to leverage existing work and contribute to global efforts and initiatives in this space. In addition to its support for APEC's women's economic empowerment agenda, Australia is investing in a number of global and regional initiatives and organisations focused on strengthening women's economic security and inclusion. These include:

- **Women's World Banking (WWB).** This is a leading global organization on women's financial inclusion, giving low-income women increased access to financial tools and resources. Australia has contributed to WWB programs in Cambodia, Philippines, Indonesia and Viet Nam. WWB generally works with financial service providers, but in Indonesia, is partnering with the Indonesian Government to update and implement the economy's financial inclusion strategy and ensure women are not left behind.
- **Investing in Women (IW).** Australia has invested in IW to expand women's economic participation through new public and private sector partnerships in South East Asia – Indonesia, the Philippines, Viet Nam and Myanmar. IW has initiated work with the private sector and other stakeholders to advance public policy reforms that remove barriers to workplace gender equality. In 2017, IW supported the passage of the Viet Nam Labor Code Policy Reforms, through providing a gender analysis of the existing Code and Gender Impact Assessment of proposed policy reforms.
- **Women Entrepreneurs Finance Initiative (We-Fi).** This global initiative provides financial and technical assistance for women-led small and medium enterprises and support for policy and regulatory reform to remove barriers to women's economic participation.

BRUNEI DARUSSALAM

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Brunei Darussalam acknowledges that the role of women is vital in caring for the family, as well as contributing to the socio-economic development of the economy. Even though Brunei Darussalam continues to undertake several measures to achieve a work-life harmony and balance, it remains a challenge to ease the burden of dual responsibilities of women who work full time and carrying out the responsibilities as mother and spouse.

In terms of educational attainment at the tertiary level, many women graduates perform well in all kinds of disciplines and professions. Following this trend, milestones have been achieved including the increasing numbers of women going into traditionally male-dominated jobs such as pilots, engineers, and technicians. Positive trends can be seen recently whereby the number of women going into professional jobs are higher than men at 56% women and 44% men. The challenge is to ensure that this trend will continuously be positive.

On the other hand, the high trend in educational attainments does not reflect the number of women in senior positions i.e. decision-making positions both in the public and private sectors. According to the 2019 Brunei Darussalam Labor Force Survey (LFS), the number of women holding Managerial and Senior Officials positions is lower than men at 33% women and 67% men. Additionally, at the tertiary level of education, there are more unemployed women than unemployed men, at 61% and 39% respectively.

Although, Brunei Darussalam has made progress in ensuring that women will continuously have access to opportunities such as the promotion of more women in senior government positions such as Deputy Ministers, Permanent Secretaries, and Deputy Permanent Secretaries and more women have been appointed in the recent Legislative Council term, the challenge remains in formulating ways and policies that can ensure equitable opportunities for women, particularly in creating a pipeline of successors for higher decision making and executive positions as well as to lead businesses and institutions.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

There are no immediate identifiable structural reform needs to enabling women's economic participation because all government policies and programs are implemented without gender discrimination. Nonetheless, Brunei Darussalam remains open to learning the best practices of other economies and continuously review and improve current policies, where necessary, to support women's economic empowerment. On this note, a study on the development of women is in the pipeline to study the current state of play of women for the formulation of a Plan of Action for women in the economy.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic

empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

In tackling unemployment, the Manpower Planning and Employment Council⁶ (MPEC) introduced a number of programs as follows:

- a. The i-Ready program is an 18 months' apprenticeship program introduced in April 2017. The objective of the program is to increase the employability and marketability of local jobseekers from TVET, HND, and Bachelor's Degree qualification levels through on-the-job training as well as work experiential learning. As of March 2020, the program has enrolled 2,497 graduates (61% are women), where 56% of 946 that have already secured full-time employment are women.
- b. The Upskilling and Reskilling Program which encourages the workforce to continue in developing themselves in various fields of courses including Hospitality and Tourism, ICT, Data Science and Research, Human Resources, and Employability Skills. This is an opportunity for job seekers and employees in the private sector to be continuously skilled and reskilled. Under this program, the training cost of participants including professional courses cost will be borne by the Government.
- c. A youth entrepreneurship program that includes single mothers as one of its target audience group was endorsed recently. The program aims to generate successful business owners. A follow-up support system after the program ends will be in place to realize this goal and it is set to be completed and launched within the year 2020.

The Community Development Department, under the Ministry of Culture, Youth and Sports introduced the Self-Reliance Scheme since June 2006 and started the implementation of a few other programs in 2016 with similar objectives. The programs are BKB 100 (*Bantuan Kebajikan Bulanan* 100 or Monthly Welfare Assistance 100), Employment Plan, Small Business from Home, and also Innovation Visionary Youth Programme. One of the objectives of the programs is to empower women and to help alleviate their financial burden and change the crutch-mentality of welfare recipients by reducing their dependence on welfare benefits to support their livelihood and by stimulating a culture of self-reliance and self-sustenance. The targeted group consists of the poor and needy with inadequate income; the unemployed and those with limited income-generating skills as well as entrepreneurial willpower.

The TEKAD (*Teguhkan Ekonomi Keluarga Asas Berdikari* or Strengthen the Foundation of Family Economic Self-Reliance) program has also been implemented. The program aims to empower "able-bodied and able to work" welfare recipients (25-30 years old) through collaborations with private companies. As of now, 100 welfare recipients have joined the program, in which half of them are women and 14 people have secured employment.

Promoting women's involvement in the 'Local Government' through *Majlis Perundingan Kampung* (Village Consultative Council) and *Majlis Perundingan Mukim* (Sub-District Consultative Council) activities with the establishment of women's bureau under the

⁶ An economy-wide manpower council established on 18th November 2019 comprising of several ministers and deputy ministers whose mission is to ensure effective manpower planning with alignment to employability and employment.

councils. Whereby the roles of the Councils are to strengthen the effectiveness of the Head of *Mukim* (Sub-District) and Village leaders as the core of grassroots leadership; to promote good citizenship, and; to plan and implement plans for the well-being of the people and residents.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Support for Mothers. The Maternity Leave Regulation⁷ was introduced in January 2011 and resulted in the extension of 105 days of maternity leave as opposed to 56 days pre-2011. The Regulation also states that employers may not terminate the employment of women employees while they are on maternity leave. This ensures women on maternity leave are guaranteed employment upon their return to work and also given sufficient time to recover. Thus, the Regulation provides better postnatal and family care which enables women's full and equal participation in the economy post-delivery. It is also an opportunity for working mothers to have a work-life balance.

To further support mothers, in 2017, a new scheme was introduced by the Ministry of Health to provide free diapers for new-born and breast pumps for new mothers. On 1st November 2018, the Authority of Building Control and Construction Industry, under the Ministry of Development introduced guidelines which accommodates women's childcare requirement in new building design approval such as the provision of breastfeeding room. This is also in support of the Ministry of Health target in achieving 6 months of exclusively breastfeeding by 2025.

Compulsory Education Act⁸ and Free Education for All Citizens of Brunei Darussalam.

Every child above the age of 6 is obligated to attend school under the Compulsory Education Act Revised Edition 2011. A policy of providing a minimum of 12 years of free education under the Ministry of Education supplements the aforementioned act. This, in turn, has shown only a slight difference in the proportion of female and male students with primary education and below, and secondary education. In terms of educational attainment, the percentage of women with tertiary and technical & vocational education background (TVET) is higher than men by 9% for tertiary education and 1% for technical & vocational. Free education for all is a key component for Brunei Darussalam's successful and continuous development.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

Brunei Darussalam's labor market data is measured through the Labor Force Survey (LFS) conducted by the Department of Economic Planning and Statistics (DEPS), Ministry of Finance and Economy. The LFS was initially conducted every 5 years, however starting 2017, the LFS has been improvised and reported on a yearly basis. The LFS summary report includes the labor force participation rate, educational attainment, number of employed and unemployed persons,

⁷ The Regulation can be downloaded at <http://www.pmo.gov.bn/lists/2010%20pmo%20news/allitems.aspx>

⁸ The Order can be downloaded at http://www.agc.gov.bn/AGC%20Images/LAWS/ACT_PDF/cap211.pdf

youth unemployment, employed population by occupation and type of economic activity. The data can also be broken down according to gender for comprehensive analysis.

Other forms of monitoring include censuses conducted by DEPS such as the Economic Census (every 5 years), and the more up-to-date Annual Census of Enterprises (ACE) which look at employment of women and share of economic activities⁹.

However, there has yet to be an official reporting on working mothers and active women entrepreneurs across the economy in order to have a deep insight into the overall women's economic participation. Thus, the lack of comprehensive sex-disaggregated data in Brunei Darussalam can pose a challenge towards identifying much-needed policy interventions, especially in relation to women's participation and contribution towards economic activities in Brunei Darussalam. On this note, the Plan of Action for Women, mentioned in the answer to Question 2, will look into the collection of comprehensive data on women in the economy.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

APEC has an important role to play, not only as a platform that brings together the shared best practices of 21 member economies spanning across the globe but also in providing valuable expertise and resources through its Policy Support Unit to support women's empowerment. One way to do so is by developing an assessment tool (survey) to assess the gap in the different areas from social, financial, and technological empowerment to recommend improvements. Additionally, APEC could also serve as a platform to gain accessibility and increase opportunities for employment such as Professional Qualification Standards and Mutual Recognition Agreement for selected sectors such as IT, Data Sciences, and Finance.

APEC should continue to provide a platform for women networks, and awards and recognition while ensuring women-participation. The annual APEC CEO Summit, considered as one of the most influential meetings of business and government leaders in the Asia Pacific, can be a significant platform to help push the agenda of women's economic empowerment further. Brunei Darussalam has experienced the value of the APEC platform when co-hosting the APEC SME Online-to-Offline Forum in 2018 which provided exposure and networks for startups and investors and sharing of best practices on digital transformation through expert panels, including our own women entrepreneurs. Brunei Darussalam has also witnessed women entrepreneurs breaking the glass ceiling with the likes of an e-commerce boutique NAFORRÉR recognized as a role model Born Global SME in an APEC study whilst tech provider Tyne Solutions being awarded the Special Prize at the 2016 APEC BEST Awards in Peru for its Travel ASEAN presentation.

In relation to e-commerce development, APEC's ongoing work on the digital economy should be placed at enhancing access to the digital platform to reach domestic, regional, and international markets for MSMEs, including those fronted by women. In this regard, APEC should actively promote the utilization of APEC led online platforms such as MondeB2B¹⁰ and MSME Marketplace.

⁹ The data, including the LFS, can be downloaded at <http://www.deps.gov.bn/SitePages/National%20Statistics.aspx>

¹⁰ APEC Business Advisory Council of Brunei Darussalam has co-championed with Chile on an APEC collaboration for the launch of a B2B online transaction platform, MondeB2B, to provide a breakthrough solution for Brunei Darussalam and regional MSMEs to export.

CANADA

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

A main driving force of women’s economic prosperity and growth has been the increased participation of women in the labor market. In 2019, women represented 48 percent of the Canadian labor force. They have made inroads into some well-paid professions such as medicine and law, and gained ground in their representation at the highest levels of economic and political life, thanks, in large part, to the best educational attainment record among women in OECD members. However, despite these advances, significant systemic and structural barriers remain to women’s full and equal participation in the Canadian economy. Several factors can contribute to gender inequality in the workplace (which are exacerbated for women in non-traditional industries) such as: social norms related to the roles of women within the family and the workplace, discrimination and gender bias, availability, affordability and quality of childcare services; caregiving responsibilities; workplace culture and corporate policies; and violence and harassment in the workplace.

In this context, there remain labor-market gaps with men, both in terms of employment rates and wages, and the need for a better gender balance across occupations (including in STEM professions).

The Government of Canada has been taking steps to address the root causes of women’s economic vulnerability through various initiatives to support increased women’s participation in the workforce. Efforts have also focused on reducing barriers and increase the participation of women in entrepreneurship since fewer than 16 percent of small and medium sized businesses in Canada are majority women-owned.

2. Structural reform needs: What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

Despite achievements related to Canada’s ambitious feminist agenda, significant challenges remain in addressing the socio-economic gaps experienced by diverse groups of people, such as marginalized women, Indigenous Peoples, and LGBTQ2 peoples. These challenges include barriers to full economic participation of marginalized communities. The challenges become more acute as other identity factors such as race, class, age, education, ability, sexual orientation, and gender identity and expression are taken into consideration. Over the next five years, it is expected that the federal government will continue the work set out in the Gender Results Framework to bridge gender disparities.

Education and Skills Development: Everyone should have the opportunity to make choices about their education based on their interests, aptitudes, and economic goals without being constrained by gender-related expectations or prejudices. The Government of Canada will continue to focus on skills development policies and programs that allow women, among other groups, to realize these choices and enhance their prospects of economic inclusion. For a

complete list of Canada’s key education and skills development initiatives, please follow this link: <https://cfc-swc.gc.ca/grf-crrg/education-en.html>

Economic Participation and Prosperity: Increasing the labour force participation rates of women, and marginalized people more generally, requires an understanding of the different needs and barriers faced by more vulnerable groups, such as single parents, older women, women living with disabilities, newcomer women, racialized women, Indigenous women, and people of all sexual orientations and gender identities and expressions. Moving forward, the federal government will continue to provide support to improve women’s economic participation and gender equality. For a complete list of Canada’s economic participation and prosperity initiatives, please follow this link: <https://cfc-swc.gc.ca/grf-crrg/economic-economique-en.html>

Leadership and Democratic Participation: Women make up 48 per cent of the Canadian workforce but hold approximately 23 per cent of the board seats in Canada’s Financial Post 500 companies. Gender equality and diversity in positions of leadership is associated with better management and decision-making, increased availability of skilled employees, stronger employee engagement, and higher productivity. The federal government is committed to improving diversity in leadership and democratic participation and will continue to work on improving gender equality in leadership roles and democratic participation. For a complete list of Canada’s initiatives in this area, please follow this link: <https://cfc-swc.gc.ca/grf-crrg/leadership-en.html>.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

In recent years, the Government has made historic investments in the Women’s Program , including \$100M over five years to support capacity-building of women’s organizations and Indigenous organizations working for Indigenous women’s equality, and \$160M over five years to tackle systemic barriers impeding women’s economic participation, while recognizing and addressing the diverse experiences of gender inequality across Canada.

Early Learning and Child Care: To facilitate parents’ return to work, the Government of Canada is supporting the creation of affordable, high-quality child care spaces for low and modest income families. The Federal Government has also committed to providing more accessible and affordable childcare, including the creation of a secretariat that will lay the groundwork for a pan-Canadian childcare system.

Skills Trades: The Government of Canada makes significant investments in apprenticeships through the Red Seal program and a variety of supports for apprentices. These include grants, loans, tax credits and Employment Insurance benefits during in-school training. The new Apprenticeship Incentive Grant for Women was announced on December 11, 2018, with an investment of approximately \$20 million over five years, to support women to enter, progress, and complete their apprenticeship training in Red Seal trades where they are underrepresented.

Women in STEM: Through the Student Work Placement Program which launched in 2017, the Government of Canada is investing \$73 million over four years, to support the creation of up to 10,000 paid student work placements, in high-demand fields for students enrolled in STEM and business programs.

Women Entrepreneurship Strategy (WES): Launched in 2018, WES is a \$2 billion investment that aims to double the number of women-owned businesses by 2025 which aims to increase women-owned businesses' access to the financing, talent, networks and expertise they need to start up, scale up and access new markets. It is designed to boost economic growth, and create jobs by improving women's access to financing, talent, networks, and expertise.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

To promote women's economic participation and prosperity, the Government introduced the Pay Equity Act, which will establish a proactive pay equity regime for the federally regulated private and public sectors. The Pay Equity Act received Royal Assent in December 2018 and will come into force once necessary regulations are in place. The Pay Equity Act will apply to all federally regulated employers with 10 or more employees, including the federally regulated private sector, the federal public service, as well as the offices of Canada's highest authorities. See: <https://laws-lois.justice.gc.ca/eng/acts/P-4.2/page-1.html>

In Budget 2018, the Government of Canada also announced funding to implement pay transparency for federally regulated employers. This will require federally regulated private-sector employers covered by the Employment Equity Act to report any existing wage-gaps within their companies for women, Indigenous Peoples, persons living with disabilities, and racialized persons. The federal government is working to amend the Employment Equity Act and its regulations to refine the way salary information is calculated and reported by federally regulated private-sector employers. The online application that collects and publishes employer data will also be updated to ensure the information is posted in a more user-friendly format.

In addition, the Government of Canada amended the Canada Labor Code (Code) to give employees in the federally regulated private sector the right to request flexible work arrangements from their employer, such as flexible start and finish times and the ability to work from home. Recent amendments to Part III of the Code enhanced labor standards protections for these and other federally regulated private sector employees in order to ensure that they have a robust and modern set of federal labor standards. See: <https://www.canada.ca/en/employment-social-development/news/2018/10/backgrounder-modernizing-labour-standards.html>

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

Introduced in Budget 2018, the Gender Results Framework represents the Government of Canada's vision for gender equality, highlighting the key issues. It is a whole-of government tool designed to: 1) Track how Canada is currently performing on its commitment to advance gender equality through investments in key programs; 2) Define what is needed to achieve greater equality and 3) Determine how progress will be measured going forward <https://cfc-swc.gc.ca/grf-crrg/index-en.html>.

While the Government of Canada has bolstered the systematic use of Gender-based Analysis Plus (GBA+) for evidence-based federal policies and initiatives, some gaps in data related to gender, race, sexual orientation, and other intersecting identities exist. To address these data gaps, the federal government continues to modernize its approach to collecting and producing statistics by, for example, increasingly acquiring, integrating, and making use of existing data from a variety of administrative sources, adding relevant questions to existing surveys, developing new surveys, and supporting community-driven approaches to collecting data (e.g., with Indigenous Peoples). As filling data gaps related to gender involves both data collection and its accessibility, Canada has improved access to existing data and analysis through the creation of centralized online tool and the publication of numerous gender-related reports. This includes the launch of the Centre for Gender, Diversity and Inclusion Statistics Hub in September 2018. <https://www.statcan.gc.ca/eng/topics-start/gender-diversity-and-inclusion>

In Budget 2019, the federal government also announced funding to the Treasury Board Secretariat and Employment and Social Development Canada to help bolster capacity to better collect administrative data and measure, monitor and address gender disparity.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

Continue to: 1) be a forum for the exchange of information and best practices to promote women’s economic empowerment in the region as this supports the economic growth and prosperity of each Economy; 2) work cooperatively with other international bodies supporting women’s empowerment such as the UN Commission on the Status of Women and; 3) support the production and analysis of high-quality evidence on the impact of social and economic reforms on women’s economic participation and well-being, using robust research-based approaches such as cross-economy impact assessments, longitudinal analyses, cases studies, etc.

CHILE

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Domestic responsibilities. Women spend, on average, three hours per day on unpaid domestic duties, while men spend only an hour and a half. Differences between men and women are one of the main barriers to increasing female labour participation and generating income. In addition, the limited access to high-quality public childcare and other forms of care for the elderly and people with disabilities is also a barrier.

Legal barriers. The existence of art. 203 of the Chilean Labour Code requiring firms with 20 or more female employees to provide childcare services to all children aged two years or younger. Chile continues to have legal frameworks that discriminate women in the workplace. For example, the existence of art. 203 of the Chilean Labour Code creates an adverse incentive for companies to cap the number of women employees at under 20. There is currently a bill being discussed in Congress to provide universal day-care services for women, and thus eliminate one of the barriers to hiring women.

Limited access to flexible work arrangements.

Immigrant women are a subpopulation that faces additional barriers. During the last decade, Chile has seen a sustained increase of migrant arrivals, peaking in 2018. Because migration increased regularization suddenly may be a slow process for some of those migrant women, making them face difficulties such as lack of access to public services, which exposes them to greater vulnerability and increased difficulties in accessing the labour market.

Notes:

- CNP (2017). Mujeres en el Mundo Laboral: Más Oportunidades, Crecimiento y Bienestar. Recomendaciones de la Comisión Nacional de Productividad para aumentar la Participación Laboral Femenina en Chile. Septiembre 2017.
- Comunidad Mujer. (2016). Executive Summary. GET Report, Gender, Education and Labor: A Persistent Gap. First research on gender inequality throughout women life cycle. A review of the last 25 years. Chile.
- OECD (2018). Economic Survey Chile, February.

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

In recent decades, Chile has reduced gender gaps in many areas, including educational achievement and health outcomes. However, significant gender gaps persist, especially in labour force participation and income disparity.

To address gender gaps and mainstream change across public entities, in 2016, Chile creates the Ministry of Women and Gender Equity in replace of the National Women’s Agency (SERNAM). This new Institutionality provides the tools to strengthen state policies dedicated to eliminating all forms of discrimination against women.

Chile’s main (top 2-3) structural reform needs or policy gaps:

1. Access to childcare to working parents (mothers and fathers).
2. Promotion of co-responsibility in childcare and conciliation of it with a working career.
 - Legislation preventing universal day care access for all employed women. Chile’s labour code only forces employers to finance access to day care services for women when 20 or more women are employed at any given company. A bill is being discussed in Congress to provide universal day care services for women with children up to two years old.
3. Increase women's access to financial services¹.
 - Some studies show gaps women face in comparison to men in terms of access to financial products and credit conditions in the Chilean banking sector. Non-discrimination, based on gender or marital status, is part of Chile's challenges if we want to close the gender gap.

Currently, the government has presented to the Congress the following initiatives to address the structural reform needs previously mentioned:

- Universal childcare provision bill².
- Bill that modifies the Labour Code to introduce flexible work arrangements³.
- Bill that amends the Labour Code to promote the conciliation of work and family life and social inclusion⁴.

Notes:

(1) 2016 Report “Gender in the Financial System”, Superintendency of Banks and Financial Institutions of Chile (SBIF).

(2) Proyecto de ley que crea el beneficio social de educación en el nivel de sala cuna, financiado por un Fondo Solidario, Boletín N°12.026-13.

(3) Proyecto de ley que modifica el Código del Trabajo en material de trabajo a distancia, Boletín N°12.008-13.

(4) Proyecto de ley sobre modernización laboral para la conciliación, familia e inclusión, Boletín N°12.618-13.

- CNP (2017). Mujeres en el Mundo Laboral: Más Oportunidades, Crecimiento y Bienestar. Recomendaciones de la Comisión Nacional de Productividad para aumentar la Participación Laboral Femenina en Chile. Septiembre 2017.
- Comunidad Mujer. (2016). Executive Summary. GET Report, Gender, Education and Labor: A Persistent Gap. First research on gender inequality throughout women life cycle. A review of the last 25 years. Chile.
- OECD (2018). Economic Survey Chile, February.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

In order to enhance the participation of women in leadership positions and contribute to close the wage gender gap, in 2018 the Ministry of Women and Gender Equity, launched the *Registro*

de Mujeres para Directorios, an online platform designed to make visible women who are willing to hold top-level management positions and meet certain criteria. This information will also be available for companies and head-hunters who are in a recruiting process.¹

To promote the labour participation of women from the most vulnerable families, in 2012 *Bono al Trabajo de la Mujer*² was created, a government-funded subsidy for hiring women. According to this, the employer receives one-third of the grant for 24 months, while female employees, who meet certain eligibility requirements (including age and socioeconomic status), receive the other two-thirds of the benefit for four consecutive years. The amount of the benefit varies according to the worker's wage.³

In order to eliminate gender gaps in science, technology, engineering and mathematics, in 2019, SAGA⁴ was implemented in Chile, a UNESCO global project that contributes to the promotion of women and girls in STEM by supporting key stakeholders in the design and implementation of STI policies for gender equality.

ProChile is an institution of the Ministry of Foreign Affairs in charge of promoting the exportable supply of Chilean goods and services. The institution has various programs. One of them is MUJEREXPORTA, which aims to promote, develop and strengthen the work of export companies led by women through different actions aimed at incorporating them into international trade, thus improving equality levels of gender.

Notes:

(1) For more information about this initiative, please visit the following link (in Spanish):

– https://minmujeryeg.gob.cl/?page_id=30263

(2) and (3) For more information about this initiative, please visit the following links (in Spanish):

– <https://sence.gob.cl/subsidio/bono-al-trabajo-de-la-mujer>

– <https://www.chileatiende.gob.cl/fichas/12725-bono-al-trabajo-de-la-mujer>

– Law N° 20.595, creating a conditional cash transference program (Ingreso Ético Familiar). In Spanish: *Ley N°20.595, que crea el Ingreso Ético Familiar que establece bonos y transferencias condicionadas para las familias de pobreza extrema y crea el Subsidio al Empleo de la Mujer.* <https://www.leychile.cl/Navegar?idNorma=1040157>

(4) For more information about SAGA project in Chile, please visit: <https://en.unesco.org/saga>

4. Leading practices: Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Among the structural reforms regarding women's economic participation that Chile has implemented over the period 2010-2020, we consider the following as the most effective to enabling women's full and equal participation in the economy:

The Maternal Leave Reform, which in 2011 extended the paid maternal leave to 24 weeks, giving the possibility of transferring part of this entitlement to fathers depending on the work scheme chosen by the mother: 6 weeks if mothers use the 12 weeks on a full-time job basis or 12 weeks if mothers use 18 weeks on a part-time job basis.¹

The Ingreso Ético Familiar, a program of conditional cash transfers targeted to low-income groups, that in 2012 created the *Bono al Trabajo de la Mujer* consisting in a government-funded subsidy for hiring women of low-income groups (for more details see item 3).²

These reforms are important since they had granted incentives to promote the active participation of women in the labour market. In the case of the extension of maternal leave, it is targeted to increase the number of women who benefit from maternity protection, facilitate the reconciliation of work and family for both men and women, and promote the participation of both parents in the upbringing and care of children. In the case of the *Bono al Trabajo de la Mujer* it is intended to foster the employability of women from the most vulnerable groups.

Notes:

(1) For more information about this initiative, please visit the following link (in Spanish):

- Law N° 20.545, reforming the maternal leave system. In Spanish: *Ley N° 20.545, Modifica las normas sobre protección a la maternidad e incorpora el permiso postnatal parental*
<https://www.leychile.cl/Navegar?idNorma=1030936>

(2) For more information about this initiative, please visit the following links (in Spanish):

- <https://sence.gob.cl/subsidio/bono-al-trabajo-de-la-mujer>
- <https://www.chileatiende.gob.cl/fichas/12725-bono-al-trabajo-de-la-mujer>
- Law N° 20.595, creating a conditional cash transference program (Ingreso Ético Familiar). In Spanish: *Ley N°20.595, que crea el Ingreso Ético Familiar que establece bonos y transferencias condicionadas para las familias de pobreza extrema y crea el Subsidio al Empleo de la Mujer.*
- <https://www.leychile.cl/Navegar?idNorma=1040157>

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

Chile currently aggregates data on gender through the Subcommittee on Gender Statistics, coordinated by the National Statistics Institute and the Ministry of Women and Gender Equality, in order to make available to citizens a set of prioritized gender indicators that are produced in the different ministries. The measurement of these indicators seeks to support the formulation processes of public policies with a gender perspective and for gender equality.

A separate policy that has helped measure gender data is the program for management improvement. This tool is designed to help improve outcomes within the public sector by setting goals and targets associated with economic incentives. Since 2014, this system has reached 194 institutions and impacts 87 thousand public sector employees. When ministries achieve 90% or more of their goals within a year, employees see about an 8% increase in their salaries. One of the mandatory indicators within the program is the incorporation of a gender approach within each unit's programs and policies. This management system has allowed us to identify gender gaps and needs across all public institutions, and fostered the production of gendered data and reports, as ministries and agencies are required to monitor their commitments and are held accountable for fulfilling them. The Ministry of Women serves as the technical counterpart, carrying out the monitoring and evaluation, along with the National Budget Office, that relies heavily on the system for the design, assignment and evaluation of gender-related budgets.

The following data sources can be used to measure women's economic participation:

- National Employment Survey (*Encuesta Nacional de Empleo*): provide estimates of employment, unemployment and, participation rates, by sex, age, occupation, and other

- categories; economy-wide level representation, monthly frequency. Source: <https://www.ine.cl/estadisticas/sociales/mercado-laboral/ocupacion-y-desocupacion>
- Complementary Income Survey (*Encuesta Suplementaria de Ingresos*): provides estimates of monthly earnings by sex, age, occupational group and other categories; yearly frequency. Source: <https://www.ine.cl/estadisticas/sociales/ingresos-y-gastos/encuesta-suplementaria-de-ingresos>
 - Unemployment Insurance Database (*Base del Seguro de Cesantía*): provides information on monthly earnings for formal workers affiliated to the Unemployment Insurance since October 2002 to the present, monthly frequency.
 - List of women in top-level management positions (*Registro de Mujeres para Directorios*), Ministry of Women and Gender Equity: https://minmujeryeg.gob.cl/?page_id=30233
 - *Ranking de Mujeres en la Alta Dirección*, elaborated by Comunidad Mujer since 2016. <http://www.comunidadmujer.cl/estudios/ranking-mujeres-alta-direccion/>

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC plays an important role in promoting women’s economic empowerment in the region. This issue has gained significant momentum over the last few years, as economies have placed particular emphasis on women’s economic situation. Chile was a pioneer in naming ‘Women, SMEs and Inclusive Growth’ as one of its priorities for its host year in 2019. This resulted in a high number of instances where different groups could interact and discuss how their initiatives impacted women’s access to the economy.

These efforts gained momentum with the endorsement of the La Serena Roadmap for Women and Inclusive growth. This unprecedented initiative encourages bold and sustained collective action to increase the participation of women in the economy and further gender equality within APEC. With a 2030 timeframe, the Roadmap offers economies to actively promote and lead initiatives that address existing barriers such as improving access to capital, markets, and leadership positions; and supporting women’s education, while emphasizing data collection and analysis.

Also, APEC economies’ social and cultural diversity proves useful when learning about initiatives and programs that have helped improve women’s economic empowerment in the region. The multiple and diverse challenges that each economy faces are beneficial knowledge for others, as an economy will gain insight from another’s experience. APEC’s focus on the capacity building allows for knowledge transfers that would enable economies to build on other’s expertise when implementing and designing new programs and initiatives.

CHINA

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

China always upholds the concept that “women are indispensable builders of the economy” and attaches importance to promoting and supporting women’s participation in economic activities. Currently, China has enacted laws such as the Labour Law, the Employment Promotion Law, the Labour Contract Law and the Rural Land Contract Law to ensure equal pay to men and women for equal work and eliminate gender discrimination in employment, which provides legal guarantee for women’s economic rights and interests, especially equal rights to employment. Statistics show that the proportion of female employees in China’s total was 43.7% in 2018, 0.2 percent points higher over the previous year. This is a relatively high proportion globally, reflecting higher engagement of Chinese women in economic activities.

However, it should be noted that women still face barriers and challenges to their economic participation. These barriers and challenges are the results of two factors: firstly, women, in some areas, especially in rural regions, are expected in the traditional culture to play a greater role in family; secondly, quite a few women face challenges such as delayed promotion and employment discrimination due to childbearing.

In addition, some special groups of women face other challenges. For example, in the process of economic restructuring, the shutdown of apparel and commodities markets as a result of the transformation of low-end services will have some impacts on less-skilled women; and women at childbearing age tend to face implicit employment discrimination.

2. Structural reform needs: What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

China still needs to strengthen structural reforms to promote women’s economic participation. Firstly, China needs to strengthen social security system to cope with the challenge on women brought by ending of one-child policy. Secondly, systematic training and support for women’s employment should also be improved. Employment training and support for women should be more systematic and targeted. Short-term or staged training in a specific area should be integrated into career training in order to achieve the normalization and institutionalization of training.

To address these problems, the Chinese government has successively unveiled corresponding measures in recent years, which facilitate women’s economic participation. For example, China allows later retirement for women and extension of maternity, parental and paternity leaves. In 2019, the State Council released relevant documents which proposed to develop care services for infants aged 0-3 years, promote inclusive pre-school education, and subsidize private educational institutions while restricting overcharge, to ensure that more needy families can enjoy relevant preferential policies. The All-China Women’s Federation (ACWF) has launched

special support programs such as *She Start-ups* and *Mom Handworks*, and organized special actions guiding and promoting mutual assistance and sharing of community childcare services.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Microloans and interest subsidies have been introduced to assist women in starting businesses and finding jobs. China experimented microloans first in rural Shanxi in the 1980s. The experiment was rolled out across China in the mid-1990s and was gradually used to help urban laid-off and unemployed women to start businesses and get employed. In order to further increase the line of credit, extend the term of the loan to arouse the enthusiasm of rural women and urban laid-off and unemployed women for employment and entrepreneurship, the Chinese government issued the policy of improving microloans and granting interest subsidies in 2009, which clearly proposed to raise the ceiling of microloans for women, expand the coverage of microloans from the urban unemployed and people with difficulty in finding jobs to rural women. And women's federations have been engaged into the working system of microloans since then, with special working funding from the government.

The microloans and interest subsidies policy achieved positive results in promoting women's entrepreneurship and employment and increasing women's economic gains. As of December 2018, guaranteed loans of 383,773 million yuan had been granted to 6.56 million women across China, together with interest subsidies of 40,895 million yuan. By combining microloans for women with the development of agriculture, local governments guided women to increase gains, facilitated local industrial restructuring, and improvements in rural living environment. Beyond this, these policies also improved the status of rural women in family and society and alleviated social problems like the well-being of left-behind women and children.

China's National Development and Reform Commission (NDRC) has introduced special policies supporting "Internet plus social services" innovation and entrepreneurship. Social services are one of the priorities of women's employment and community services, in particular, are a main part of re-employment of urban unemployed women. In recent years, with the introduction of the universal two-child policy and the evolution of population aging, social services like home care, health care and housekeeping services present strong labour demand. A large number of women enter these sectors, which create jobs for women migrant workers and urban women. Currently, "Internet plus social services" has become a new model of social services. In order to further promote the development of the new model and provide the working population including women with wider access to the new economy, NDRC issued policy documents on promoting the development of "Internet plus social services" in collaboration with other relevant departments in December 2019. The documents allow the public fund to be used as seed fund in the areas where the market mechanism cannot fully play the role. In addition, the government will encourage venture capital funds and angel investments to increase investment in "Internet plus social services", support qualified "Internet plus social services" enterprises to raise fund in bond market. In April 2020, NDRC further issued relevant documents that encourage local governments to implement demonstration projects which focus on new business models in "Internet plus social services". These projects will offer strong support to the development of social services like housekeeping, elderly and child care, and rural tourism, etc.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have

been most effective to enabling women's full and equal participation in the economy, and why?

Poverty-reduction program tailored for women. China pays great importance to poverty reduction for women, especially women's economic participation and protection of women's rights and interests. Documents such as the *Outline for Development-oriented Poverty Reduction for China's Rural Areas (2011-2020)* and the *Outline of Development of Chinese Women (2011-2020)* list alleviating poverty of women as priorities, guarantee the supply of resources to poor women and support poverty reduction projects among poor women. Public welfare programs such as *Treating Poor Mothers with Breast and Cervical Cancers*, *Affordable Housing for Mothers* and *Mothers' Health Express* have been carried out to help diseased poor women and poor single mothers improve conditions for subsistence and development. China has organized domestic poverty reduction through labour matching for housekeeping services in many cities and villages to assist registered poor women in rural areas with employment. Women's federations have vigorously implemented the targeted *Poverty Reduction Actions for Women*. According to the current rural poverty standard, China's rural poor population decreased from 98.99 million in 2012 to 16.60 million at the end of 2018 and the poverty incidence from 10.2% to 1.7%, and about half of the reduced poor population were women.

Promoting female employment. China has intensified labour protection and expanded areas of women's employment since 2010, constantly improving women's competence in employment and entrepreneurship. It has successively promulgated *The Special Provisions on Labour Protection of Female Employees* and *The Guidelines for Promoting Gender Equality in the Workplace* to drive more and more enterprises to value labour protection of female employees. In 2017, enterprises with measures in this regard accounted for 71.2%, an increase of 35.2 percentage points over 2002. China pursues the *employment first* strategy and energetically promotes equal employment for men and women. In 2019, China issued a regulation that bans six kinds of gender discrimination in employment and strengthen the enforcement by improved supervision. Currently, women account for more than 50% of Internet entrepreneurs in China. Promoting women's employment and relieving women's poverty are important aspects of women's economic empowerment and key parts of the people-centered development concept. The Chinese government has committed to eliminating poverty under the current standard by 2020.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

The Chinese government ensures the monitoring, evaluation and enforcement of the relevant policies in institutional, planning and monitoring aspects. Regarding the institutional aspect, the National Working Committee on Children and Women under State Council performs its functions and organizes, coordinates, guides and urges relevant departments to protect women's rights and interests and promote gender equality and women development. Lots of local governments have set up corresponding agencies and formed a well-connected and coordinated organizational system.

With regard to the planning aspect, promoting women engagement and employment has been put high on the agenda of the overall plans for domestic economic and social development and special plans for different sectors. The 12th and 13th *Five-Year Plans for National Economic*

and Social Development of the People's Republic of China contain special chapters on arrangements for promoting comprehensive development of women. *China's National Human Rights Action Plan* clearly defines the goals and tasks in connection with protecting women's rights and interests. China has promulgated *The Outlines for Women Development* for three consecutive periods since 1995, which brings forward the goals and tasks of women's career development in different stages. In 2019, it launched the drafting of an outline for a new period.

With regard to the monitoring aspect, China has established a sound gender statistics system. China's National Bureau of Statistics has released the *Report on the Statistical Monitoring of the Outline of Development of Chinese Women*, organized regular surveys on *The Social Status of Chinese Women* and published the *Women and Men in China: Facts and Figures*, and *The Statistics on Women and Children in China*, etc.

The Report on the Statistical Monitoring of the Outline of Development of Chinese Women reflects the general situation of Chinese women's economic participation. Main indicators in the report include the proportion of female employees, number of rural poor women, proportion of female directors in the board of directors, proportion of female supervisors in the board of supervisors, proportion of insured women in the insured and number of women covered by unemployment insurance and employment injury insurance. Relevant indicators are published once a year.

There is still room for improvements in the setting and renewal frequency of indicators for statistics of Chinese women's economic participation. For example, some researchers suggest more indicators included, such as women's employment rate or women's labor participation rate, number of statutory parental leave days, number of actual leave days and proportion of enterprises with female directors.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

Women's empowerment is an important area of cooperation for APEC which plays a key role in deepening women's economic empowerment and ensuring comprehensive development of women in the region. APEC can launch cooperation in poverty reduction for women, employment and entrepreneurship, facilitate the development of small and medium-sized enterprises (SMEs), and implement *the La Serena Roadmap for Women and Inclusive Growth* in a balanced manner through policy dialogue and information exchange. More capacity building activities should be tailored to the special needs of developing economies, so that women in these economies can benefit from APEC cooperation and economic growth. For example, APEC may consider launching programs supporting female entrepreneurship in partnership with relevant international organizations and private institutions under relevant mechanisms.

HONG KONG, CHINA

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

In HKC, while the labour force participation rate of female has increased from 48.6% in 2002 to 54.5% in the fourth quarter of 2019, the participation rate is still some 12.5 percentage points lower than that of male. According to the Census and Statistics Department (C&SD), “Engagement in household duties” is still one of the major reasons for economically inactive females aged 15 or above for being economically inactive. A research led by the Women’s Commission (WoC) in 2015 indicated that women in HKC on average spent more time than men on homemaking and home care work, voluntary work and unpaid activities for relatives and friends living apart.

Meanwhile, about 400 000 foreign domestic helpers are currently working in HKC, assisting local families in performing household chores and taking care of their children and elderly members, thereby unleashing the potential of our local labour force and contributing significantly to HKC’s economic development. However, the burden of family obligations remains particularly heavy for women in lower income households.

2. Structural reform needs: What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

The Government is committed to facilitating women to pursue employment and careers of their choice. One of the relevant initiatives is to extend the statutory maternity leave (ML) and statutory paternity leave (PL). The number of statutory PL has increased from 3 days to 5 days since 2019. Meanwhile, the HKC Government has proposed to increase the statutory ML from the current 10 weeks to 14 weeks. To avoid jeopardising the employment opportunities of women, the HKC Government has committed that the additional four weeks’ ML pay would be funded by the HKC Government through reimbursement. The proposal is currently undergoing legislative process.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Strengthening training services. Enhancing women employability to join or rejoin the employment market fosters women’s economic participation. The Employees Retraining Board (ERB), an independent statutory body of HKC, offers a wide range of training and retraining programmes and services to meet the market’s changing needs. Currently, more than 80% of the trainees enrolled in around 700 ERB courses are women. In considering the specific needs of female trainees with family commitments, ERB has provided flexibility for trainees to enrol in specified half-day or evening courses to attain qualifications equivalent to designated full-time courses.

Enhancing childcare support. For childcare services, the HKC Government currently provides about 7,500 places at some 250 aided childcare centres (CCCs) (including standalone CCCs and kindergarten-cum-CCCs). For the long-term development of childcare services, the HKC Government commissioned a Consultancy Study on the Long-Term Development of Childcare Services in December 2016. Making reference to the final report of the Study, the HKC Government proposed a series of measures to strengthen the planning and long-term development of childcare services.

The HKC Government has also introduced the kindergarten (KG) education scheme since the 2017/18 school year to provide direct subsidies to KGs. In principle, the government subsidies should be sufficient for KGs joining the scheme to provide quality half day services. Additional subsidy is provided for participating KGs offering whole-day services so as to enable parents to join the workforce.

WoC Launched a Funding Scheme for Women’s Development. A funding scheme is set up under WoC to provide funding support of HK\$4 million every year to women’s groups and NGOs, helping them organise programmes and activities conducive to women’s development. One of the funding scheme’s themes, "Women's Employment", complements the HKC Government’s work in motivating more women to join the labour force. To date, it has funded more than 110 organisations and 400 projects amounting to HK\$23 million.

4. **Leading practices:** Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

Implemented Gender Mainstreaming. The HKC Government has been implementing gender mainstreaming since 2002. In 2015, the then Chief Executive accepted WoC’s recommendations that, starting from 2015-16, all government bureaux and departments are required to refer to the Gender Mainstreaming Checklist and apply gender mainstreaming in formulating major government policies and initiatives. In the following year, the Gender Mainstreaming Checklist was promoted to NGOs at welfare sector in their formulation of policies and programmes.

In an effort to further promote the concept of gender mainstreaming and raise the awareness of gender-related issues in the business community, WoC has assisted the HKC Government in establishing Gender Focal Point (GFP) networks at various sectors such as NGOs in the social welfare sector and listed companies. The GFP, who is usually a managerial staff in an organisation, is responsible for promoting the Gender Mainstreaming Checklist and the gender mainstreaming concept, and serves as the contact point between the organisation and government on gender-related issues. In addition, WoC has organised a variety of activities to enhance corporate understanding of gender issues and promote the importance of creating an enabling environment for women to unleash their potential in the business community. An example is the lunch-time talk for GFPs among listed companies in 2019 on “Promoting Gender Diversity in Business Setting”.

Implemented Family-friendly Employment Policies and Practices. Family-friendly employment policies and practices (FEPP) refer to policies and practices provided by employers to help employees manage their family responsibilities and cope with the changing circumstances and needs at different stages of their lives by offering flexible and varied work arrangements as well as other forms of support to employees.

To promote FEPP, the HKC Government has been actively encouraging employers to adopt “employee-oriented” good human resource management measures, including family-friendly employment practices to help employees balance their roles and responsibilities in work and family. Examples include flexible work arrangement, granting of leave and provision of support to cater for the family needs of employees, etc. The introduction and extension of paternity leave as a statutory benefit in recent years has enabled eligible male employees to better meet their responsibilities as fathers and eased the burden of mothers. The HKC Government believes that it is vital for women and men to share family responsibilities whilst achieving a better balance between work, family and life.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

With the United Nations Convention on the Elimination of all Forms of Discrimination against Women extended to HKC since 1996, HKC submits regular reports to the United Nations Committee on the Elimination of Discrimination against Women as part of China’s periodic reports. The report helps the HKC Government to benchmark the work on advancing women’s status and protecting women’s right against international standard.

Separately, the C&SD regularly publishes various statistics on female in HKC, which are useful for analysing and monitoring the well-being of female in HKC.

(For details, please visit - <https://www.women.gov.hk/en/publications/statistics.html>)

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC provides a platform for knowledge sharing and cooperation that is conducive to promoting women’s economic empowerment. Through this platform, economies can learn from the experiences of each other and formulate policy initiatives to overcome the many policy gaps, barriers and challenges in their respective contexts.

INDONESIA

- 1. Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

In general, women tend to face greater demands on their time than men vis-à-vis running a business. Women more often than men, have childcare and household responsibilities that limit the time that they can spend running their business.

Patriarchal culture which often lead to discrimination in various ways that affect women’s capacity to manage and expand businesses. These include investment-ready businesses, on both supply and the demand side of finance asserted that, it will contribute greatly to “have a man in the room” to be seriously considered when engaging with future investors¹¹.

- 2. Structural reform needs:** What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

Improving Access to Finance. Improve access for women start-up entrepreneurs to financial services (loans and savings); financial literacy; business advisory services; and improved technology and markets and training and support so they can move from informal to formal sources of finance.

Policy Response:

In 2017 Indonesia launched a social assistance program targeting micro businesses which cannot be facilitated by banks through the People's Business Credit (KUR) program. The Ultra-Micro Financing (UMi) while is not specifically targeting women, however 90% of customers are women entrepreneurs. UMi (umi.id) provides a maximum loan of IDR 10 million (USD 700) per customer and is financed by 3 Non-Banking Financial Institutions. In August 2019, over IDR 2.7 Trillion has been distributed to its 977 thousand customers. Government also provides hands on managerial and financial training.

PT Permodalan Nasional Madani (PNM) – has also initiated the establishment of Mekaar Program, a state-owned financing product targeting the pre-prosperous micro business sector since 2016. Mekaar is considered as the nearest to the poor, since the program is targeted poor productive women with a credit amount of only IDR 2 million or IDR 3 million (US\$150-220) per person for 54 weeks. Beneficiaries of Mekaar reached more than 4 million in 2018¹².

National Strategy on Improving Financial Literacy & Inclusion. In 2016, the government initiated the National Strategy on Financial Inclusion to improve access to financial services, to foster inclusive economic growth and to reduce inequalities between individuals and

¹¹ UNDP 2017, Women’s Entrepreneurship and Access to Finance: Challenges and Opportunities of Women-led Social Enterprise in Indonesia

¹² PNM Annual Report 2018

between regions. The economy-wide survey conducted in 2019, reveals that the program successfully reach its targets to increase financial literacy from 29.7% in 2016 to 38.03% in 2019 and from 67.8% in 2016 to 76.19% in 2019 on Financial Inclusion. The survey was also gender disaggregated. It shows that women are more financially literate and inclusive in 2019 by 36.3% and 75.15%, respectively, compared to 25.5% and 67.8% in 2016.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Indonesia is continuing efforts to encourage women to work on STEM with the assistance from local community groups. These groups, such as STEM with Her (Jakarta), Femme in STEM (Bandung, West Java), Jakarta Society of Women Engineers (Jakarta SWE) and West Nusa Tenggara Society of Women Engineers (NTB SWE) have been conducting a wide variety of programs such as a female role showcase, workshops, or hands-on experience with the aim to encourage active participation and stimulates analytical thinking.

In 2016, the government launched the 3 Ends Program: (i) End Violence Against Women and Children; (ii) End Human Trafficking; and (iii) End Barriers to Economic Justice. Which then translated into several focus areas, among others: central government provides technical assistance in developing gender responsive for budget/activities/programs for regional governments; and to implement a mandatory obligation for government to conduct training/technical assistance to women entrepreneur.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Peace Village Initiative. The Peace Village initiative aims to tackle the threat of radicalism by empowering communities, through promoting social cohesion, community resilience, as well as promoting societal equality and respect for diversity.

This initiative puts Prevention of Violent Extremism (PVE) strategic vision into very concrete action. It employs a well-crafted approach combining three vital components in building enduring resilience in the community: economic improvement, peace building social mechanism and women empowerment.

Peace Village purposefully places women as the main actors in building peace in the family, community and local governance. Women are engaged to foster their abilities to become economically independent, to be actively participate in communal decision making and to creatively develop peace narratives.

Leveraging digital technology for microfinancing and managing business. Since 2018, Government in cooperation with 3 e-money platforms (GoPay, T-Cash, T-Money) and 1 marketplace platform (Bukalapak), has begun to implement cashless payment and e-money. This program is also a strategic step to accelerate financial inclusion, by providing infrastructure that supports financial inclusion and financial literacy for the community. In addition, the technology will record transactions electronically, so that the Government may be able to assess and evaluate spending patterns and transactions.

Mobile application-based management. Aruna and Eragano, to name a few, are mobile-based applications that support farmers and fisheries workers in providing an end-to-end e-commerce for farms and fisheries products. Through information technology, they seek to improve price information for fairer trade, improve livelihoods for farmers and fisheries workers. Aruna has helped to form fishing groups and cooperatives West Java, Aceh, South Sulawesi, East Kalimantan, and several other areas. They then work directly with the groups to help them use their platform for: i) market intelligence; and ii) improved access to markets. Eragano facilitates market access for agricultural producers, cutting out the middleman and streamlining their connection to buyers. As with Aruna, Eragano addresses market information gaps providing intelligence to producers so that they will have a sense of both what to pay for inputs and the fair market value of their products.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? I.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

Data collected and measured, both quantitatively and qualitatively. Some of indicators are, among others: (i) Gender empowerment index; (ii) Gender Development Index; and (iii) Number of participation from professional institutions, business, media, and religious organizations, community and academics and research institutions in women's empowerment and child protection. These indicators needs to meet targeted objectives set by ministries/agencies and reported annually.

Regular survey conducted by ministries/agencies to evaluate specific data required. For instance, Financial Services Authorities conducted a periodical survey to measure improvement of financial literacy and inclusion.

Lack of gender-disaggregated data. As reported by IFC¹³, banks and financial institutions rarely collected gender-disaggregated data in which may limit the ability to design and promote women-focused financial services and monitor uptake and impact.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

APEC is an ideal forum to share best practices and conduct studies in cooperation with other related international fora on women empowerment, vocational training, and women participation in the economy, especially how to measure, support/facilitate, and regulate gender responsive policy in economic development.

APEC need to underlines different approach, perspectives, progress and variety of cultural backgrounds in addressing women empowerment among economies.

¹³ International Finance Corporation, Women-Owned SMEs in Indonesia: A Golden Opportunity for Local Financial Institutions, (Washington DC, International Finance Corporation, 2016)

JAPAN

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

The challenges women face include the fixed gender stereotypes developed through the high economic growth era that lead to women shouldering disproportionate burden of household chores, child-rearing and caregiving, as well as the men-oriented working practices, including long working hours, that make it difficult to balance work with family responsibilities while fulfilling their full potential. Women in poverty, with disabilities and/or the elderly women face greater challenges.

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Women represent half of Japan's population and account for more than 40% of the total labor force, playing an important role in sectors including politics, economy and society. Promoting women's participation is important for Japan's continuous development, and advancement of women in leadership enhances corporate competitiveness. However, Japan's employment rate for women in child-rearing, and the portion of women in management positions had long remained low. In 2015, the government implemented the **Act on the Promotion of Female Participation and Career Advancement in the Workplace** (hereinafter referred to as the **Act on the Promotion of Female Participation**), with the aim of promoting women's participation in the workforce, and realizing a wealthy and vibrant society. This Act obliges employers, including companies and local authorities, to develop action plans on women's participation and advancement, and make them public. The initiatives, in accordance with the Act, also include the central government and independent administrative agencies providing preferential treatment (i.e. increased opportunities) in the process of public procurements to corporations that excel in promoting a work-life balance.

Furthermore, the **Act on the Arrangement of Related Acts to Promote Work Style Reform** – a comprehensive work-style reform package that bundles together amendments to eight labor laws, one of which sets punitive cap on overtime hours – was enacted in 2018 to reform Japan's work practices premising long working hours.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

The Cabinet Office has brought together support organizations, including companies, universities, academic societies and other institutions that promote initiatives to develop female scientists and engineers and has organized a support network for female science and technology students that consists of organizations that are proactively taking measures. Information on events hosted by such organizations and messages from female scientists are provided on a

dedicated website. In addition, women who are active in science and engineering have been appointed as “STEM Girls Ambassadors.” In FY2019, the Ambassadors delivered lectures in 10 cities across Japan, with cooperation from relevant local governments. As the initiative also aims to support employment in local communities, additional measures have been taken, such as sharing case studies of women’s participation and advancement in local companies.

4. **Leading practices:** Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

Adoption of the Act on the Promotion of Female Participation and Career Advancement in the Workplace. To facilitate women’s participation and advancement in the workplace, the Act on the Promotion of Female Participation and Career Advancement in the Workplace was enacted in 2015 and enforced from in April 2016. Under the Act, the central and local governments and private enterprises with 301 or more permanent employees are required to develop and announce an action plan based on their understanding of the situation concerning the status of their female employees and an analysis of problems as well as to publish information concerning the promotion of women.

As of December 31, 2019, all central government authorities, prefectures and municipalities had an action plan in place, while 98.6% of private enterprises with a permanent workforce of 301 or more had prepared an action plan as of September 30, 2019.

Given that almost all the employers required to prepare an action plan had fulfilled this requirement, the Act on the Promotion of Female Participation and Career Advancement in the Workplace was revised in 2019 to further accelerate the efforts to facilitate the promotion of women in the workplace. The revised Act has (i) expanded the scope of the employers required to prepare an action plan and publish information (to include private enterprises with 101 or more permanent employees from those with 301 or more permanent employees) and (ii) expanded and strengthened the scope of the employers required to publish information on the promotion of women. (The revised Act came into effect on 1 June, 2020, and the expansion of scope of private enterprises will take effect on 1 April, 2022.)

Support for life-work balance through several revisions on the “Childcare and Family Care Leave law”, as well as development of childcare facilities. Harmonizing work with other aspects of life through diverse and flexible work-styles tailored to life events and men’s participation in parenting and the caring for people who need nursing care as partners are urgent issues to be addressed to enable women to remain in the workforce if they so wish without being forced to choose between either work or parenting/caregiving responsibilities, and to make meaningful contributions.

Under the seniority-based compensation system that tends to place emphasis on the length of employment, there still remain working style that presuppose work-styles mainly tailored to men, who are expected as a matter of course to accept long working hours and job transfers requiring relocations. These are preventing both men and women who wish to continue to work and make a meaningful contribution while fulfilling other responsibilities such as parenting and caring for people who need nursing care from doing so. Furthermore, the burden women shoulder has grown as men have not traditionally played significant roles in activities such as housework, parenting, caring for people who need nursing care and so on. Arguably, this has often made it difficult for women to utilize their skills and abilities in settings outside the home. Moreover, there are unresolved issues such as being unable to use childcare facilities even after

application which results in the problem of wait-listed children and people leaving work to care for people who need nursing care.

In June 2018, the Japanese parliament passed the Act on Arrangement of Related Acts to Promote Work Style Reform. The legislation limits overtime work to 45 hours a month or 360 hours a year in principle, and to 720 hours a year, less than 100 hours a month (including work on holidays) and an average 80 hours a month for continuous period of several months (including work on holidays) in the event of special circumstances. It also requires companies to ensure that their employees take a minimum of five days of annual leave each year. In addition, it promotes the introduction of a work-interval system. With these initiatives, the government is promoting measures to reduce long working hours.

To achieve zero waiting-listed children for places at childcare facilities, the Japanese government, based on the Plan for Raising Children in a Peaceful Environment which was announced in June 2017, aims to build childcare facilities to accommodate 320,000 children by the end of FY2020 in order to provide enough capacity, even when the employment rate of Japanese women hits 80%.

In addition, to reduce parents' financial costs related to preschool education and care, the Child and Child Care Support Act was revised in May 2019, allowing children aged three to five, and children aged birth to two in households exempt from paying residential tax, to attend kindergarten, childcare facilities, certified childcare facilities (nintei kodomo-en) and other similar facilities free of charge.

The Japanese government has also promoted the organization of an employment environment that provides both men and women with the freedom to choose their lifestyles. For instance, the 2017 revision to the Childcare and Family Care Leave Law enabled workers to extend their parental leave until their child turns 24 months old from the previous 18 months old if, for instance, a family is unable to obtain an offer of placement for the child in a childcare facility.

With respect to the issue of people leaving work to care for people who need nursing care, the Japanese government has promoted the organization of an employment environment that enables people to continue working while providing such care. For instance, the March 2016 revision to the Childcare and Family Care Leave Law has allowed workers to split their long-term caregiver leave entitlements over multiple instances as well as to take short-term caregiver leave by half-day. In addition, it has introduced a system to exempt workers caring for people who need nursing care from overtime work.

As a result of these various measures, the number of female employment increased by more than 3.3 million, and employment rate of women in child-raising period between the ages of 25 and 44 increased by 10% from 67.7% to 77.7% in the eight years from 2012 to 2019. These are contributing improving the “M-shaped curve” in the labor force participation rate by female age group. Steady results have also been achieved, including an increase in the number of years of service of women as well as the ratio of women in management positions and so on.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need

to address them? What lessons have been learned and what course corrections have been effected?

In a Cabinet meeting in December 2015, the government approved the Fourth Basic Plan for Gender Equality (hereinafter referred to as “Fourth Basic Plan”; covering the period from FY2016 to FY2020) based on the Basic Act.

To clarify policy purposes and promote the plan effectively, the Fourth Basic Plan established four policy areas (“I. Women’s participation and advancement in all fields of society,” “II. Safety and security of life,” “III. Infrastructure improvement on the realization of a gender-equal society,” and “IV. Implementation of the plan”) and set “objectives on policy regions,” which are to be monitored and evaluated in a focused way. Twelve individual subareas were established under policy areas I to III, and with respect to these 12 subareas and “Implementation of the Plan,” basic directions, specific measures and targets are set for measures to be implemented before the end of FY2020. The progress of these objectives is compiled and published on the government website twice a year.

In August 2019, Japan compiled and published data on 125 global indicators (117 when repeated indicators are excluded) out of a total of 244 global indicators (232 when repeated indicators are excluded) that were adopted by the United Nations General Assembly in July 2017.

With regard to the indicators related to Goal 5 of the SDGs, eight global indicators out of 14 have been set, with no assignment of priority, in a manner consistent with the achievement targets contained in the Fourth Basic Plan. The government will continue to collect data related to these achievement targets on a regular basis and publish them.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

Japan has been actively participating in PPWE’s discussions on women’s economic empowerment to date. The adoption of “La Serena Roadmap for Women and Inclusive Growth (2019-2020)” last year is a significant outcome. Through concrete actions and assessment against the Roadmap, APEC could play an important role in driving greater empowerment of women in the Asia-Pacific region.

KOREA

- 1. Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Korea's key barriers and challenges to women's participation in economic activity are lack of childcare services, relatively low quality of jobs for women, and gender-discriminatory organizational culture. The gap in the economic participation rate between men and women remains at over 20%, with mainly women in the 30s and 40s experiencing career interruption.

- 2. Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Korea's main structural reform needs are equivalent to the key barriers and challenges listed above. To address these needs, Korea is striving to create a workplace environment that enables work-life balance and foster a gender-equal culture in the workplace and labor market. To this end, it is continuously working to enhance a childcare leave system, in particular paternity leave to encourage men to take the leave. To address gender discrimination in recruitment, the government has strengthened the institutional foundation, including by revising the Fair Hiring Procedure Act, which prescribes a blind-hiring standard. In its continuous efforts to expand women's overall social participation, the government provides consulting programs for businesses to improve corporate culture and has also launched a voluntary pact campaign that encourages businesses to set their own gender-balance targets and achieve them.

- 3. (Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

To support career-interrupted women who find it difficult to enter the labour force and find work, the government has operated the Women's Re-employment Centres (158 centres across Korea as of the end of 2019) since 2009 under the Act on Promotion of Economic Activities of Career-Interrupted Women, Etc. (enacted and enforced in 2008). The centres provide career counselling, vocational training, internship opportunities, job placement, follow-up service to help them adapt to the workplace when employed, start-up support, among others.

The government is also working to identify prospective social enterprises dedicated to women and families and provide phased support so as to increase women-friendly jobs in the social economy sector.

Also, it is working with relevant organizations and agencies to nurture female talent for new industrial sectors and industries with a disproportionately low rate of women's participation, while supporting women in entering the public sector by recommending competent women candidates for major positions.

Policies for encouraging women’s participation in STEM include the 4th Basic Plan for fostering and supporting Women in STEM (2019-2023). This policy was initiated to achieve qualitative growth of women in STEM and gender equality in the fields of science and technology by promoting influx and growth of STEM workforce in strategic areas, enhancing innovation and global competencies, facilitating retention and progression through the entire career path and establishing a gendered innovation system.

Other government programs include the “Regional Women Empowerment in STEM with local university” (approximately 1.99 billion Korean won) which encourages local female secondary school students to major in STEM fields, run a capacity-building programme for female students in STEM universities and run a career development and re-entry support programme for women in STEM fields who are unemployed or with career interruptions.

“The Career Re-entry Program” (approximately 10 billion Korean won) for women returners to STEM R&D sectors after career breaks provides grants for research while also providing education and training, skill matching, subsidies and career management support.

4. Leading practices: Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

To increase women’s social participation and break the glass ceiling, the government devised the joint-ministry Plan to Enhance Women’s Representation in the Public Sector. It also set concrete targets of the rate of women in senior positions and took practical measures for the implementation of the plan. As a result, the percentage of women in senior roles in the public section has grown significantly.*

To spread this trend to the private sector, a public-private coordination system will be established, and under the system, joint projects will be implemented to increase women’s decision-making power across society.

* Director or higher in central government agencies (Grade 4 and above): (2017) 14.8% → (2019) 20.8%,
Managers in public organizations: (2017) 18.8% → (2019) 25.1%
Executives in public organizations: (2017) 11.8% → (2019) 21.1%

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

To measure women’s economic participation, such as their employment rate and labour force participation rate, Statistics Korea conducts the Economically Active Population Survey every month. In addition, the Ministry of Gender Equality and Family has started to take stock of the current state of female executives in listed companies annually and released the first results in 2019.

The Gender Impact Analysis and Assessment has been in place to evaluate the government’s current policies and programs designed to enhance women’s power and increase women’s economic activities, as well as to identify improvements made. The initiative analyzes the impact that government policies established and implemented have on women and men, to

ensure that the policies can contribute to realizing gender equality. The analyses have been carried out since 2012, covering all laws and regulations, both enacted and revised, and economy-wide and local plans and programs that have a significant influence on gender equality. Furthermore, the Specific Gender Impact Analysis and Assessment analyzes policies affecting the real lives of people and major policies with a wide gender gap from the perspective of gender equality. This initiative is intended to make policy improvements and recommendations to relevant agencies.

Every year in September, the government releases a comprehensive report that analyzes the outcomes of the implementation of the aforementioned assessments to monitor their effectiveness and implementation. It also tracks policy improvements of each agency through the Gender Impact Analysis and Assessment on a yearly basis.

Major policies, such as start-up support policies, industrial safety policies, and SMEs labour force policies, have been evaluated from the lens of gender responsiveness, and accordingly, a range of policy improvements were derived, and improvements have been made to increase women's social participation.

* (Key improvements in increasing women's participation in economic activities): Industrial safety and health training programs for labour inspectors contain topics such as maternity protection; and 1:1 coaching and counselling programs are enhanced for aspiring women entrepreneurs by making use of the female business leaders DESK.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

Economic empowerment of women is a cross-cutting issue that applies to all APEC fora. To promote women's economic empowerment across APEC, cooperation among these fora is critical. To this end, it is important to consider engaging in the La Serena Roadmap for Women and Inclusive Growth (2019) by all fora and sub-fora. In addition, a system needs to be created within APEC to routinely evaluate each economy's progress made and provide feedback to promote women's economic empowerment.

Moreover, it is necessary to develop joint policy directions and guidelines that can close the gender gap in the era of digital transformation and technological development. APEC should develop a guideline to include gender-related provisions in technology development. Korea, China and Japan are economies that are going through fast ICT development, but there are gender gaps and little change in sociocultural norms and employment. If problems caused by the wide gender gap compared to the highly developed technology industry remains unaddressed, it is expected that women will be further marginalised.

* Value added in the ICT sector ranking (UNCTAD 2019) : China (2nd), Japan (3rd), Korea (5th) / Global Gender Gap Report: China (106th), Korea (108th), Japan (121 th)

MALAYSIA

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

A. Ministry of Women, Family and Community Development (KPWKM)

- i. Economic opportunities for Malaysian women will require expanding the availability, quality and affordability of child and elder care. The Malaysian Labor Survey 2018 found that housework is one of the main reasons that women do not participate in the labour force. 60.2% of women who did not participate in the labor force cited housework, including child and elderly care, as the main reason for not seeking work¹⁴. In the absence of child and elderly care options, a large share of women feels obligated to stay home as caregivers and out of the labor market.
- ii. The National Policy on Women and its Action Plan (NPW-POA) is a reflection of the Malaysia's commitment to ensure the participation of women in achieving their full potential in the economy's planning and development. Consistent with the goals of the National Policy on Women, efforts have been undertaken to improve and strengthen the domestic machinery for the advancement of women as well as to ensure greater collaboration and coordination in the implementation of activities for women and families as well as chart new directions for the advancement of women.

Among challenges in the implementation of the Plan of Action are lack of awareness on the importance of gender perspective in the planning, policy making and implementation of development programs and projects, lack of data, particularly sex disaggregated data and cultural, prejudicial attitudes and stereotype perceptions of the society on the capability and ability of women and other cultural and traditional bias towards the role of women.¹⁵

Also, there is poor buy-in, lack of prioritisation, competing for attention or resources. Outside the Ministry of Women, Family and Community Development (MWFCD), the NPW-POA had very little traction due to poor buy-in. While a handful showed initiative and tried to connect their own work with the policy document, the majority of ministries/agencies talked about being bogged down, and how the NPW-POA's contents was not part of their "core business".¹⁶

- iii. The women in the Bottom 40% of Households (B40) group which earn below RM3,860 (USD889) face additional challenges in participating in the economy due to their limited access to economic resources and opportunities. The high cost of living poses a challenge to these women, in particular single mothers who are trying to raise and educate their children, especially if they are young and require care and protection. Women in the B40 group need to be given more attention and society needs to support the Government's initiatives in empowering this group of women.

¹⁴ Breaking Barriers: Toward better Economic Opportunities for Women in Malaysia, World Bank 2019

¹⁵ <https://www.un.org/womenwatch/daw/Review/responses/MALAYSIA-English.pdf>

¹⁶ Output 1: The Effectiveness of the National Policy on Women and the National Action Plan for the Advancement of Women (10th Malaysia Plan: 2011 – 2015).

B. Ministry of Human Resource (MOHR)

- (a) Lack of work life balance.
 - i. Inflexible working hours at the workplace.
- (b) Families issues
 - i. To raise a family (childcare); and
 - ii. To care a family member (sick, disable).
- (c) Workplace environment
 - i. Lack of support facilities from employer such as childcare is expensive.

C. Ministry of Entrepreneur Development and Cooperatives (MEDAC)

There are many barriers/challenges identified to women's participation in economic activity. Among two are access to market and financial/credit facilities.

There is identified sub-population of women who face additional barriers and challenges which comes from single mother (sole owner).

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

A. Ministry of Women, Family and Community Development (KPWKM)

- Expand the availability, quality and affordability of child and elder care to enable more women to stay in the labour market and to work in more productive jobs.
- In 2019, the government had built 66 childcare centres at a cost of RM10 million (USD2.3 million) and in 2020, the government has allocated RM30 million (USD6.9 million) to establish more childcare centres in government buildings, especially in hospitals and schools. In addition, parents who send their children to childcare centers and kindergartens will enjoy individual tax relief of RM2,000 (USD461) per year.
- Private sector employers can benefit from a double tax deduction for costs of providing and maintaining childcare centres at the workplace. At the same time, a 10% Industrial Building Allowance is available for buildings used as childcare centre.
- Registered childcare centres are also offered 20% discount on their electricity bill to lessen the operating cost for childcare operators.
- Increase availability of infrastructure, policies and laws that encourage women to work. Malaysia has introduced several initiatives to encourage women to participate in the economy such as:

- i. introducing the Flexible Work Arrangements (FWA) practice flexi-working hours for the government sector, as well as encourage the corporate sector to adopt this practice;
 - ii. have a programme to encourage women to return to work (the Career Comeback Programme); and
 - iii. introducing 30% policy to increase women’s role in leadership and policy-making decisions.
- Malaysia is in the midst of drafting a bill that focuses on women’s empowerment and non-discrimination to achieve gender equality as an investment towards a brighter future followed by another drafting process for a sexual harassment bill. These on-going legislations aim to address issues related to women such as women's involvement as decision makers, women’s economic empowerment either formal or informal sector or areas where predominantly known to men and strengthening existing legal instruments in guaranteeing non-discriminatory treatment based on gender while providing a safe environment for women.
 - The Government is also in the process of making amendments to the Employment Act 1955 to address the challenges and issues faced by women in Malaysia. e.g., the Ministry of Human Resources is refining the amendments to the Employment Act 1955 to address issues faced by women at work such as making amendments to increase the minimum maternity leave from 60 to 90 days in the private sector to further support working mothers and fathers by including allowance for paternity leave. In the public sector, full paid maternity leave is provided up to 360 days throughout service and seven days of paternity leave for male employees.
 - Mainstreaming Gender Equality. Besides the NPW-POA, Malaysia has introduced Gender Focal Points (GFPs) in 2010 as strategy to mainstream gender concerns with the goal of gender equality and women’s empowerment. Initiatives and programmes must be extended across a range of Ministries and agencies, not just confined to the Ministry of Women Family and Community Development. GFPs were appointed in each Ministry and agency where there was a GFP, there would be a person responsible to champion and mainstream gender into the planning, programming and budgeting of their respective organisations.

B. Ministry of Human Resource (MOHR)

Structural reform needs:

- Promote flexible working hours for mothers
One of the significant proposed amendments to the labour laws is to include provisions on flexible working arrangement in the Employment Act 1955. This will allow both fathers and mothers to work flexibly, even at their homes and balance their responsibilities at work and at home better. Flexible working arrangement will also give women time and flexibility to take part in the economy as women will stay in the workforce since she is able to better balance the responsibilities at home.
- Maternity leave will be fixed at 90 days.
The Ministry of Human Resources has proposed to increase the number of maternity leave from 60 to 90 days. It is proposed that employers cannot terminate a pregnant

female employee unless employers are able to prove the termination is not because of pregnancy. The proposal among other aims to ensure the health and safety of female employee, strengthen the bonding between mother and new-born as well as to comply with international instruments.

- Provide incentives to companies that provide support to their female employees.
- Strengthen legal system to promote women’s right to equal pay for the same work, and ensuring transparent job promotional opportunities
- Introduce a budget system based on the concept of Gender Responsive Budgeting.
- Implement policies and programmes to optimise women's capacity and increase their employment rate.
- Establish a systematic micro-credit scheme to provide opportunities for women entrepreneurs
- Establish specific policies and programs to increase women’s ownership of assets, their investment and savings rate.
- Provide incentives to employers to provide childcare facilities either at work or near the workplace.
- Enabling the domestic care-giving sector to grow in order to provide quality care for postnatal mothers, and to address other needs.
- Ensure employers attend regular training so that they are aware of sexual harassment at workplace and how to tackle it.

Current implementation:

i. Maternity protection

Currently, under the Employment Act 1955, there is one part focused on maternity protection that provides all female employees with the right to a minimum amount of paid maternity leave. Under the Act, any attempt by an employer to remove or reduce such maternity benefits will be rendered void.

An employer is also prohibited from terminating the service of a female employee while she is on maternity leave, unless the termination is due to closure of the employer’s business. There are certain conditions that have to be met before a female employee is entitled to paid maternity leave, and they are as follows:

- a. length of service: not less than 90 days (in the aggregate) during the 9 months immediately before confinement; and
- b. status of employment before confinement: being in the employ of the employer at any time in the 4 months immediately before confinement.

Once these conditions are met, a female employee is entitled to not less than 60 consecutive days of paid maternity leave. This entitlement is available unless she has 5 or more surviving children at the time of her confinement. Female employees may commence their maternity leave at any time as long as it is not earlier than 30 days before confinement or later than the day immediately following confinement. Absence from work outside of these periods would not be treated as maternity leave and would not entitle the employee to maternity allowance.

However, female employees may be required to commence their maternity leave earlier (up to 14 days before confinement) than their preferred date if a medical officer determines that they are unable perform their duties satisfactorily as a result of their advanced state of pregnancy.

If a female employee remains absent from work after she has exhausted her maternity leave due to a pregnancy related illness (as certified by a registered medical practitioner), she shall be protected from dismissal for a period of up to 90 days after the expiration of her maternity leave.

ii. Employment of Women: Prohibition of night work

Section 34 of the Employment Act 1955 protects the rights for working women in Malaysia from working at night. Employers are not allowed to require their women workers to work between 10pm to 5am. Neither can an employer require their women workers to commence work for the day without the worker having rest for a period of 11 consecutive hours from such work. However, this prohibition only applies to industrial or agricultural undertaking. Therefore, women can still work at night in sectors such as commerce, hospitality, public health and entertainment.

Employers may apply to the Director General of Labour for an exemption from this restriction, of which the Director General may allow with conditions.

iii. Sexual Harassment

In 2012, the government amended the Employment Act 1955 and came up with a new part dealing with sexual harassment that defines sexual harassment as any unwanted conduct of a sexual nature, whether verbal, non-verbal, visual, gestural or physical, directed at a person which is offensive or humiliating or is a threat to his well-being, arising out of and in the course of his employment.

Under Section 81B of said Act states that employers have a duty to investigate into any sexual harassment complaint within 30 days from when the complaint was made. However, as of now, the Employment Act does not provide a guideline as to how these investigations are to be carried out.

Malaysia 2020 Budget announcement:

- i. The government introduced #Women (Work @ Women) aims to create 33,000 job opportunities a year for women between the ages of 30 and 50 who have stopped working for a year or more. Women who return to work will be given a two-year salary incentive of RM500 a month, while employers will be given an incentive of hiring RM300 a month for the same period. In addition, income tax exemptions for women returning to work will be extended for another four years until 2023; and
- ii. The government will increase its allocation from RM10 million in 2019 to RM30 million by 2020, to provide more TASKA especially in hospitals and schools. In addition, to ease the financial burden of parents who send their children for early childhood education to TASKA and the registered Child Care Park (TADIKA), the individual tax relief for fees paid will be increased from RM1,000 to RM2,000.

C. Ministry of Entrepreneur Development and Cooperatives (MEDAC)

Structural reform in term of policies has been carried out by MEDAC through the National Entrepreneurship Policy 2030 (NEP 2030) as below:

Strategic Thrust 1: Fostering an Entrepreneurship Culture across all Segments of Malaysian Society

This strategic thrust aims at making creativity, innovation, risk-taking as well as the ability to act on opportunities arising as the basis to develop an entrepreneurial culture. The two strategies adopted call for:

A1: Building of a critical mass of entrepreneurs

- Intensify entrepreneurship outreach and awareness programmes;
- Raise awareness of entrepreneurship opportunities;
- Leverage on the media to showcase the positive impact of entrepreneurship;
- Give recognition to entrepreneurial role models; and
- Promote entrepreneurship as a career of choice.

A2: Enhancement of entrepreneurship education and skills

- Embed the entrepreneurial culture in the education system;
- Enhance the quality of entrepreneurship training;
- Incorporate an apprenticeship programme in Technical and Vocational Education and Training (TVET);
- Provide structured entrepreneurial training; and
- Strengthen collaboration between industry and academia.

Strategic Thrust 3: Promoting Holistic and Integrated Entrepreneurship Development

Three strategies have been drawn up to increase entrepreneurial opportunities for all levels of Malaysian society in order to enhance the socio-economic status of all concerned, namely:

C1: Support entrepreneurial endeavour of Bumiputera, disadvantaged & special focus groups

- Intensify outreach programme to disadvantaged group including low income households (B40), rural communities, differently-abled people;
- Targeted assistance and intervention programmes to boost entrepreneurial capability and skills of Bumiputera, disadvantaged groups and special focus groups including women, youth, senior citizen and indigenous (orang asal) community; and
- Create ‘incubation space’ in potential rural and economically depressed areas that is available to would-be/aspiring entrepreneurs.

C2: Co-operatives as driver to inclusive socio-economic development

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

A. Ministry of Women, Family and Community Development (KPWKM)

Encouraging Women to Return to Work

- Malaysia has introduced a 12-month income tax exemption for women who re-enter the workforce after a break of at least two years as an incentive for women to return to work. This incentive is available for women who return to the workforce between the years of assessment 2018 to 2020.
- The Career Comeback Programme (CCP) was established in 2015 (by Talent Cooperation Malaysia) to facilitate women to return to the workforce after taking a career break. Between 2015 to April 2019, a total of 1,136 women registered for CCP and 820 women were successfully recruited.
- Besides CCP, Work-Life Practices (WLPs) Advisory Services by TalentCorp is one of the initiatives to promote women to join the labor market. TalentCorp works with organizations to implement WLPs at their workplace by providing advisory services, e.g. flexible working arrangements, benefits such as extended maternity leave and paternity leave and facilities such as nursing rooms and childcare centers at the office. Many of these WLPs cater towards women talents, especially mothers with young children. Some of the more progressive Malaysian companies now offer up to six months paid maternity leave, or one month paid paternity leave. Nursing rooms are also increasingly more common amongst large Malaysian firms.

B. Ministry of Human Resource (MOHR)

Malaysia's economy does not impose any restriction to women in any economy activities. Malaysia also introduced certain policies and initiatives to encourage women's participation in the economy:

- i. Introducing policies to ensure at least 30 percent of women are at the decision-making level;
- ii. Upskilling for women who are back in the workforce after stopping work through the Career Comeback Program (CCP) initiative;
- iii. Attracting and retaining women's workforce by encouraging employers to implement the concept of 'Work-Life Practices' (WLPs) towards a better balance between work and life integration and providing a family-friendly, or 'family-friendly' work environment; Announcing that the Government through the Local Authority (PBT) will require all new office buildings to provide childcare centers, starting in Kuala Lumpur. This is to make it easier for parents to work besides improving family relationships;
- iv. Public service maternity leave increased from 60 days to 90 days (option to choose) up to 5th child; and
- v. Allows female civil servants who are five months old or older in their pregnancy, to return 1 hour early. This flexibility is also given to the husband who works the Government and works nearby.

C. Ministry of Entrepreneur Development and Cooperatives (MEDAC)

Its' agencies initiatives/programmes relevant to women empowerment include:

SME Corp

- **Women Netpreneur Programme**
The Women Netpreneur programme is organised to ensure women entrepreneurs are continuously kept in the loop regarding the changing business landscapes that emerge from the new world order - key megatrends that will permanently transform businesses around the world. These include Industry 4.0, digitalisation and technological convergence, giving rise to big data analytics, e-commerce and also financial technology (fintech).
- **Dialogues & Information Sharing Sessions with the Presidents of Women Entrepreneurs Associations**
These periodic sessions are aimed at creating greater awareness, soliciting feedback and generate ideas from the associations and chambers, particularly on issues concerning the development of women in business.

SME Bank

- **MySME Lady**
Financing plan to women entrepreneurs focusing on migrating micro entrepreneurs for business expansion and growth which includes asset acquisition and working capital.

Malaysian Global Innovation & Creativity Centre (MAGIC)

- Organising various workshops and dialogues focusing on women in entrepreneurship. E.g. Women in Entrepreneurship – A Paradigm Shift towards the Right Entrepreneurial Mindset on 1 October 2019, Global Startup Weekend Women – KL Chapter on 6 Sept 2019 and Entrepreneurship Mindset For Women Start-Ups on 20 April 2019 to gain insight on the contribution of women entrepreneurs in the entrepreneurship ecosystem, exchange thought and share experiences with fellow entrepreneurs and unlearn and relearn the skills needed to strive in entrepreneurship.

D. Ministry of Higher Education (MOHE)

Higher Education

The Malaysian higher education system has grown from strength to strength over the past few decades. Over the last ten years alone, the system has made significant gains in student enrolment, risen in global recognition on key dimensions such as research publications, patents and institutional quality, as well as become a top destination for international students. These achievements are a testament to the drive and innovation of the Malaysian academic community, the support of the private sector as well as the deep investment the Government has made.

Education in Malaysia is provided for all Malaysians irrespective of gender, ethnicity, locality and social background. MOE ensures that all Malaysians are given equal opportunities and benefits in every aspect of education and training. As for the higher education sector, the initiatives in the Malaysia Education Blueprint 2015-2025 (Higher Education) are aligned to the Sustainable Development Goal 4 strategies and the 11th Malaysia Plan. MOHE has long practised gender equality in education; where students are accepted based on merit regardless of their gender. And as a result, more girls are now studying at the higher institution level. For instance, the students' enrolment in Malaysian public universities for the last three years comprised of 201,839 (37.9%) males and 330,210 (62.1%) females in 2016; 205,067 (38.1%)

males and 333,488 (61.9%) females in 2017 and 213,654 (38.7%) males and 339,048 (61.3%) females in 2018. The male to female student ratios are 1:1.64; 1:1.63 and 1:1.59 respectively.

Career guidance campaigns at higher education level are also done equally for all students. At each polytechnic, a Corporate Industrial Services and Employability Centre is established to provide the information on labor market outcomes and prospects of different study choices. The same role is played by Industrial Liaison Units at community colleges. Hence, students at the polytechnics and community colleges are regularly updated through the various awareness programs carried out at the institutions. Regular dialogues, talks and face-to-face meetings with representatives from the industries help to give students an overview of the current labor market. Graduate Employability (GE) programs, which also include girls/women to fields in which they are underrepresented such as in engineering programmes, are carried out in collaboration with industries to provide extra training specific to job prospects and to give students opportunity to experience real work in the relevant industries.

Women Empowerment through lifelong learning

Ministry of Higher Education through its polytechnics and community colleges offers tertiary education and lifelong learning programs to students who do not pursue university level education. The community colleges provide lifelong learning (LLL) programmes to 6 groups of participants namely the elderly persons, person with disabilities, single mothers, indigenous population, youth and bottom 40% income group (B40).

LLL programmes at community colleges have gained widespread attention among the local community where women outnumbered men in the number of participation. In 2019, a total of 222,675 participated in LLL programmes and women contributed 62% (137,724) of overall participation.

Examples of programmes conducted are culinary, baking, religious studies, languages, handicrafts and basic computer programmes. Participants of LLL are encouraged to earn and increase income from the knowledge gained.

Women LLL participants particularly those from Sabah and Sarawak are encouraged to become entrepreneurs and showcase their traditional handicrafts such as basket weaving, weaved mats, beaded accessories, traditional instruments, snacks and artwork. In doing so, they will not only preserve their ethnic crafts and traditions but will also contribute to the learning of their younger generation.

E. Ministry of Science, Technology and Innovation (MOSTI)

Governments are taking step to manage the risks of seize the opportunities resulting from ongoing changes in the world of work to accelerate gender equality and the empowerment of women, including with regard to the impact of new technologies. Taking heed from the initiatives, MOSTI through its agencies has organised a few international training workshops for women in Science, Technology and Innovation (STI) to accelerate gender equality and the empowerment of women as follows:

- i. Training workshop on Developing Talents of Women in STI 3-6 August 2015;
- ii. Training workshop on developing talents for women in STI 18-22 July 2016;

- iii. Training Workshop on Technopreneurship for Women in STI 5-9 September 2016 (32 delegates – 15 from Malaysia); and
- iv. Training Workshop on Developing Leadership Talents of Women in Science, Technology and Innovation (STI), 17-20 July 2018, Kuala Lumpur, Malaysia (29 delegates – 15 from Malaysia).

The training workshops on developing talents on women are aimed at engaging women at middle level management on developing their own strengths and talents, enhance their skills, knowledge and attitudes regarding the environment at the workplace and enhance their self-beliefs. The training workshop on technopreneurship was aimed at assisting women researchers on the commercialisation of their research products by taking advantage of new emerging technologies.

In addition, MOSTI through its agencies also organised the following international conferences for Women in STI.

- i. International Science, Technology & Innovation Centre (ISTIC) / Islamic World Educational, Scientific and Cultural Organization (ISESCO) / United Nations Educational, Scientific and Cultural Organization (UNESCO) Malaysian National Commission International Forum on Harnessing Women’s Talents in Science, Technology and Innovation 25-26 May 2015 (127 participants).

The Forum was aimed at discussing strategies and solutions of the under-representations of women in STI careers and in higher positions. Recommendations were made on how women in STI can be made visible in their organisations and on how their potential can be maximised to benefit both the women and the organisations. The Forum concluded with a declaration.

- i. 3rd ISTIC Biennial International Conference on Women in Science, Technology and Innovation: Innovative Solutions by Women in STI for UN Sustainable Development Goals (115 delegates of which 60 were Malaysians). The Conference concluded with a Declaration.

The international conference highlights the successful innovations in STI by women in solving or minimising problems faced by women and at exchanging and sharing experiences on how to achieve the UN SDG (2016 -2030)

4. Leading practices: Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

A. Ministry of Women, Family and Community Development (KPWKM)

- Access to education and health provides an opportunity for women and girls to partake in the economy and Malaysia has continued to make remarkable progress in terms of access to education and health.
- At primary and secondary level, the enrolment ratio of girls is almost equal to boys. For the period 2014 to 2017, there has been a steady increase in the enrolment rate of female students at these levels. As of 2017, it stands at 97.6% for male and 98.2% for female at primary level; 94.6% for male and 88.5% for female at secondary level; and 38.2% for male and 48.3% for female at tertiary level. Literacy rate has increased to 97.3% for male and 96.3% for female, as compared to 96.2% for male and 92.7% for female in 2014.

- Technical and Vocational Education and Training (TVET) in Malaysia attracts more male students. However, the number of full-time female students in Polytechnics and Community Colleges¹⁷ are not far behind from the male counterpart. Female students make up 48% of the total enrolment at Polytechnics, and 44% at Community Colleges. Most of the teaching staff in Polytechnics and Community Colleges are female. There are 59% female teaching staff/lecturers at Polytechnics and 60.8% at Community Colleges. Life-long Learning (LLL) programmes in Community Colleges gives training and learning opportunities to more than 51% female participants.
- In healthcare, the Government is committed to ensure that the services provided are affordable and accessible without compromising the quality of service. Life expectancy for both Malaysian men and women has increased over the years. In 2014, the life expectancy was 72.4 years for men and 77 years for women. In 2017, the life expectancy was 72.3 years for men and had risen to 77.2 years for women. The Global Gender Gap Index (GGGI) 2018 had reported that the health and survival rate in Malaysia has almost reached gender parity with the score 0.974 on the index. Maternal mortality ratio has declined from more than 40 per 100,000 live births in 1991 to 29.1 per 100,000 live births in 2016.

B. Ministry of Human Resource (MOHR)

TalentCorp, MOHR has been implementing the Career Comeback Program (CCP) to attract more women to encourage employers to recruit and retain women on career breaks. As of now, since it was established in 2015, there are a total of 820 women have returned to work and 323 employers have recruited career break.

Since 2019, the CCP focus shifted to reskilling and upskilling women on career breaks to ensure they are ready to be integrated into the workforce. The Career Comeback Workshop and Returnship Programme are part of the CCP which aims to reskill or upskill women in soft skills, technical skills, and industry knowledge following a career break.

Apart from that, to encourage more women to participate in the economy activities, the Malaysia 2020 Budget had also listed programmes as follows:

- #Women (Work @ Women) aims to create 33,000 job opportunities a year for women between the ages of 30 and 50 who have stopped working for a year or more;
- Women who return to work will be given a two-year salary incentive of RM500 a month, while employers will be given an incentive of hiring RM300 a month for the same period. In addition, income tax exemptions for women returning to work will be extended for another four years until 2023; and
- This initiative will encourage employers to open up more employment opportunities to Malaysian women than the option to hire foreign workforce.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question

¹⁷ Polytechnics and Community colleges are public-funded higher educational institutions that offer technical and vocational courses of study to upper-secondary school leavers, leading to the award of diploma and certificate qualifications.

above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

A. Ministry of Women, Family and Community Development (KPWKM)

- The establishments of Women and Family Development Council (MPWK) and Women's Advisor and Consultant Council (MPPW).
- The Statistics on Women Empowerment in Selected Domains, Malaysia presents gender statistics and gender related indicators as a measurement of gender equality annually. These statistics focus on the core set of gender indicators which covers the following 8 main domains - economic structure, participation in productive activities and access to resources; education; health and related activities; public life and decision making; human rights of women and girls; social protection; disaster risk reduction; and peace and security. These data are essential in identifying remaining gaps that need to be addressed and subsequently in developing necessary policies to close these gaps.
- The collection of sex-disaggregated data needs to be ensured and that gender indicators are integrated into monitoring and evaluation with due attention paid to both qualitative and quantitative indicators. Realizing the importance, efforts need to be strengthened with the support from the Department of Statistics to collect data and analyze them to determine baselines, gaps or trends.

B. Ministry of Human Resource (MOHR)

Monitoring:

- Under the Career Comeback Programme, there are few indicators which are used to assess the effectiveness of the programme, such as by monitoring the total of women hired; total number of women attended the workshop/ returnship programme; and the total number of employers conducting the workshops. The data is derived on a monthly basis.
- With the current resources availability, the data collection process is focusing more on the Klang Valley area. Moving forward, TalentCorp is planning to have an advanced system using an artificial intelligence database, which looks at the lifecycle of women who are on career breaks. This could help in preparing the intervention programmes which are more feasible and impactful.

Challenges and Lesson Learned:

- There are many agencies and ministries involved in encouraging more women participation in the economic sector. A centralised data centre could help in optimising the resources and get a more accurate data.
- Another challenge is to identify the needs of supports among women. Each individual has different needs. By having a more collective data could strengthen the women empowerment programme to achieve their objectives.

- To prepare women towards entering the digitalisation era, the government should start to prepare women with the right skills and inculcate gig works and entrepreneurship among women.

C. Department of Statistics Malaysia (DOSM)

- Malaysia acknowledges the importance of measuring women's economic participation. As such, the first attempt undertaken by the Department of Statistics Malaysia (DOSM) is to produce the publication of Statistics for Women-Owned Establishment based on Economic Census 2016 data. From the SDGs point of view, the goals, targets and indicators for women are comprehensively stated in Goal 1, 2, 3 dan 10. Currently, there is no official manuals or guidelines for measuring women's contribution to the GDP. Hence, the compilation of indicators basically will be focusing on indicators for goals 1, 2, 3 and 10.
- DOSM has also published the Informal Sector Workforce Survey Report which highlights statistics of informal employment in the informal sector. This report provides demographic and socioeconomics characteristics such as status of employment, category of occupation, age group, educational attainment, highest certificate obtained as well as the type of workplace according to strata (urban and rural) and sex.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

A. Ministry of Women, Family and Community Development (KPWKM)

- APEC's capacity building programmes has been a platform for sharing best practices and inspiring economies is taking steps to promote women's economic empowerment. APEC should continue playing this role to raise awareness and increase understanding of the importance of women economic empowerment in the region.

B. Ministry of Human Resource (MOHR)

APEC assistance in promoting women's economic empowerment in Malaysia:

- i. Monetary assistance in research or vocational grant especially in training; and
- ii. Partnership on seminar and short courses on empowerment of women especially on employment and entrepreneurship.

C. Ministry of Entrepreneur Development and Cooperatives (MEDAC)

APEC plays an important role in promoting and highlighting the agenda of gender equality in the global marketplace. APEC can leverage on programmes by other regional and international bodies such as ASEAN, OECD as well as international non-governmental organizations through cross collaborations on existing programmes and policy initiatives. Such collaborations can further promote women's economic development, create effective changes in business culture, build strategic alliances and transform public policy and influence decision-makers.

MEXICO

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Women face limitations to achieve economic autonomy. The sexual division of labor has placed women almost exclusively responsible for the tasks associated with the field of reproduction, such as domestic and care work. As a result, women have historically been relegated from the activities that take place in the sphere of production, which has caused less access to methods of production, well-paid work options, financial services and opportunities for the full development of their economic capabilities.

In the labor market, gender inequality is evident. In Mexico, the differences in opportunities to access or stay in paid work are reflected in a low participation of women compared to men. According to the 2019 National Survey of Occupation and Employment (ENOE), 4.5 out of 10 women participate in the labor market in contrast to almost eight out of 10 men¹⁸, which places Mexico at the top among economies with low rates in terms of women's participation, below the average for the Organization for Economic Cooperation and Development (OECD, 2017)¹⁹.

The factors that limit or condition the access and permanence of women in the labor market are diverse and range from discrimination in hiring, to mobility and promotion practices; unequal remuneration; gender prejudices or stereotypes; inflexible working conditions; unequal distribution of unpaid domestic and care work, which falls mainly on women and is related to an insufficient supply of care services; workplace violence; and sexual harassment.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Mexico has made important regulatory, structural reforms, and programmatic advances. Over the past decade, Mexico has made great strides in strengthening its dual approach to gender equality through the development of laws, policies, and programs.

Mexico has a solid domestic policy on equality between women and men, sustained in a legal framework conformed by the General Law for Equality between Women and Men (LGIMH) (2006), that establishes the creation of two important instruments for the National Policy of Equality: the National System for Equality between Women and Men, and the National Program for Equality between Women and Men (PROIGUALDAD).

The National System for Equality between Women and Men (SNIMH), is the highest linking mechanism for equality now operating at the ministerial level.

¹⁸ INEGI. Mujeres y hombres en México 2018.

¹⁹ OECD (2017). Building an Inclusive Mexico - Policies and Good Governance for Gender Equality.

In addition, the Federal Planning and Budget and Fiscal Responsibility Laws require the incorporation of a gender perspective, while the National Development Plan (PND) 2019-2024 is the instrument that establishes domestic objectives, strategies and priorities for comprehensive development and sustainable economy. The main objective of the PND is the general well-being of the population, it is integrated from the general axes: Politics and Government, Social Policy and Economy, the vision towards 2024, will also be guided according to 12 guiding principles.

In compliance with this development plan, the National Program for Equality between Women and Men (PROIGUALDAD) 2019-2024 is established, with a clear objective: to leave no one behind, nor anyone outside on equality.

The main objective is to establish the work to be carried out over the next few years, to achieve substantive equality in the public and private spheres, promote the economic autonomy of women, create the conditions to recognize, reduce and redistribute domestic and household work, improve conditions for women, girls and adolescents to access well-being and health without discrimination, combat violence, position the equal participation of women in decision-making in the political, social, community and private spheres and build safe and peaceful environments.

In this sense, the design and execution of actions which contribute to reducing gender inequality gaps at the local level should be promoted, as well as the minimum conditions to implement the domestic policy of equality between women and men in federal entities and municipalities.

We must direct our efforts to combat gender discrimination, as well as dismantling the factors that caused the undervaluation of women's work, also labor segregation, the lack of union representation and the stereotypes and perception of women as economically dependent.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

In 2014, the Ministry of Labor and Social Security, the National Institute for Women and the National Council to Prevent Discrimination combined efforts, strategies and resources within the framework of inter-institutional cooperation, which was formalized on August 19, 2014 through the signing of a collaboration agreement²⁰, which aims to carry out actions in a coordinated manner aimed to disseminate, and promote labor equality and non-discrimination in workplaces in the public, private and social sectors.

Derived from the collaboration agreement, the Mexican Standard NMX-R-025-SCFI-2015 on Labor Equality and Non-Discrimination was created, which recovers the experience and learning of similar mechanisms regarding its purpose that the three institutions operated: the Mexican NMX Standard -R-025-SCFI-2012 for Labor Equality between Women and Men of the Ministry of Labor and Social Security; the Gender Equality Model (MEG) of the National Institute for Women and the Action Guide against Discrimination "Institution Committed to Inclusion" (ICI Guide) of the National Institute for Women.

²⁰ Published on September 13, 2014.

Available on: http://www.dof.gob.mx/nota_detalle.php?codigo=5360171&fecha=12/09/2014

The Mexican Standard NMX-R-025-SCFI-2012 for Labor Equality between Women and Men, started as a result of improvements to the NMX-R-025-SCFI-2009 that preceded it. The purpose of this standard was to establish the requirements to obtain the certification and the emblem that verified that the labor practices of the organizations respected equality and non-discrimination, social security, an adequate work environment, freedom and accessibility for work among women and men²¹.

For its part, the Gender Equity Model (MEG), operated by the National Institute of Women, was a management system with a gender perspective, which provided tools to companies, public institutions and social organizations to assume a commitment to equality between women and men. Its objective is to develop and promote gender equality in organizations through the institutionalization of policies that promote equal opportunities between women and men in access to employment, working conditions, as well as professional development, training and participation in decision-making processes. The MEG started its application in 2003 and ended in 2015²².

The ICI Guide aimed to support institutions to prevent and eliminate discrimination in order to develop conditions to achieve real equality of opportunity and treatment in institutions, companies or organizations. Also had short and long-term goals²³.

4. Leading practices: Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

The Mexican Standard NMX-R-025-SCFI-2015 on Labor Equality and Non-Discrimination is a comprehensive instrument, which has contributed to create the conditions that allow addressing the main problems in the Mexican labor market, in terms of gender inequality: low participation of women in employment, occupational segregation, low presence of women in decision-making positions, wage inequality between women and men, lack of co-responsibility between work, family and personal life, workplace violence and discrimination.

In this sense, the Mexican Standard is a roadmap or guide for those who are interested in joining equality and the elimination of discrimination in the labor world, but do not know how to do it. In this way, the Mexican Standard helps to move from commitment to action and allows articulating isolated actions in the workplace and making them viable.

Furthermore, something important to emphasize is that this certification makes visible the key role which workplaces play as indispensable actors in achieving cultural change and a more inclusive society. The implementation of this instrument shows commitment and sends a clear message of respect and recognition of the labor rights of male and female workers.

On the other hand, given this is a world trend, Mexico has a strong instrument compared to other similar practices, it has given concrete and positive results. It is important to highlight the inter-institutional work of the three coordinating agencies for the implementation of the

²¹ Mexican Standard NMX-R-025-SCFI-2009 for labor equality between women and men: <http://www.stps.gob.mx/bp/anexos/igualdad%20laboral/2.%20Norma%20mexicana%20para%20la%20Oigualdad%20laboral.pdf>

²² Gender Equity Model 2003-2015: <https://www.gob.mx/inmujeres/acciones-y-programas/modelo-de-equidad-de-genero-2003-2015>

²³ Institution Committed to Inclusion Guide https://www.conapred.org.mx/userfiles/files/Guia_ICI_2011_digital.pdf

Mexican Standard, which due to the sum of efforts has positioned itself as a solid instrument, not only at the domestic, but also at the regional and international level.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

As mentioned before, the Mexican Standard is coordinated by 3 institutions, which is why it has positioned itself regionally as a solid instrument and internationally it has been recognized as good practice by the EUROsociAL Program.

In May 2020, the National Register of Work Centres certified in the Mexican Standard NMX-R-025-SCFI-2015 in Labor Equality and Non-Discrimination counted 411 organizations with 4,856 sites throughout Mexico. Of this total, 33% are private and 67% are public. In this way, 810,040 people (46% women) receive the benefits of certified work centres.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

Mexico is part of the Community of the Gender Equality Seal, an initiative promoted and coordinated by the Regional Center for Latin America and the Caribbean of the United Nations Development Program (UNDP). This community includes different economies in Latin America and the Caribbean which have instruments equivalent to the Mexican Standard.

Some of the achievements of the Seal Community in the last decade are related to the consolidation of Gender Equality Seal Certification Programs in 14 economies in the region, 11 of them are active.

APEC has made great strides and designed projects to ensure the economic empowerment of women continues to be promoted, in this sense, before the health contingency by COVID-19, all the aforementioned mechanisms of the different economies are facing an economic crisis that can prevent their continuity, and even imply a regression, so more than ever, international cooperation and alliances are needed to maintain and improve public policies which address cultural, social and structural barriers that impede participation and access to economic market on equal terms for women.

NEW ZEALAND

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

- Discrimination against women in terms of pay and promotion within the workplace compared to men. For example, 80% of the gender pay gap is “unexplained”, rather than being due to differences in education, number of hours worked, etc. Women are significantly underrepresented in leadership roles in the private sector.
- Historic and ongoing undervaluation of occupations predominantly performed by women resulting in these occupations being paid less than occupations predominantly performed by men, even when the levels of skills and responsibilities required are similar. For example, STEM fields that are primarily women are sometimes not considered “real” STEM, unlike engineering or tech fields.
- Women perform significantly more unpaid work than men. This includes activities such as caring for children and other family members, and volunteering in community activities. This work, although necessary, can also create a barrier to participating in paid work. Furthermore, women experience a “motherhood penalty” reduction in pay upon becoming parents. Men do not experience a “fatherhood penalty”.
- Some groups of women experience the combined and multiplying effects of several forms of discrimination because of their race, ethnicity, gender and sexuality. Women are diverse and their lives are not all the same. This means that we need to consider intersectional remedies to discrimination, recognizing the lived experiences of those affected.

2. **Structural reform needs:** What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

Although the gender pay gap has reduced significantly since measurement began, progress has stalled in the last decade. Further work is needed to continue to make progress for women – this will need to be a multi-pronged approach recognising the various causes of pay gaps. One option we are considering is pay transparency and how this might be implemented. Other initiatives underway are outlined below.

- To address the undervaluation of work predominantly performed by women, we need a system through which women can meaningfully have this undervaluation corrected. Currently the Gender Pay Principles agreed by government, unions and employers are the framework through which government has led the settlement of recent pay equity claims within the public sector. These principles have underpinned the development of the Equal Pay Amendment Bill, currently awaiting its second reading in Parliament.

The Bill brings pay equity discussions from the court to the bargaining table, which should make it easier for employees to raise claims, and enable employees and employers to work together to determine an equitable pay rate.

- To close the gap in the amount of unpaid work women perform, paid parental leave is able to be transferred to a second parent, usually the child’s father. The total available time of parental leave has been extended to 26 weeks, which may make it more feasible for some leave to be transferred. Of course, this does not address all the many other types of unpaid work that women do, apart from childcare.
- Increasing accessibility of flexible working arrangements is important for enabling people of all genders to balance paid work with other responsibilities. Under the Employment Relations Act, all employees have the right to request a flexible working arrangement, and their employer must consider the request in good faith.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

- The public service is working to lead by example to achieve gender balance. In 2018, a group consisting of representatives from the State Services Commission, Ministry for Women, and Public Service Association (union representing public sector employees) worked together to develop a Gender Pay Gap Action Plan. This includes milestones such as eliminating bias from remuneration systems, ensuring that there is gender balance in leadership roles, and making flexible working arrangements available to all staff. This action plan has been very successful, with the public service gender pay gap narrowing significantly since the action plan’s introduction. We intend that this work will show private sector employers that targeted effort is effective for reducing gender gaps.
- The Māori and Pacific Trades Training programme has a focus on recruiting, retaining and ensuring employment outcomes for Māori and Pacific women to achieve in fields that are traditionally male-dominated. Significant differences exist between different cultural and ethnic groups in New Zealand, particularly between the Pākehā dominant European settler population and Māori the indigenous peoples, and too, the Pasifika migrant groups from the Pacific Island economies of Samoa, Tonga, Cook Islands, Tokelau, Niue, Fiji, Tuvalu and our most recent migrants from Kiribati. In all ethnic groups, women earn less than men. The overall gender pay gap is 9.3%. For Pākehā women, the gender pay gap is about 7.4%, while for Māori women it is 18.5% and for Pacific women it is 19.6%. Many women consider that trades training is not “for” them, but seeing other women succeed in these fields can be very powerful for showing women that their gender should not be a limit on their career choices.

4. **Leading practices:** Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

Over the past decade, the government has made significant progress on support for working parents. This includes providing up to 20 hours free early childhood education per week, extending paid parental leave to 26 weeks, and providing all employees with the right to request flexible working conditions (such as a variation to days, hours or location of work). Access to

and the availability of childcare services are acknowledged barriers for women, especially low paid women, to participate in paid work. We consider that providing services to support childcare has been key to increasing women's labour market participation (currently 65.6 % and over 10 % higher than it was in 1990).

The Public Service Gender Pay Gap Action Plan, as outlined in the response to Question 3, has demonstrated the positive outcomes that can be achieved when coordinated and agreed actions are implemented and publicly reported by the most senior sector leaders.

We consider that the introduction of domestic violence leave is symbolically important as it enables victims/survivors of violence to maintain their connection to the labor market. The leave entitlement was recently introduced in April 2019 by the Domestic Violence Victims Protection Act 2018 and it remains too early to determine the policy's economic impact. The workplace is often a relatively safe space for victims/survivors of domestic violence and the ability to be economically independent can be extremely important for long-term safety.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

A recent 2018 monitoring and evaluation report on the 20 hours free ECE policy focused on the impact of parenthood on labour market outcomes for women and men. Key findings identified that parenthood increases the gender gap in hourly wages. Women's earnings fell dramatically when they become parents while men's monthly incomes continued to increase smoothly. This significantly increased men's average earnings advantage over women and has long-term consequences for the gender retirement gap women experience. A second report focused on the effect of the 20 hours free ECE policy on mothers' earnings and found it had positive labour market effects for only the lowest earning mothers. Enablers and the long-term impact of women's labour market participation continue to drive early childhood research and the need for sex-disaggregated data to inform women's policy.

The State Services Commission (SSC) calculates a gender pay gap for the public service comparing the average salaries of men and women in full and part time work. Since 2000, the SSC has reported the Public Service gender pay gap using average (mean) pay. These statistics are reported on an annual basis. Mean pay better reflects employees with very low or very high pay and the fact that women are overrepresented in the low paid groups and underrepresented in high paid groups.

In the Gender Pay Gap Action Plan, the Government, Public Service chief executives and the Public Service Association agreed a comprehensive set of actions and targets that will help close the pay gap in the Public Service. The Gender Pay Principles provide a framework for creating working environments free of gender-based inequalities, based on collaborative action between agencies, employees and unions. Eliminating gender pay gap is a chief aim of the Principles. Government agencies proactively release their gaps, despite not being legally compelled to do. The four key areas of Public Service Pay Gap Action Plan are:

- equal pay: by the end of 2020 all agencies will have closed any gender pay gaps within the same roles
- flexible work by default: by 2020 all agencies will be flexible-by-default

- bias and discrimination: by the end of 2018 there will be no gaps in starting salaries for the same roles
- gender balanced leadership: by the end of 2019 women will hold at least 50 % of leadership roles in the top three tiers of leadership.

Each agency has been tasked with making their own plans to address these areas and undertake standardized measurement of gender pay gaps so they can be corrected in the next remuneration round. SSC estimates that differences in occupational group, seniority and experience (through age) between men and women explains around 59% of the overall gender pay gap of 10.5%. While data analysis can help to highlight some of the factors that contribute to pay gaps, it does not negate them as factors that need to be addressed in order to reduce the gender pay gap further.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC can provide a framework for identifying and capturing concrete, meaningful targets which could be adopted by other regional bodies. In 2017, ASEAN members adopted the Action Agenda on Mainstreaming Women’s Economic Empowerment (WEE). The Action Agenda aims to bolster Women’s Economic Empowerment through innovation, trade and inclusive business, and human capital development by encouraging each ASEAN member to carry out actions in support of the agenda. There are requirements for implementing the Action Agenda that need to be adhered to including: consciousness, capacity and collaboration which will aid in the translation of plans, programmes and policies. With the APEC Economic Committee specifically focused on the five core areas of structural reform, APEC work on women’s economic empowerment in the EC and PPWE and the focus on Women’s economic empowerment through the ‘La Serena Roadmap’ could be utilized as frameworks or tools for the ASEAN Action Agenda on Mainstreaming Women’s Economic Empowerment. Specifically, the La Serena Roadmap includes concrete, meaningful targets and will therefore have a significant, positive impact for women in the region.

APEC’s business arm, the APEC Business Advisory Council (ABAC) could assist with encouraging private sector organizations to proactively address gender equality within their organizations. For example, if organizations in traditionally male-dominated fields work to create a safer and more affirming environment for women, we may see a decrease in occupational segregation, and a consequent reduction in the gender pay gap.

APEC’s mainstreaming of gender and women’s issues can continue to role model inclusive approaches to economic participation. The persistence of APEC to include and mainstream gender issues, continues to have an impact on international and multilateral originations. In 2017 the WTO issued the Buenos Aires Declaration on Women and Trade. Gender provisions are an increasing feature of FTAs. Generally they have been used to reaffirm existing commitments. But increasingly they also create cooperation mechanisms to promote equal opportunity and, in some cases, legal obligations that can reinforce international standards at the domestic level.

APEC’s approach to data collection, monitoring and evaluation could provide a framework, and in time, a model for a standardized approach to collection of data across the region. APEC data indicators, such as the ‘Women in the Economy Dashboard’ are a useful framework and could provide guidance for other international organizations. The standardization of disparate gender disaggregated data across APEC economies is a valuable

tool and allows regional organizations to gauge areas where further investigation and regulatory change is needed in order to advance women's economic empowerment.

PAPUA NEW GUINEA

<p>1. <u>Barriers and challenges:</u> What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?</p>
<p>Barriers and challenges to women's economic participation:</p> <ul style="list-style-type: none"> a) Access to opening bank accounts b) Access to credit c) Language barriers d) Cultural and traditional norms e) Financial Literacy <p>Identified sub-populations of women who face additional barriers and challenges:</p> <ul style="list-style-type: none"> a) Persons with disabilities b) Rural Informal sectors c) Illiterate groups
<p>2. <u>Structural reform needs:</u> What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.</p> <p>If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??</p>
<p>Structural reform needs:</p> <ul style="list-style-type: none"> a) Gender inequality b) Violence against women c) Financial capability and basic financial education <p>Initiatives to address gaps in structural reforms:</p> <ul style="list-style-type: none"> a) Implementation of the Gender Equality and Social Inclusion (GESI) Policy b) National Financial Inclusion Strategy 2016-2020, addressing financial independence and reaching the unbanked to be banked c) Financial Literacy Rollout programs in the rural areas d) Opening of bank accounts e) Banking services
<p>3. <u>(Non-structural) Policies and Initiatives:</u> Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.</p>
<p>GESI Policy. This policy sets a framework for promotion of gender equity and social inclusive practices across the all sectors.</p> <p>Social Protection Policy. This policy entails the framework in which all citizens, particularly vulnerable and disadvantaged individuals and groups, will be provided with the support they require from Government, service providers and the wider civil society to enjoy their rights and to meet their development needs.</p>

<p>4. <u>Leading practices:</u> Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?</p>
<p>The GESI policy came on board after 2015 so the impacts are still in progress. Organizations have adopted this policy are part of their initiative to promote gender equality and social inclusion.</p>
<p>5. <u>Monitoring and evaluation (data and enforcement):</u> How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?</p>
<ul style="list-style-type: none"> a) Opening of Bank accounts b) Number of Trainers trained to facilitate the retail trainers c) Number of sim cards that access phone banking services d) Data recorded every quarter sent to Central Bank for variances and made public e) The challenges faced at the sustainability of the data and challenges of chasing after the dormant accounts and the figures that decrease as a result f) There is also a challenge to understand other factors apart from the financial services that may have contributed to the success/failure in empowering women in PNG context. g) Transition of ANZ bank to Kina has affected the client’s accounts and the drop in maintaining and sustaining banks accounts.
<p>6. <u>Regional cooperation:</u> What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?</p>
<p>Work in collaboration with other international institutions like the Green Climate Fund (GCF), Alliance for Financial Inclusion (AFI), Foundation for Development Corporation (FDC) to further discuss and develop alter policy interventions to advance work on women’s economic empowerment.</p>

PERU

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Informality and unpaid care and domestic work. According to the Report on Gender Gaps of the National Institute of Statistics and Informatics (INEI), 51.4% of the poor population of Peru is female. This data is significant if we observe the rate of women (over 14 years old) who do not have their own income is almost 2.5 times (29.2%) more than the rate of men (12.4%). This situation is exacerbated in rural areas, where 41.2% of women are under this condition, compared to 12.9% of men. In that line, 37.6% of women are independent or self-employed workers, and 15.3% are under the category of "family workers", situations where they often do not receive remuneration. Furthermore, 64% of women are economically active or looking for a job, compared to 81% of men. In the urban area, the gap between women and men is 16.7% and in the rural area, 15.8%. Also, a relevant fact is that 75.3% of women is engaged in the informal sector, compared to 70.1% of men.

This data must be analyzed along with the size of companies where women work. Thus, 70.9% of women, who had a paid job, worked in micro and small companies, 5.5% in companies with 6 to 10 workers, 6.2% in companies with 11 to 50 workers, and 17.7% in companies with more than 51 workers. In addition, women tend to work in "other services" with a rate of 42.4%, commerce with 25.8%, agriculture with 20.8% and manufacturing with 8.4%.

This situation of female employability must be taken into account when formulating actions framed in economic recovery. Developing gender-neutral responses will only reproduce the previous gender inequalities, exacerbated in the current setting of an economy-wide emergency. In this sense, the objective of this proposal is to incorporate the gender perspective into the containment measures of COVID-19.

Economic violence based on patriarchal cultural behaviours. The National Survey of Social Relations – ENARES 2019 (INEI) analyzes how Peruvian society tolerates violence against women. Economic violence is a phenomenon that includes several manifestations. For example, the 52% women who are currently married or living together with their partner were prohibited from working; and, in the 43.2% of cases, their partner refused to give her the money necessary for a household.

We must take into account that gender relations are power relations, where culturally the one who has more money is the one who exercises more power over the other person. When they are prevented from working in a remunerated job, a type of economic violence is perpetrated according to the definition of Law 30364. Usually, this type of violence can go unnoticed because it does not often involve physical aggression. However, it has an impact on the full development of women's lives and especially on the construction of their autonomy.

Also, ENARES 2019 collects the perceptions of citizens about various situations of gender violence. Concerning economic autonomy and how gender violence directly affects this fundamental right of women, there is a statement: "Women must fulfil the role of mother and wife, and after, they can achieve their dreams". The results show how the traditional role of mother/wife prevails in Peruvian society. Personal achievements (academic and/or professional) take second place once the woman forms a formal couple or has children. These

perceptions of what is adequate / expected of women harm the development of women's autonomy. Therefore, it is imperative to sensitize the population about co-responsibility in the care of domestic and care work, promoting new models of masculinity and fatherhood, as well as recognizing the hard work that women carry out in their homes.

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

In 2012, the Ministry of Development and Social Inclusion (MIDIS) was created in order to separate the functions of social development and the fight against poverty from those aimed to achieve gender equality. Since then, the Ministry of Women and Vulnerable Populations (MIMP) has assumed the stewardship of domestic and sectoral policies across Peru on women's rights and prevention and protection against violence.

In 2012, the Third National Plan for Gender Equality - PLANIG (2012-2017) was issued. The objective of this document is to apply the gender approach in the public policies of the three levels of government (central government, regional governments and local governments). Also, it establishes the strategic objective of ensuring the economic rights of women in conditions of equity and equal opportunities, including the following topics: reconciliation between life family and work, sexual harassment at work, social security for domestic workers, and training and technical assistance for employability.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Maternity leave for working women:

- a. Law No. 26644 (1999) determines that it is the right of the pregnant worker to enjoy 45 days of prenatal and postnatal rest, indicating that both periods can be accumulated after notifying the employer. Likewise, it was pointed out that the pregnant worker can use her pending vacations from the day after the expiration of postnatal rest.
- b. Law No. 27606 (2001) extends the maternity leave for an additional 30 calendar days in cases of multiple births.
- c. Supreme Decree No. 005-2011-TR (2011) regulates the Law No. 26644 and specifies that the maternity leave allows the mother to enjoy 90 calendar days in total, which can be distributed in periods of 45 days each. Also, it sets that, in case of multiple births, the postnatal rest will be extended for an additional 30 calendar days.

Paternity leave:

Although the paternity leave refers to fathers, the simple fact that men are also granted this right allows not only women to be in charge of the care of new-born children but both parents to take part in it. Furthermore, it especially allows the mother who has just given birth to recover and feel emotionally supported and in this way she rejoins her work with greater ease and animosity.

- a. Law No. 29409 (2009) establishes that workers in public and private activities, as well as those included in the Armed Forces and the National Police of Peru, have the right to receive parental leave when their spouse or cohabiting partner lights up and is granted for 4 consecutive business days. In addition, the law specifies the inalienability of said benefit in favour of family development.
- b. Law No. 30807 (2018) establishes that paternity leave is granted for 10 consecutive calendar days when it is natural or caesarean birth and; if in exceptional cases, the period of leave varies to 20 calendar days for premature births and multiple births; 30 calendar days for birth with a terminal congenital disease or severe disability; and 30 calendar days for severe complications of the mother's health. Similarly, it was established that if the mother dies during childbirth or during her leave, the father will be benefited by said leave. Finally, the father is also allowed to enjoy his pending vacations after his paternity leave expires, after notifying his employer.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Development of capacities for employability and generation of own income. This work is carried out by most public entities, which provide training services, technical assistance and advice for the labour insertion of the general population. Women's access to these public services has increased in the last five years. On average, 40% - 50% of the total number of participants are women, which shows that this intervention is incorporating the focus of gender contributing to the reduction of gender gaps in access to services, the development of employability and generation of own income. Also, there are initiatives to counteract the presence of discriminatory cultural patterns in economic activities that, by tradition, are called "masculine" (construction, agro-industrial, aquaculture technology, footwear, forestry, fisheries, and textile-camelids). To strengthen and consolidate this process, the 17 Ministries and the 26 regional governments have a mechanism for gender equality (commission, committee or working group), whose purpose is to promote policies and institutional management with a gender approach that contribute to reducing gaps between women and men.

National Policy on Gender Equality 2020–2030. This seeks to solve the "structural discrimination against women", identifying as a fundamental cause of the discriminatory sociocultural patterns that reinforce the unequal assignment of roles and that by the action of institutional norms and culture are reproduced and perpetuated, resulting in the violation of several human rights. The policy objective 4 regarding the exercise of women's economic and social rights integrates three policy guidelines: i) implement the economy-wide system of care with a gender approach for people in situation of dependency, ii) increase access and control of the productive and patrimonial resources of women, and iii) labor insertion of women.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

During the 2012-2018, when PLANIG was in force, the body that took over the monitoring and evaluation of the intervention in gender equality, including the women's economic

autonomy, was the Multisectoral Commission made up of Deputy Ministers of several sectors of the government.

Each public entity, responsible for the results determined in the PLANIG, reported the progress in the execution of goals on an annual basis. That information was systematized in a Progress Report (in compliance with Law 28983), which is presented to the Plenary Session of the Congress of the Republic.

For the annual progress report, the Directorate for the Promotion and Development of Women's Economic Autonomy of the Ministry of Women and Vulnerable Populations (MIMP) indicates the fulfilment of goals regarding the activities carried out to improve women's employability and income generation.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

Taking into account the diversity of economies in the region, APEC can be used as a platform for the exchange of experiences and regulations.

THE PHILIPPINES

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Barriers and challenges:

Providing care work for dependents takes women out of the labor force. In general, the Philippine culture, as reflected in the patriarchal family structure and stereotyped gender roles, expects women to provide care work for dependents such as children, persons with disabilities, and older persons. In this light, women are more likely to withdraw from the labor force in their peak childbearing age of 25 to 29 years old²⁴.

Persistent gender wage gaps in some sectors and occupations. In general, male agricultural workers were paid higher than their female counterparts (USD5.98 per day for males and USD5.52 per day for females).²⁵ Across occupation groups, gender wage gaps in 2017 were reportedly high in craft and related trades workers (25.5%); service and sales workers (24.4%); and elementary occupations (23.5%). These occupation groups showed higher average daily basic pay for men than women²⁶.

Sub-populations of women who face additional barriers and challenges

Poor and rural women are more likely to have more children than their urban counterparts and thus are more likely to be financially dependent on their husbands. Women workers in rural areas are less likely to have social insurance benefits.

Women in the informal economy. Women are largely overrepresented in the informal sector employment, which is characterized by a lack of social protection, low remuneration, and poor working conditions. Data limitations and lack of registry, especially on vulnerable groups such as workers in the informal economy, hinder the effective and timely programming and planning for social protection interventions.

Muslim women are the least likely to be economically active. Muslim women, because of religion, are the least likely to be economically active. Religious beliefs and practices have raised them to subordinate themselves to, and be more dependent, on men. Muslim women are likewise bound to other practices such as the wearing of a hijab and other prohibitions in terms of attire and against certain occupations, e.g., arts and entertainment. These confine them to largely informal sector employment and, to a limited extent, public sector employment even for those who have completed tertiary education.

²⁴ National Economic and Development Authority (NEDA). (2019). *Determinants of female labor force participation in the Philippines*. Retrieved from <https://bit.ly/2N7cnJd>

²⁵ Philippine Statistics Authority (PSA). (2019). *Trends in agricultural wage rates 2016-2018*. Retrieved from https://psa.gov.ph/sites/default/files/Signed_Trends%20in%20AWRS%202016-2018%2029%20Oct%202019.pdf

²⁶ PSA. (2019). *Decent work in the Philippines: Equal opportunity and treatment in employment*. Retrieved from <http://www.psa.gov.ph/sites/default/files/attachments/ird/specialrelease/LABSTAT%20Updates%20Vol%203%20no%202%20Equal%20Opportunity%20and%20Treatment%20in%20Employment.pdf>

- 2. Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

On unequal distribution of unpaid care work and domestic work. Recognizing, reducing, and/or redistributing unpaid care and domestic work by:

- i. Expanding the coverage of the provision of quality, affordable, and convenient childcare services in both public and private sectors;
- ii. Providing support systems for elderly care;
- iii. Strengthening the implementation of policies (e.g., Telecommuting Act [Republic Act 11165],²⁷ among others) that promote work-life balance through work from home, flexi-time work, and four-day work week arrangements;
- iv. Strengthening the implementation of policies and programs (e.g., 105-Day Expanded Maternity Leave Law [RA 11210],²⁸ among others) that encourage the presence of working men in the home and increasing their involvement in child-rearing.

On persistent gender wage gaps in some sectors and occupations. Reviewing labor practices of both public and private sectors that may contribute to gender biases in the workplace.

On the limited social protection for poor, rural women, and women in the informal economy:

- i. Enhancing the adaptability of the social insurance benefits to new and emerging trends that will make it easier for women to access these services through physical and online platforms, as well as through simple registration and payment processes; and
- ii. Creating a registry of vulnerable groups that ensures effective and timely implementation of social protection policies and programs.

On increasing the number of economically active Muslim women:

- i. Increasing the access to higher education that will strengthen their bargaining power with regard to the use of their time;
- ii. Crafting policies that encourage employers to make accommodations for workers' religious requirements in clothing, unless this presents a public health and security hazard;
- iii. Designing programs and interventions that will promote more inclusivity among diverse religious communities and reduce prejudiced attitudes towards Muslims; and

²⁷ Allows employers to offer staff the choice to work from an alternative workplace.

²⁸ Provides for the female worker to share 7 of the 105 days maternity leave to the father of the child, in addition to the existing seven days paternity leave and provides female solo parents additional 15 days paid maternity leave

- iv. Strengthening the capacity of institutions (i.e., Bangsamoro Autonomous Region in Muslim Mindanao through its Regional Reconciliation and Unification Commission to peacefully solve rido²⁹ conflicts.

The Philippine government undertakes several measures that aim to promote the economic empowerment of women, which include, but are not limited to:

- i. Reviewing existing economic programs for women towards consolidating these programs for greater impact;
- ii. Identifying and reviewing existing key economic programs for women and enhancing women's access to economic resources such as capital, technology, information, market, and training; and
- iii. Addressing the negative impacts of globalization on women³⁰.

The Philippines Social Security System (SSS) has been implementing several innovative programs to expand its coverage among the working population. These programs include the *AlkanSSSy* Program, which helps workers in the informal sector save for their monthly SSS premium contributions and the *KaltaSSS-Collect* Program, which extends SSS membership to job orders or contractual workers in government.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

To reduce limitations that domestic responsibilities place on women that hinder them from entering and staying in the labor market and to eliminate all forms of discrimination and violence against women, the following are recent legislations that have been passed to foster higher participation and retention of women in the workforce:

Telecommuting Act (RA 11165). Enacted in December 2018, the law recognizes alternative workplace arrangements for those working in the private sector through the aid of technology. It seeks to promote workers' well-being and productivity through flexible working arrangements subject to the firms' willingness or as part of collective bargaining agreement. This also reduces the employment barriers for women as it provides them more flexibility and allows them to work while attending to their household duties.

105-Day Expanded Maternity Leave Law (RA 11210). Enacted in February 2019, the law increases maternity leave benefits of women workers from 60 days to 105 days, with an option to extend for additional 30 days of unpaid leave for public, private sector, and informal economy. It also provides additional 15 days of paid maternity leave to female solo parents and an option to share 7 of the 105 days to the father of the child, in addition to the existing seven days paternity leave benefits or to an alternate caregiver. Acknowledging the vital role of women in the labor force, the law intends to uphold women's welfare by providing maternity and early child-rearing protection while guaranteeing workforce reentry.

²⁹ Clan feuds characterized by a continuing cycle of retaliatory violence, which leads to perennial displacement of families and clans and adversely affecting both education, work, and livelihoods of all the members of the involved clans and even among neighbors.

³⁰ Philippine Commission on Women (PCW). (n.d.). *Philippine initiatives to promote Women's Economic Empowerment*. Retrieved from <https://www.pcw.gov.ph/focus-areas/womens-economic-empowerment/initiatives>

Safe Spaces Act (RA 11313). Enacted in April 2019, the law defines and penalizes gender-based sexual harassment in streets, public spaces, online, workplaces, and educational and training institutions. It expands the scope of the law against sexual harassment, which used to be limited to work and educational and training institutions. It now also includes peer-to-peer sexual harassment.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

The most effective structural reform implemented in the past 10 years that has been enabling women's full and equal participation in the economy are the enactment of laws such as:

An Act Allowing the Employment of Night Workers of 2011 (RA 10151), which expands women's employment or work options by repealing Articles 130 and 131 of the Labor Code of the Philippines that prohibits women from working during night time;

Domestic Workers Act of 2013 (RA 10361) or the *Batas Kasambahay*, which defines the labor rights of domestic household workers, majority of whom are women, increases their minimum wage, and provides regular employment and social protection benefits; and

Magna Carta for Micro, Small, and Medium Enterprises (RA 9501), which supports women's entrepreneurship.

Implementation of the Gender-Responsive Economic Actions for the Transformation of Women (GREAT Women) Project. The implementation of the GREAT Women Project under the guidance of the Philippine Commission on Women (PCW) and the support of the Canadian Government, led to the convergence of government agencies and private sector partners in creating an enabling environment for women's economic empowerment at the central and local level to support women micro entrepreneurs. The project is also instrumental in teaching government agencies and local government units to apply 'gender mainstreaming' in their policy-making, planning and budgeting, and service delivery that can improve their effectiveness as government agencies and institutions, as their services benefitted women in microenterprises. Further, it highlighted the importance of building the capacity of women as entrepreneurs by assisting them in improving their products to target specific market needs and enhancing the competitiveness of their business. The project likewise intends to promote women's economic leadership and empowerment so that women realize the benefits from entrepreneurship.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

The Philippines monitors, evaluates, and guides the enforcement of structural reform for gender equality and women empowerment through legislations, the Philippine Development Plan or the economy's socioeconomic blueprint, the Gender Equality and Women Empowerment Plan 2017-2022, and the National Action Plan on Women, Peace, and Security 2017-2022, among others.

The Philippine data on female labour force participation are generated through the Labor Force Survey (LFS), an economy-wide quarterly survey conducted by the Philippine Statistics Authority (PSA) in the months of January, April, July, and October. Specific data generated from the LFS include percent distribution of population 15 years old and over by employment status, by sex, and by age group; and proportion of women in managerial positions. On the other hand, the Election Records and Statistics Department of the Commission on Election has an administrative data on elected candidates by elective position, by sex both in economy-wide and local elections.

The regular collection of time-use information, either through stand-alone surveys or as rider questions in other economy-wide household-based surveys is needed. This is in view of crafting evidenced-based policies and programs to address unequal distribution of unpaid care work and domestic work, which hinders women from actively engaging in paid employment.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

The APEC can focus on better trade and investment facilitation, and economic and technical cooperation for women's economic empowerment through structural reforms in policy, program, and projects in the region.

RUSSIA

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

The key barriers for women in Russia are:

- stereotypes, especially the fear of a women to launch her own business;
- forced career gaps;
- the gender pay gap (still exists, though any gender-based discrimination is legally prohibited).

There are no specific groups of women in Russia who face additional challenges.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

- Loss of qualifications by women during parental leave
- Gender pay gap
- Deficiency of sex-disaggregated data

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

The economy-wide strategy of action in the interest of women for 2017-2022 was adopted by the Decree of the Government of Russia No. 410-p (8 March 2017). The Strategy defines key policies in regard to women and is aimed at implementation of the equal rights and freedoms' principle as well as creation of equal opportunities for women to realize them in line with the Constitution of Russia, universally accepted principles and norms of the international law, international agreements signed by Russia.

The Strategy is implemented in two stages and focused on several dimensions:

- creation of favorable conditions for maintaining women's health at all ages
- improvement of women's economic position, provision of their growing welfare
- conduct of preventive measures to avoid social ill-being and violence targeted at women
- enhancement of women's participation in social and political affairs
- improvement of domestic sex-disaggregated statistics.

According to the Plan of action, in 2018 such measures in regard to women were undertaken as: prevention of non-infectious diseases and reduction of the risk factors for their development, professional education and further vocational education for women on a parental leave (with children aged up to three years), reconsideration of the list of industries, jobs, positions with

dangerous labor conditions, where women's labor is restricted, support for women entrepreneurship, prevention of social ill-being and violence targeted at women as well as human trafficking, implementation of the programs raising awareness of women about potential opportunities for participation in social and political affairs, improvement of domestic sex-disaggregated statistics.

At the moment the new Plan of action for 2019-2022 is being implemented which focuses majorly on creating conditions for maintaining women's health at all ages, women's economic empowerment, development of professional skills and competences of women and girls needed in diverse branches of industry, attraction of women to studying STEM sciences, stimulation of work in knowledge intensive industries and advanced high-tech companies, popularization of women entrepreneurship and advancement of women's success stories, preventive measures to avoid violence targeted at women, including in the framework of the joint project with the Council of Europe, enhancement of women's participation in social and political affairs, development of international cooperation including in the framework of the joint project with the Council of Europe, organizational provision for implementing women-related policies and conduct of the third Eurasian Women's Forum.

The Plan of action also envisages activities promoting international cooperation within the UN, OSCE, Council of Europe, APEC, BRICS, and Group of Twenty.

The Coordination Council on implementation of the Strategy has been established under the Government of Russia to foster coordination between all the levels of authorities as well as academia, NGOs and other entities in the Economy.

In order **to increase women's employment**, the Ministry of Labor has issued the Order № 512H (18 July 2019) reducing the list of heavy jobs and jobs with toxic or dangerous working conditions, where women's labor is restricted. It will come into force since 1 January 2021.

A new list was adopted to replace the previous list that had been endorsed by the Decree of the Government of Russia № 162 (25 February 2000).

The new list is four times less than the previous one: 100 positions instead of 456. Criteria that guided the update of the list were factors, which are dangerous for the reproductive health of women, influencing health of future generations and potentially having negative repercussions. Restrictions were lifted for such professions as: drivers of oversize vehicles and agricultural vehicles (such as truck, tractor, tip-truck) excluding operators of building machinery (bulldozer, excavator, grader); deck crew member (boatswain, skipper, sailor) excluding work in engine-rooms; electric locomotive operator, operators of high-speed trains; climbing works at above 10 meters height.

The list does not cover women's labor in the pharmaceutical industry, healthcare centers, R&D laboratories, organizations providing consumer services. When creating safe working conditions, employers are free to apply to women's labor without restrictions.

4. **Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Reskilling of women (upgrade in qualifications) on a parental leave (the Federal Project “Facilitation of women’s employment – creation of pre-school education environment for children at the age of up to three years”)

Reduction of the list of physically demanding jobs and jobs with abusive and dangerous working conditions, which are restricted for women’s labor (order of the Ministry of Labor № 512H (18 June 2019) decreases four times the number of prohibited for women jobs).

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

The monitoring of the labour market is conducted on such figures as:

- level of female employment
- level of female employment (for women with children of the pre-school age)
- proportion of women in diverse branches of industry, improvement of their professional skills and competencies in the relevant spheres
- proportion of women studying STEM, increase in their awareness rates on the labour-related rights and protection of labour, awards for business- and socially active women
- assessment (including with opinion polls) of needs of women on a parental leave (with a child at the age of up to three years) in professional education and additional vocational education and training.

6. **Regional cooperation:** What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC may conduct capacity buildings workshops in cooperation with other international organizations and fora aimed at women’s economic empowerment in the Asia-Pacific. Currently we already maintain cooperation in the framework of PPWE and HLPDWE.

We believe that due to the collaboration with international organizations, groupings and fora in capacity buildings and sharing best experiences, we may contribute much to elaborating digital literacy programs for women, including with the use of global digital platforms.

APEC can serve as well as a useful and supportive platform for projects and initiatives aimed at women’s economic empowerment in the Asia Pacific. The good case is APEC BEST AWARD – an annual contest organized by Russia for the best female entrepreneurs’ projects.

SINGAPORE

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Singapore acknowledges that more needs to be done to support women in balancing work and family responsibilities, as well as to have more women on boards and in senior management positions of companies and organisations in the public and people sectors.

Cultural norms and perspectives on traditional gender roles, particularly in Asia, hamper women's participation in economic activity and will take time and effort to change. The government will continue to work with the private and people sectors to shift mindsets and create an empowering environment for women.

2. **Structural reform needs:** What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

The Singapore government has taken steps to promote work-life harmony and a more balanced share of parental responsibilities, to provide for more and affordable early childhood and eldercare services and to help women remain employable.

Work-Life Harmony. To support women to more effectively balance their career and family aspirations, the government actively promotes the adoption of:

- Flexible Work Arrangements (FWAs). Launched in 2017 to encourage employers to allow FWAs for their employees.
- Work-Life Grant (WLG). To incentivise employers to sustain their FWAs with funding support of up to S\$105,000 per company over 2 years from a government budget of S\$100 million.
- Tripartite Standard Unpaid Leave for Unexpected Care Needs. Launched in 2018 to encourage employers to provide additional leave support to employees during unexpected caregiving exigencies.

In 2019, the government convened a Citizens' Panel to find new ways to strengthen Work-Life Harmony (WLH). The tripartite partners (Government, Singapore National Employers Federation and the National Trades Union Congress) supported citizens' recommendations to make FWAs easy to implement; promote FWAs; and change societal mindsets to be more supportive of FWAs and WLH initiatives.

Balanced Share of Parental and Caregiving Responsibilities. Initiatives include progressively enhancing leave provisions for fathers. As at 2019, fathers have two weeks of paid paternity leave and can share up to four weeks of their wife's maternity leave. Including paid childcare leave and unpaid infant care leave provisions, fathers can enjoy a total of up to

about 8 weeks of leave to share the responsibility of caring for their children in the first year of birth.

More and Affordable Early Childhood Services. The Singapore government is committed to improving the quality and accessibility of early childhood services, while keeping fees affordable so that both our women and men can pursue their career and family aspirations.

- Annual government expenditure in the preschool sector will more than doubled over the next few years, from S\$1 billion in 2018.
- Preschool has been made more affordable for the broad majority of low- and middle-income families. Subsidy enhancements were made in 2013, 2015 and 2019. Gross monthly household income ceiling for the subsidies was raised to S\$12,000 in 2019 so it will benefit more middle-income families. Since Jan 2020, low-income families earning S\$3,000 or less per month are receiving more subsidies and pay S\$3 per month at anchor-operators' pre-school.
- More support will also be provided to low-income families with non-working mothers by linking assistance schemes across the preschool, social and housing sectors which will take effect from Aug 2020.
- Fixed points of assessment were also introduced to provide parents with greater certainty on the amount of subsidies they can receive, as they transit between jobs or take on caregiving responsibilities.

More and Affordable Eldercare Services. Likewise, for families with elderly persons to look after. The Ministry of Health (MOH) provides subsidies for a range of eldercare services to address the care needs for eligible seniors, including day care, home care and respite care services, to alleviate the financial and physical burden of caregiving and for both women and men who are carers to have time for their own career commitments.

Helping Women Stay Employable. Initiatives that help Singaporeans, both men and women, stay employable include:

- **Adapt and Grow Package of Schemes.** To provide employment and placement support for workers, both men and women, re-entering the workforce, or transiting to new jobs. One of these schemes is the Career Trial, which provides opportunities for jobseekers and employers to try each other out, over a period of time, and assess job fit. Career Trial includes part-time jobs, especially for caregivers who are keen to balance their family and caregiving responsibilities.
- **SkillsFuture.** To provide Singaporeans with lifelong learning opportunities that will help them stay adaptable to a changing rapidly changing economy. Initiatives include:
 - **SkillsFuture Credit.** Designed to encourage individuals to take ownership of their skills development and learning. Individuals can use the Credit to pay for a wide range of approved skills-related courses to help them upskill and reskill.
 - **SkillsFuture Mid-Career Support Package.** To provide Singaporeans in their 40s and 50s greater support to stay skilled and employable throughout their lives. With this initiative, reskilling programmes such as the Professional Conversion Programmes, Place-and-Train Programmes and Career Transition Programmes will be scaled up to help individuals take advantage of upskilling opportunities.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

The Singapore government also sees the need to work with various stakeholders to promote women economic empowerment.

Women on Boards. The Ministry of Social and Family Development (MSF) formed a Council for Board Diversity (CBD) to promote having more women representation on boards of Singapore Stock Exchange (SGX) listed companies, as well as on boards of organizations in the people and public sectors. The Council comprised illustrious business leaders and professionals from the people, private and public sectors and has Singapore's top female authority as its Patron.

The CBD engages stakeholders and carries out activities to raise public awareness of the importance of board diversity through having women directors. Through such public awareness programmes, the CBD hopes to change perceptions on women on boards and in leadership.

Working with Community Partners for Cultural Mindset Shifts. To encourage cultural mindset shifts for women to progress in the economy, the Singapore government also works closely with community partners such as Families for Life and Centre for Fathering to encourage fathers to be more involved in caregiving.

4. Leading practices: Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

While we note that more can be done to support women's participation in the economy, measures to support women balancing work and family responsibilities have been effective.

- Our female employment rate for those aged 25 to 64 has risen from 64% in 2009 to 73% in 2019. Singapore is ranked 7th among the 36 OECD members for female full-time employment.
- More women are in Professional, Managers, Executives and Technicians (PMET) jobs, rising from 49% to 57% of females over the decade.
- Women's earnings have also increased, as median income of full-time employed females rose from S\$2,800 in 2009 to S\$4,300 in 2019.
- Paternity leave take-up rate has been increasing from 47.1% in 2016 to 51.9% in 2018.
- In 2018, 9 in 10 employees are in companies that offer at least one form of ad-hoc flexible work arrangements, such as unplanned time-off and ad-hoc teleworking, up from 8 in 10 in 2013.
- Women's representation on the boards of the top 100 primary-listed companies increased from 15.2% in 2018 to 16.2% at end 2019. Representation of women is 25.1% on government statutory boards and 27.8% on the boards of the Top 100 Institutions of Public Character, up from 23.3% and 27.4% in 2018 respectively.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need

to address them? What lessons have been learned and what course corrections have been effected?

Female employment rate for those aged 25 to 64, as well as the nature of their jobs are tracked yearly. The take-up rate of paternity leave and flexible work arrangements are also tracked yearly to ensure that people are using such benefits. Representation of women on boards in the public and private sectors are tracked every half a year.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

To promote women’s economic empowerment in the region, APEC could consider partnering regional/international bodies, such as those in ASEAN, to shift cultural norms and perspectives on traditional gender roles that may hamper women’s participation in economic activity. Such shifts include encouraging more balanced share of parental and caregiving responsibilities, as well as promoting flexible work arrangements.

CHINESE TAIPEI

1. **Barriers and challenges:** What are the key (e.g. top 2-3) barriers and challenges to women’s participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Lower labour force participation rate of women aged 30 years and older. The labour force participation rate for female in the 25-29 age group, accounting for 91.8% in year 2018, was the highest among all age groups. However, due to various factors such as marriage, pregnancy, parenting and family caring, the labour force participation rate drops dramatically for women aged 30 years and older. Currently, only 51% of women are participating in the labour market, indicating that substantial women labour force with great quality doesn’t unleash their potential in the society. Also, the female labour force participation rate and wages are lower than those of the male counterparts, thus raising the risk of poverty and threatening economic security for women at old age.

Insufficiency of affordable child care services and caregiving support. Chinese Taipei has continually faced the challenges of low birth rate and aging population. Conventional social values still view women as the main caregivers in families and thus the lack of accessible, affordable and accountable childcare and elderly care services is one of the key barriers. Women are responsible for most of the caregiving duties, ranging from caring for the elderly to raising children, which might cause women to leave the workforce for not being able to balance their work and family life.

Gender gap in decision-making positions. Due to the conventional norms shaped by social and cultural stereotypes, women are often restricted from participating in public and political affairs, leading to fewer opportunities to take the high-level positions in administrative agencies and judicial institutions. Women’s roles and rights of decision-making are therefore overlooked. Research shows that, notable influences could be brought to the political area, while women’s participation rate reaches 30-35%. Taking Chinese Taipei as an example, in 2018, 23.4% of the political appointees in administrative agencies were women and 26.7% of justices were women. In addition, 42.2% of all civil servants were women, but women only account for 34.6% of senior ranking civil servants. Thus, there’s still a gap between men and women in the decision-making level in Chinese Taipei.

2. **Structural reform needs:** What are your economy’s main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women’s economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women’s equal economic participation??

Enacted regulatory reform for gender friendly workplace, career training and services. Chinese Taipei has implemented the “Act of Gender Equality in Employment” since March 2002, and continuously puts full efforts to ensure gender-friendly workplace for women and promote gender equality. This piece of legislation provides enforcing measures such as prohibition of gender discrimination against job applicants or employees, preventing sexual harassment in workplace, and introducing family-friendly leaves such as family care leave, maternity leave, paternity leave, menstruation leave, parental leave without payment, etc.

In 2013, the “Act of Occupational Safety and Health” was revised to provide female labors who are pregnant or still within their first postpartum year with maternal health measures such as work adjustment, reassignment or other protective measures to prevent potential harm at work. To further enhance economic security for the elderly, Chinese Taipei has enacted the “Employment Promotion Act for the Middle-aged and the Elderly” in 2019, supporting female workers’ re-employment after retirement.

Chinese Taipei also provides various vocational training, tailor-made employment service, re-employment service and employment promotion allowances to support women’s participation to the economy.

Formulated policy guidelines and designated cabinet-level department to coordinate gender equality efforts:

- “Gender Equality Policy Guidelines” has been promulgated since 2011 as a guiding principle for gender equality in Chinese Taipei. Furthermore, the “Gender Equality Committee” (GEC), established in 2012 and composed of gender experts, scholars, representatives of NGOs, serves as a nexus that provides top-down instruction and support, and consolidates the implementation of the Guidelines.
- Along with the GEC, the “Department of Gender Equality” (DoGE) had been set up at the cabinet level to support GEC’s work to incorporate gender perspectives into all policies, coordinate cross-ministerial gender equality policies, and supervise the implementation of gender mainstreaming measures. This is deemed as a milestone for assigning official department to continuously promote gender equality policy based on a well-established mechanism.

Providing affordable and friendly child care service and long-term care for the elderly:

- In order to ease women’s burden of caring responsibilities and boost women’s willingness to enter the labor force, Chinese Taipei tackles these issues by building an environment with friendly and affordable public child care service and long-term care for the elderly.
- Chinese Taipei promoted “Countermeasures against Declining Birthrate” in 2018, helping women seek balance between family needs and career development. The program included expanding services of public child care and preschools, subsidizing private child care and preschools, and encouraging employers to establish child care facilities within workplaces.
- Furthermore, in response to the challenges of an aging society, Chinese Taipei continues to implement “Long-term Care 2.0” upgrading program, which provides family caregivers support service and comprehensive care service system in community.

3. **(Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

Encouraging female to establish their own businesses with access to loans and consultation:

- **Friendly startups ecosystems.** The National Development Council (NDC) has formulated the “Action Plan for Enhancing Chinese Taipei’s Startup Ecosystem” in 2018 to create a robust startup ecosystem. To encourage females to start a business, the NDC has implemented measures such as hosting female entrepreneurs’ events, inviting female mentors to share their experiences, and providing young female entrepreneurs with international entrepreneurship courses, etc.
- “Phoenix Micro Start-up Program”. To support female-founded or female-led startups, the Ministry of Labor (MOL) has launched vocational training and the “Phoenix Micro Start-up Program” to offer business loans and interest subsidies to relieve the financial pressure at early stages. “Business Consulting Service Program” was also launched since 2007 with courses free of charge to enable participants to cultivate management skill along with professional consultation services.
- The Women Entrepreneurship Program. “The Women Entrepreneurship Program”, directed by Small and Medium Enterprise Administration, Ministry of Economic Affairs, provides a complete package of consulting mechanism to female entrepreneurs, aimed at supporting women to overcome difficulties and challenges in different stages of growing their businesses, as follows:
 - “Elite Promotion”: to host the annual Women Entrepreneurship Award to promote outstanding female entrepreneurs and make them as the role models.
 - “Environment Creation”: to assist female entrepreneurs to build their entrepreneurship network via connecting with incubation groups and working with incubation institutions and worldwide brands, such as Facebook, to provide training courses for female entrepreneurs.
 - “Growth Encouragement”: having initiated “Accelerator for Women” since 2019, to assist female-owned enterprises to upgrade their competitiveness through providing consulting mentors, customized services and opportunities to various business forums.

Providing opportunities for STEM education and increased representation of women in STEM careers:

- The Ministry of Education has been encouraging female students to study science, engineering or information technology courses. The Ministry of Science and Technology also has formulated key themes such as “Gender and S&T Research Project” to empower women’s economic capacity through providing ICT skills.
- Chinese Taipei continues to promote diverse representation of women in STEM careers, empower women and girls of diverse socio-economic backgrounds with STEM education and training programs, and to address the digital gender gap for a more inclusive gender-friendly environment.

Promoting women’s participation in decision-making:

- Chinese Taipei continues to pursue the principle of one-third gender ratio in the decision-making level such as directors and supervisors in the government or public institutions, including the Cabinet, ministries and commissions, state-owned enterprises, and government-funded organizations.
- Ministries and commissions have been induced to map out medium and long-term individual projects and laws through the gender impact assessment to incorporate gender perspective.
- To advance corporate governance, the rule of gender diversity on company boards has been

4. Leading practices: Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

Providing family-care supports and creating a gender-friendly environment

- “Population Policy White Paper” amended in 2013 is of help for creating a comprehensive supporting environment for family care, including providing financial supports to families with children, parental leave allowance, and building an affordable child care system with great quality and convenience. By releasing the burden of parenting and taking care of the elderly, female labor force participation rate has also gradually increased in the past decade.
- As a result, the female labor force participation rate in 2019 was 51.4%, rising from 49.9% in 2010. Female labor force participation rate for the age group 25-29 was 92.7% in 2019, higher than that of Japan, Korea, and the US.

Protecting women’s equality in the workplace and increasing their opportunities in the decision-making positions

- Both the “Act of Gender Equality in Employment” and the “Employment Service Act” have instituted regulations on prohibiting gender discrimination and recourse mechanisms to protect women’s equality in the workplace.
- In addition, the Constitution and the “Civil Servants Election and Recall Act” have established clear mandate to assure women’s rights to participate in the decision-making process. Increasingly, women’s impacts in the sphere of public affairs are more obvious nowadays.
- As a result, women accounted for 38.7% of legislators in 2018, an increase of 8.3% compared to 2008. The percentage of women senior rank civil servants has also increased from 22.8% in 2008 to 34.6% in 2018. Furthermore, Chinese Taipei is led by the first ever female leader Tsai Ing-Wen since year 2016, and she was re-elected in 2020, indicating that women’s leadership is well recognized among the electorate.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How,

and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

The Department of Gender Equality (DoGE), under the guidance of Gender Equality Committee and its 6 subcommittees, conducts the evaluation of policy achievement regularly, and collects and compiles various data and statistics continuously from relevant agencies of Chinese Taipei. The DoGE publishes a gender-equality report annually. The report includes seven main themes, namely "power, decision and influence", "employment, economy and welfare", "population, marriage and family", "education, culture and media", "personal safety and justice", "health, medical and care" and "environment, energy and technology".

To better implement the guideline, each government agency has set up its own performance indicators each year and has been diligently working towards achieving the goal under the overall guidance of the DoGE. Relevant data and statistics are to be collected and reviewed as the evidence for efficacy and compliance of the policies. In terms of women's economic participation, some of the key indicators in each area aforementioned are as follows:

- Power, decision and influence: Proportion of female legislators; status of women's participation in decision-making in the government sector; proportion of women directors at public-listed companies.
- Employment, economy and welfare: women's labour force participation rate (by age group); average gender pay gap; cases of initial approval for payment of parental leave allowance and the ratio of male grantees.
- Environment, energy and technology: gender structure of employment (by type of occupation); women's share in professionals, technicians and associate professionals; non-agriculture employee gender pay gap (by Occupation); women's share in R&D personnel.

Furthermore, Chinese Taipei continues to review the achievement of "Countermeasures against Declining Birthrate" and " Long-term Care 2.0" on a rolling basis, making sure that the measures of providing affordable and friendly family support services can be of help for women at work.

6. Regional cooperation: What role can APEC play in promoting women's economic empowerment in the region, including in partnership with other regional and international bodies?

Promoting gender equality could effectively unleash women's economic potential. In terms of APEC's role in promoting women's economic empowerment, enhancing female labor force participation rate and implementing the principle of one-third gender ratio in decision-making level can be set as the top policy priorities to reach the goal. APEC economies can then formulate related strategies accordingly to promote female labor force participation rate and gender equality in decision-making level within each economy.

In addition, APEC can act as a policy platform for member economies and regional and international bodies to interact and exchange viewpoints in mainstreaming gender into policies and programs. Furthermore, by recommending women role-models or women leaders and continuously reviewing the efficacy of the various policies within the region, together with the industry-academia-government collaboration, APEC can help raise women's influence in the decision-making level.

Looking forward, APEC is to enhance its collective efforts for promoting women's economic empowerment through reducing digital gender gap. Facing a fast changing digital world, women need to be better equipped with digital literacy and skills to fit into a competitive business environment and thus to seize opportunities in the digital era. APEC can support more affordable and interactive e-learning programs tailored for female, such as training programs for STEM capabilities and ICT skills. Together with the supporting policies implemented by APEC economies, women's economic empowerment can be unleashed and to play an important role in shaping a more gender-equal society and an economy with inclusive growth in the APEC region.

THAILAND

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

The sub-populations of women who face additional barriers and challenges are female workers, single mothers, and older women staying at home with grandchildren.

There are three barriers and challenges for women to engage in an economic system, namely beliefs and attitudes, economic discrimination, and maternity leave.

First, Thai society views that women must fulfil a wife and mother duty. Although there has been a shift in a socio-economic context in which women are encouraged to work, they are still expected to do domestic work as well as look after family members. According to the National Statistics Office, in 2015, female workers spent almost twice as much time on housework (3.42%) as compared to male workers (1.80%). This put women in a disadvantage position, contributing to an unequal career development in comparison to their male counterparts. This challenge can be alleviated by increasing work-life balance policies such as work from home and flexible working hours.

Second, gender discrimination in the economic system is reflected through different wage rates for men and women, the exclusion of women in some occupations, harassment in the workplace, and low rates of women executives.

Third, women are likely to suffer from pregnancy discrimination in which some are treated unfavorably or even forced to resign. While Thailand has no law on paternity leave, it should be noted that childcare facilities cannot fully support mother to re-enter the workforce either.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Currently, Thailand is drafting Policies and Measures for the Advancement of Women in order to eliminate gender discrimination and inequality, especially in the areas that progress has been unsatisfactory and challenging, such as women's economic participation and violence against women; the issues which are embedded in Thailand's cultural beliefs.

There are two important measures to increase economic empowerment:

- measures to increase economic opportunities for women; and
- measures to resolve direct and indirect burdens as a way to effectively promote women participation in the economy.

Both measures aim at eliminating employment discrimination against women and further enhancing women participation in the economy. An aforementioned target group- female

workers, single mothers, and older women staying at home with grandchildren- will also be directly and timely benefited from these initiatives.

To illustrate, Thailand has built and developed childcare centers in close proximity to business and residential areas. The centers provide affordable, quality, and standard childcare services, thus allowing women to fully focus on their jobs. Also, it is important to create a work-life balance, and encourage fathers to take responsibility for childcare.

- 3. (Non-structural) Policies and Initiatives:** Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women's economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

In order to facilitate women to re-enter the workforce, the government has released the campaigns on maternity leave, paternity leave, and childcare center. First, the extension of the maternity leave for civil servants from 90 to 98 days and an additional leave for 90 days with a half payment are put in place. Aiming to increase father participation in childcare and relieve mother's load, the campaign also allows fathers employed in both the public and private sectors to take a paternity leave of an equal duration as mothers. Moreover, the government has expanded the area coverage of childcare centers for 0-3 year olds with the extension of opening hours. This hopes to reduce barriers for returning mothers after the end of maternity leave.

Regarding laws that promote gender equality in the workplace, the Labor Protection Act no.3 B.E.2551 (2008) has been enforced to ensure equal wages for both women and men in accordance with their skills and capabilities. Moreover, the Skill Development Promotion Act B.E. 2545 (2002) has been executed to ensure that female workers have better access to the skills training by setting a female participation rate at 30%. Moreover, a women entrepreneur network is established to create the sustainable self-reliant business conduct and provide guidance for women entrepreneurs.

- 4. Leading practices:** Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

There are two pieces of legislation that promote women participation. First, the Gender Equality Act B.E. 2558 (2015) aims to protect everybody from gender discrimination and the rights to access economic and social protection, as well as the measure to prevent the sexual harassment in the workplace.

Second, the Labour Protection Act (No.7) B.E. 2562 (2019) requires the employer to pay the same rate of wage to male and female employees where the work performed is of the same nature, quality, and quantity or of equivalent value (equal payment for equal work). The act also covers the extension of maternity leave from 90 to 98 days.

- 5. Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

At the domestic level, the Committee on the Policy and Strategy for the Advancement of Women plays an important role in policy making concerning women issues and gender

equality. The Committee comprised experts and eminent persons from various sectors, monitors and evaluates strategy/policy implementation, as well as amends existing laws. The Committee launched the Women Development Strategy and the Women Development Action Plan (2017-2021) and the Gender Responsive Budgeting (GRB) for public sector; implemented Goal 5 of the SDGs; and analysed data, laws and regulations proposed by the Committee on Convention on the Elimination of All Form of Discrimination Against Women (CEDAW). Additionally, in March 2020, the Department of Women’s Affairs and Family Development established the Subcommittee on Driving and Monitoring of the APEC Cooperation on Women and the Economy as a means to promote women empowerment under APEC economic and women cooperation.

At the local level, since 1995, the provincial offices of Ministry of Social Development and Human Security have formulated relevant policies and coordinated with the local authorities. However, Thailand’s data management system is not well-integrated. Survey and data collection methods lack gender segregation which can be difficult to be used and applied for policy design and gender budgeting.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC should support and enhance opportunities for all women (including female labor, indigenous women, and underrepresented female minorities) to participate in the economic activities. In this case, governments of member economies may function as a coordinating body through engaging with different stakeholders (public, private, and people sectors) in order to strengthen a knowledge-sharing network within APEC and beyond. A cross-sectoral body involvement for women economic empowerment should also be encouraged, as it may help foster greater collaboration for women networks with other regional initiatives.

Partnership with ASEAN members allows Thailand to create the network for knowledge, data and information, and expertise exchange. It can be extended to create the collaborative framework to deal with the regional challenges and regional risk reduction. ASEAN Committee on Women is one of a sectorial body to implement, coordinate and monitor progress of the regional priorities related to women issues. Thailand actively engages in this issue and also a current chair of ASEAN Women Entrepreneurship Network (AWEN) since 2020. The main purpose of AWEN is to increase women-run business in the economy.

UNITED STATES

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

In 1960, the workforce participation rate of women in the United States was 37.7 percent. In the 1960s and 1970s, women workers were concentrated in retail trade, health care services, and education. Women had few legal protections against discrimination in employment. Women earned only 62 cents for every dollar earned by a man in 1979.

Current key challenges include pay discrimination; pregnancy discrimination; combatting harassment.

Women's unemployment rates varied considerably by race and ethnicity. In 2018, Asian women had the lowest rate (3.0 percent), followed by White women (3.4 percent). Unemployment rates for Hispanic or Latino women and Black or African American women were much higher, at 5.1 percent and 6.0 percent, respectively.

Labor force participation varies by marital status and differs between women and men. Never-married women had the highest participation rate of all women at 64.5 percent in 2018. Separated and divorced women were more likely to participate in the labour force (62.7 percent and 61.2 percent, respectively) than married women (58.2 percent).

The labour force participation rate of all women with children under 18 years of age was 71.4 percent in March 2018, about unchanged (71.3 percent) from 2017. Among mothers, the labour force participation rate for those with children 6 to 17 years old, at 76.5 percent in March 2018, was higher than for those with younger children. The rate for those with children under 6 years old was 64.7 percent, and the rate for women with children under 3 years old was 62.0 percent. Unmarried mothers are more likely to participate in the labour force than married mothers. In March 2018, 77.3 percent of unmarried mothers were in the labour force, compared with 69.0 percent of married mothers.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

The Equal Pay Act was signed into law on June 10, 1963 and was one of the first federal anti-discrimination laws. The Act made it illegal to pay men and women working in the same place different salaries for work requiring substantially equal skill, effort, and responsibility. The Act also prohibits any retaliation by employers against workers for filing a complaint of discrimination.

The Civil Rights Act of 1964, a sweeping landmark civil rights law in the United States, outlaws discrimination in a variety of settings, including employment, voter registration, education, and public accommodations—based on race, color, religion, sex, or origin. Title

VII of that law prohibits employment discrimination on these bases by employers, employment agencies, and labour organizations. Its prohibition against sex discrimination includes sexual harassment and gender-based harassment that has no sexual connotations. Title VII, like the Equal Pay Act, prohibits retaliation against those who have filed employment discrimination charges or who have reasonably opposed workplace discrimination on the relevant protected bases. The Pregnancy Discrimination Act of 1978 amended Title VII of the Civil Rights Act to prohibit discrimination against a woman because of pregnancy, childbirth, or a medical condition related to pregnancy or childbirth.

The Comprehensive Employment and Training Act of 1973 (CETA) consolidated a number of existing federal and federally-assisted job training programs to help unemployed, underemployed, and disadvantaged individuals. Significantly, CETA included a prohibition on sex discrimination in these programs, opening the door for model programs focusing on women in non-traditional jobs, special counselling and referral services, pre-apprenticeship training, and job development. Over the years, CETA has been replaced by successor statutes that have expanded the availability of employment-related training and support programs to a wider range of populations. However, all of those statutes—including the current successor statute, the Workforce Innovation and Opportunity Act of 2014 (WIOA)—have continued to bar discrimination against women in the economy’s system of employment training and workforce development programs.

The Family and Medical Leave Act of 1993 (FMLA) entitles eligible employees of covered employers to take unpaid, job-protected leave for specified family and medical reasons with continuation of group health insurance coverage under the same terms and conditions as if the employee had not taken leave. The Department of Labor’s Wage and Hour Division is responsible for enforcing the FMLA.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

One of the grants administered by the Women’s Bureau is the Department of Labor’s Women’s Bureau’s Women in Apprenticeship and Nontraditional Occupations (WANTO) grant program. This grant helps recruit, mentor, train, and retain more women in quality pre-apprenticeship and apprenticeship programs, and encourages them to pursue non-traditional occupations, where, in many instances, women historically have been significantly underrepresented. The WANTO grant program assists employers, community-based organizations, and labor unions in the recruitment, training, and retention of women in apprenticeship and non-traditional occupations. Since 2017, the Women’s Bureau has had primary oversight for administering the grants and awarded funds to 11 community-based organizations. Preliminary internal data show that approximately 3,258 women have been served by the WANTO grants since 2017 through participation in job related training, including formal pre-apprenticeship and apprenticeship programs, safety training, and trade exploratory classes. Since 2017, the Women’s Bureau has awarded \$4.39 million in WANTO grants.

The Small Business Administration’s (SBA) Office of Women’s Business Ownership (OWBO) enables and empowers women entrepreneurs through advocacy, outreach, education and support. Through the management and technical assistance provided by the Women’s Business Centers, entrepreneurs, especially women who are economically or socially

disadvantaged, are offered comprehensive training and counselling on a vast array of topics in many languages to help them start and grow their own businesses.

Since it was established in response to an executive order in 1979, the U.S. Small Business Administration's Office of Women's Business Ownership has fostered the participation of women entrepreneurs in the economy, especially those who have been historically underserved or excluded. OWBO reaches out to women entrepreneurs through a number of programs that are coordinated through every SBA district office. OWBO's programs provide business training and counselling, access to credit and capital, and marketing opportunities, including federal contracts.

In 1988 the SBA established the Women's Business Center Program to better help women overcome continuing barriers to success. Today there are Women's Business Centers in almost every state.

These centers, along with SBA district offices and other SBA resource partners at thousands of locations economy-wide help women entrepreneurs start and grow successful businesses. Each Women's Business Center tailors its services to the needs of its individual community. Each provides training in finance, management, marketing, and the Internet, as well as offering access to all of the SBA's financial and procurement assistance programs.

In addition, the U.S. Department of Commerce, Minority Business Development Agency (MBDA) provides management, technical and financial assistance to women and minority-owned businesses so that they can compete more successfully for federal, state, local government and private sector contracts. Additionally, they facilitate access to traditional and alternative sources of capital through an economy-wide network of Business Centers. The agency serves as an advocate for women and minority-owned businesses to enhance economic development and job creation. Certification helps these firms gain a competitive advantage with public and private sector contracting opportunities.

4. Leading practices: Among your economy's structural reforms relating to women's economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women's full and equal participation in the economy, and why?

Under the Lilly Ledbetter Fair Pay Act of 2009, each discriminatory paycheck resets the 180-day time limit to file a claim of pay discrimination, thereby extending the time employees may challenge unfair pay. This Act overturned a 2007 U.S. Supreme Court decision requiring victims of wage discrimination to file a claim within 180 or 300 (depending on jurisdiction) days of the initial discriminatory paycheck, and it restored the EEOC's longstanding position that each paycheck containing discriminatory compensation is a wrong actionable under federal law, regardless of when the discrimination began. The Lilly Ledbetter Fair Pay Act importantly recognizes that victims of pay discrimination may not initially be aware that they are being discriminated against by their employers.

The Department of Labor's updated Equal Employment Opportunity in Apprenticeship Regulations (CFR 29 C.F.R. part 30) took effect in January 2017. These regulations are designed to increase workforce participation by women and other underrepresented groups in registered apprenticeship programs, and to protect against unlawful discrimination. Key provisions impacting women are:

- clarifying that sex discrimination includes discrimination on the bases of pregnancy and gender identity;

- requirements for sponsors of apprenticeship to conduct outreach and recruitment of women into apprenticeship programs; and
- requirements for sponsors of apprenticeship programs to provide anti-harassment training.

5. **Monitoring and evaluation (data and enforcement):** How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women's economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

In response to societal, economic, and cultural changes, including the Civil Rights Movement, the U.S. government passed a number of laws prohibiting discrimination on the basis of sex and pregnancy, among other bases, starting in the early to mid-1960s. To enforce newly-enacted protections against employment discrimination, the U.S. government created two institutions – the Equal Employment Opportunity Commission (EEOC), and the Office of Federal Contract Compliance Programs (OFCCP) – the latter of which is part of the Department of Labor.

Laws enforced by the Equal Employment Opportunity Commission:

Title VII of the Civil Rights Act also created the EEOC. The EEOC has the authority to investigate charges of discrimination filed by individuals, a group, or an EEOC Commissioner. If the EEOC believes that discrimination has occurred, the agency will attempt to conciliate the charge. If a voluntary settlement is not reached, the EEOC may litigate these charges. In any case where the EEOC does not litigate, including all of those where it believes no discrimination occurred, the EEOC provides the charging party with a right to file a lawsuit on her own at the conclusion of its investigation.

In addition, important protections enforced by the EEOC were added after the Civil Rights Movement. The Americans with Disabilities Act of 1990 prohibits discrimination against individuals with disabilities, and it requires employers to provide a reasonable accommodation for an employee with a disability, unless doing so would cause significant difficulty or expense for the employer. While this law does not have explicit protections for women in the workplace, it will include women with disabilities specific to or more prevalent in their gender. In some circumstances, pregnancy complications can qualify for these protections.

Where discrimination is proven under these laws, the charging parties may be entitled to placement in a position, reinstatement, or similar equitable relief; front pay; back pay; attorney's fees; compensatory (monetary) damages; and, if the employer acted with malice or reckless indifference to the employee's rights, punitive damages. Employers additionally are often required to change their workplace practices.

Laws enforced by the Department of Labor:

In 1965, one year after the enactment of the Civil Rights Act, the Executive Order 11246 was signed. The Office of Federal Contract Compliance Programs, or OFCCP, was created to carry out the responsibilities of the Secretary of Labor for administering the Executive Order's non-discrimination and affirmative action provisions. This Executive Order prohibits federal contractors and subcontractors who do over \$10,000 in government business in one year from

discriminating, in all aspects of employment, on the basis of race, color, religion, sex, sexual orientation, gender identity, and origin. The OFCCP and EEOC work collaboratively on cases that involve violations of both the Executive Order and EEOC-enforced laws.

The Executive Order also requires government contractors to take affirmative action to ensure that equal opportunity is provided in all aspects of their employment. Additionally, Executive Order 11246 prohibits federal contractors and subcontractors from, under certain circumstances, taking adverse employment actions against applicants and employees for asking about, discussing, or sharing information about their pay or the pay of their co-workers.

Working conditions and wage protections of women workers have improved considerably since the establishment of the Women’s Bureau in 1920, a sub-agency within the Department of Labor. Over the course of its history, the Women’s Bureau has evolved to continue to support a broad range of issues related to working women, including paid family leave and child care. In 2020, the Women’s Bureau celebrates its centennial. The work of the Women’s Bureau focuses on researching and promoting policies that work for working women through its grant-making authorities, convening activities, and strategic regional outreach.

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

Through the implementation of La Serena Roadmap and promoting the adoption of the APEC Women in STEM Principles amongst APEC private sector companies, APEC can achieve greater participation of women in APEC economies, especially in the industries of the future. Additionally, the United States proposes addressing the Women’s Global Development and Prosperity (W-GDP) Initiative’s five priority areas of legal reform -- women’s ability to:

- access to institutions;
- build credit;
- own and manage property;
- travel freely; and
- work in the same jobs and sectors as men.

In a recent landmark report, the White House Council of Economic Advisers found that addressing W-GDP’s five areas of the law globally has the potential to add as much as \$7.7 trillion to global annual GDP, much of this within APEC economies.

APEC could also build on and expanding the momentum created by the Women Entrepreneurs Finance Initiative (We-Fi), which seeks to address the credit gap for women-led SMEs specifically. We-Fi was launched at the G20 Leaders’ Summit in 2017 and is housed at the World Bank, with seven out the fourteen founding members being APEC members as well.

VIET NAM

1. Barriers and challenges: What are the key (e.g. top 2-3) barriers and challenges to women's participation in economic activity in your economy? Are there identified sub-populations of women who face additional barriers and challenges?

Vietnamese women arguably face more barriers and challenges than their male counterparts in undertaking economic activities. The 03 key barriers and challenges to women's participation in economic activities in Viet Nam include: (1) socially common perception that women should focus more on taking care of their family and kids; (2) unequal opportunities to access education/schooling and employment; and (3) differences in working conditions and remuneration in favor of men.

Women in minority ethnic groups/regions tend to face additional barriers and challenges to participate in economic activities than the rest of the population. This is often explained by the difficulties in terms of geographical location, underdeveloped infrastructures, more incidences of natural calamities, etc. and smaller pool of human capital among ethnic minority women. According to the Census 2019, the largest gender gap in literacy rates belongs to the Northern Midlands and Mountains, especially Ha Giang, Cao Bang, Bac Kan, Laos. Cai, Dien Bien, Lai Chau, Son La with the minimum difference of 4.5 percentage points (Bac Kan) and the highest of 23.3 percentage points (Lai Chau), compared with the economy-wide average of 2.4 percentage points. These are all provinces with a high concentration of ethnic minorities, with the ratio of ethnic minorities to the total population of the province is at least 66.21% (Lao Cai) and above.

2. Structural reform needs: What are your economy's main (e.g. top 2-3) structural reform needs, or policy gaps, in relation to enabling women's economic participation e.g. access to the labour market, access to credit, access to social protections such as maternity leave and childcare etc? What is your economy doing to address these? Please list these initiatives, including current and going back in time, if applicable.

If your economy determines that there are no outstanding structural reforms to effect, are the existing structural policies adequate to address the identified barriers and gaps to women's equal economic participation??

Viet Nam has improved its legal framework and policies on gender equality by issuing more legal documents in line with the 2006 Law on Gender Equality and UN Convention on the Elimination of All Forms of Discrimination against Women (CEDAW). Viet Nam has implemented a National Strategy on Gender Equality from 2011-2020 to raise awareness, narrow the development gap, and promote women's status. Viet Nam has carried out regional and global initiatives to promote and protect women's rights and fight gender discrimination, including with the commitment to Sustainable Development Goals (SDGs, most specifically the 5th Goal on Gender equality).

Despite efforts to improve the regulations/legal framework on women's economic empowerment, the implementation process still exhibits some limitations and inadequacies. Specifically:

- (1) The implementation process: (i) it takes very long time to prepare concrete guidelines for implementing policies related to women empowerment. For example, up to now there still no guidelines for implementing the Decree No.39/2015/ND-CP on supporting policies for poor women in ethnic when having children, which leads to limited impacts of the Decree; (ii) A

number of policies on promoting gender equality are approved but lack effectiveness. The Law on Gender Equality stipulates that women are “prioritized” in some areas of socio-economic activities. However, it fails to sufficiently empower women in actual socio-economic activities. For instance, in point a, clause 2, Article 12 regulates that the “enterprises which have mainly women worker will get incentive on tax and finance as stipulated by the law”. In fact, it is very hard to get that incentives because of the complicated processing and the tax incentive is not sufficient to cover the costs of hiring women workers; consequently, the enterprises are usually reluctant to seek that incentive. In other words, the economic policies so far somehow fail to sufficiently incentivise enterprises to hire women workers.

(2) Lack of mechanism to ensure the policy implementation: (i) lack of specialized/skilled human resources on gender issues. This leads to poor design of implementation mechanism related to gender and gender equality issues; (ii) the finance for policy implementation.

(3) Viet Nam is still short of detailed gender-related statistics. Despite efforts to improve quality and availability of socio-economic statistics, Viet Nam only concretized the gender-related statistical indicators in 2019, under the Circular 10/2019/TT-BKHDT of the Ministry of Planning and Investment. By mid-2020, only some scattered statistics by gender are publicized by the General Statistics Office, in terms of employment, child malnutrition, income per capita, etc. This prevents the adoption of good regulatory practices, especially in terms of assessing gender impacts of policies (on both ex ante and ex post basis).

Deeply awareness of these challenges, the government of Viet Nam has approved a number of polices/regulations to improve, upgrade and enhance the validation and enforcement of regulations on gender equality. As a result, in 2016-2021 period, the percentage of female in National Assembly deputies is up to 26.8%. Women holds key high-level positions at the National Assembly. Ethnic women work in many sectors including education and healthcare. Since 2019, the government Committee on Ethnic Affairs has been preparing the National Target Program on Ethnic development, which also incorporates measures to improve economic empowerment for ethnic women.

3. (Non-structural) Policies and Initiatives: Describe 2-3 policy initiatives or programs your economy is implementing to support and promote women’s economic empowerment and security i.e. to re-enter the workforce, start a business, encourage women into STEM professions, work in traditionally male-dominated fields, participate in the new economy etc.

(1) The Project on “Promote and Encourage women do start-up in period 2017-2025” approved in 30th June 2017 to support for women operate their own business. Accordingly, a series of polices including finance, education is carried out to support for women to establish their own business. Statistical data show that a number of women has accessed to training course, financial support and consultants on how to establish and operate a business. This Project is assessed that giving a chance for women to close with new business model, new technology and open the floors to get the gender equality in reality.

(2) The Labour Code has a regulation on priority for women who re-enter the workforce after giving birth. Accordingly, the enterprises and employers have to arrange the room for female worker to relax. As a results, when the woman deliver their baby, their husband also has their rights to have paternity leave of 7 days, with full salary. The healthcare system for the female worker is improved gradually. The awaness of gender equality is enhanced in among the employees and employers.

(3) Encourage the women to hold the high position and to access to STEM profession. In 2017, the Directive No.16/CT-TTg on “Improving the capacity to access the Industrial Revolution 4.0” was issued to encourage women to access to STEM profession. The women is priority to access new technologies and encourage to improve the position in society.

4. Leading practices: Among your economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020), which two do you think have been most effective to enabling women’s full and equal participation in the economy, and why?

The most effective economy’s structural reforms relating to women’s economic participation in the past 10 years (2010-2020) to enabling women’s full and equal participation in Viet Nam are:

(1) Constitution 2013: The reform of Constitution 2013 has achieved breakthrough on gender equality, protect women and children rights. Accordingly, the State protects marriage and family, and protects the rights of mothers and children. Women are encouraged to comprehensive development, promoting their role in society. Children are protected, cared for and educated; be involved in children issues, etc.

(2) The Labour Code 2012: In the Labour Code 2012, there are many key issues on the labour rights has amended and supplemented. Almost all regulations are equally applied to both male and female labours. A separate chapter on women labour is also provided under this Code. In addition, there are regulation for increasing the time for women’s maternity leave from 04 months to 06 months and requires enterprises has to follow the gender equality in hiring female workers. The Law enforcement’s monitoring and supervising mechanism have been gradually strengthened to raise the enterprises as well as the worker’s awareness on the labour rights and responsibility. The Labour Code was amended in 2019, with a view to change approach from protecting women labours to empowering them, among others.

5. Monitoring and evaluation (data and enforcement): How does your economy monitor, evaluate and enforce the structural policies you have outlined in the question above? i.e. what data is collected and reported to measure women’s economic participation? What indicators are used to assess effectiveness and compliance? How, and how frequently, are data reported? What data gaps remain and what data is need to address them? What lessons have been learned and what course corrections have been effected?

Currently, Vietnam has regulation of gender development statistic indicators. These indicators are included in monthly, yearly statistic data through report on monthly labour and employment situation and yearly statistical books conducted by GSO and MOLISA. Accordingly, we have information on female worker participation in every economic’s sectors. Every year, the Parliament assesses the results of socio-economic implementation report submitted by Government, in which, the gender equality implementation situation is also mentioned. Therefore, Viet Nam has rather comprehensive monitor and evaluation mechanism for women’s participation in economic activity.

Compared to the new context of development, including new economic models such as sharing economy, digital economy, Viet Nam is short of detailed gender-related statistics. Despite efforts to improve quality and availability of socio-economic statistics, Viet Nam only concretized the gender-related statistical indicators in 2019, under the Circular 10/2019/TT-BKHDT of the Ministry of Planning and Investment. By mid-2020, only some scattered statistics by gender are publicized by the General Statistics Office, in terms of employment, child malnutrition, income per capita, etc. This prevents the adoption of good regulatory

practices, especially in terms of assessing gender impacts of policies (on both ex ante and ex post basis).

6. Regional cooperation: What role can APEC play in promoting women’s economic empowerment in the region, including in partnership with other regional and international bodies?

APEC members recognize that the full potential of women’s contributions to the Asia-Pacific economy remains untapped. As a result, women’s economic empowerment and the greater inclusion of women in the regional economy are high on APEC’s agenda.

From 2011, the Policy Partnership on Women and the Economy (PPWE) was established to advance the economic integration of women in the APEC region for the benefit of all member and to coordinate gender activities across other APEC working groups. PPWE has organized many activities to promote women’s economic empowerment in the region via the indicators on the status of women in APEC’s member economies. The Economic Committee also incorporate aspects of women empowerment in collective and individual structural reform agenda. As an example, a binding requirement for APEC-funded projects is to ensure sufficient impacts on gender equality.

APEC can organize more forums and workshops on the women and economy in the region and international context. Besides, APEC can provide the support for member economies to carry out the project to promote the women’s economic empowerment such as the project to support women to access the information resource, labor market, etc. in the era of Industrial Revolution 4.0, project support to women in start-up activities.

Annex B:
Case Studies

The background features a dark blue field with several overlapping, semi-transparent circles and wavy, horizontal lines in lighter shades of blue and cyan. The lines are composed of many thin, parallel strokes, creating a sense of motion and depth. The circles vary in size and opacity, some appearing as solid shapes while others blend into the background.

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AUSTRALIA: ESTABLISHING THE WORKPLACE GENDER EQUALITY AGENCY

Introduction and Pre-reform situation

The Workplace Gender Equality Agency (WGEA, the Agency) is an Australian Government statutory agency created as part of the Workplace Gender Equality Act 2012 – a key structural reform enacted to ensure equal treatment of men and women in Australian workplaces.

The Agency is charged with promoting and improving gender equality in Australian workplaces. It collects data that informs government policy on the participation of women in the workforce and monitors the implementation of the Act, including supporting employers to comply with its provisions.

Policy response

The principle objects of the Workplace Gender Equality Act 2012 (the Act) are to:

- promote and improve gender equality (including equal remuneration between women and men) in employment and in the workplace;
- support employers to remove barriers to the full and equal participation of women in the workforce;
- promote, amongst employers, the elimination of discrimination on the basis of gender in relation to employment matters (including in relation to family and caring responsibilities);
- foster workplace consultation between employers and employees on issues concerning gender equality in employment and in the workplace; and
- improve the productivity and competitiveness of Australian business through the advancement of gender equality in employment and in the workplace.

Under the Act, all non-public sector employers with 100 or more employees to submit an annual report to the WGEA against six Gender Equality Indicators (GEI):

GEI 1: gender composition of the workforce

GEI 2: gender composition of governing bodies of relevant employers

GEI 3: equal remuneration between men and women

GEI 4: availability and utility of employment terms, conditions and practices relating to flexible working arrangements for employees and to working arrangements supporting employees with family or caring responsibilities

GEI 5: consultation with employees on issues concerning gender equality in the workplace

GEI 6: sex-based harassment and discrimination.

The WGEA supports the implementation of the *Act* by assisting Australian employers to comply with the *Act's* reporting requirements. This involves working collaboratively with employers to provide advice, practical tools and education to help them strengthen their response to gender equality, specific to each industry.

Impact

It is now accepted practice for Australian employers to submit their information and data to the WGEA and there is a compliance rate of around 98 per cent. All non-compliant organisations are listed on the Agency's website and in its Annual Report, which is tabled in Parliament. In addition, non-compliant organisations may not be eligible to tender for contracts under the Commonwealth and some state procurement frameworks, or be eligible for some Commonwealth grants and other financial assistance.

The data collected by the WGEA also forms the basis of educational Competitor Analysis Benchmark Reports. These reports can be customised to the industry and organisation size, and they enable employers to identify target areas, develop informed strategies and measure their performance against their peers over time.

The Agency's dataset has developed into one of the world's most comprehensive sources of gender equality data. The WGEA collects data from over 4,800 Australian reporting organisations covering more than 4.3 million workers, which equates to over 40 per cent of Australian employees. After six years of data collection, the WGEA data now paints a detailed picture of the progress of gender equality in Australian workplaces. The results demonstrate the importance of measuring workplace gender equality, helping to identify gaps and inform policy development on issues such as parental leave, pay equity, flexible work and women in leadership.

Workplace gender equality in Australia has made the most rapid progress in those areas where employers have a direct influence on the outcome. For example, the latest 2019 dataset showed that the pay gap between Australian men and women continues to decline, there is solid growth in the number of women moving into management roles (39.1%), and over seven in ten employers now have either a strategy or policy in place to support gender equality or promote flexible work. These are important and positive developments over a relatively short timeframe.

Challenges and lessons

The data also show persistent lag areas: men still out-earn women, on average, by 21.3 per cent; pay gaps persist in every industry, occupation and manager category; gender segregation remains deeply entrenched across Australian industries, occupations and workplaces; access to employer-funded paid parental leave has virtually stalled; and women are still greatly under-represented at the most senior levels of management.

This information informs Australian Government policy initiatives that aim to strengthen the economic security and potential of Australian women – most recently through the Women's Economic Security Statement, released for the first time in 2018.

CANADA

A. ADVANCING WOMEN'S ECONOMIC SECURITY

Introduction

Prior to the COVID-19 pandemic, Canada's economy was growing at a solid pace, but women continued to be under-represented and face barriers to advancement in certain areas of the workforce. In the trades, women made up a markedly smaller proportion of workers, and the Government of Canada had taken steps to help address this gap in the economy.

Women's economic security and prosperity was and continues to be a priority for the Government of Canada. As the economic impacts of COVID-19 continue to be felt, it continues to support job opportunities and financial stability for Canadians, including women.

Pre-reform situation

The skilled trades represent high-quality and well-paid careers that are critical to Canada's economic growth. Skilled trades and related occupations represent approximately 1 in 5 employed Canadians. Apprenticeship is widely recognized as a high-quality approach to teaching skills through a combination of on-the-job and in-class technical training.

However, according to the 2018 data of the Registered Apprenticeship Information System, women account for only 9% of apprentices in Red Seal trades, and about half are in the low-paid hairstylist, cook or baker trades.²

A 2016 Canadian Apprenticeship Forum report identified barriers that women face to entering and succeeding in the trades, including cultural stereotypes about gender norms, workplace discrimination, absence of mentors and role models, lack of facilities for women, and unwelcoming workplaces.

Policy response

The Government of Canada has introduced several policies to help women enter and succeed in the skilled trades, such as:

- **Apprenticeship Incentive Grant for Women:** To encourage women to enter and succeed in Red Seal trades where they are underrepresented and to ensure that women are increasingly able to model leadership to other aspiring female tradespeople, the Government of Canada has allocated \$20 million over five years, starting in 2018-19, to pilot an Apprenticeship Incentive Grant for Women. This grant provides \$3,000 per year or level, up to a maximum amount of \$6,000, to registered apprentices who have

² For the 56 designated Red Seal skilled trades, the federal government works with provincial and territorial partners and industry to set common standards of excellence; where these standards are met, it is indicated on provincial and territorial trade certifications for individual tradespersons.

successfully completed their first or second year/level of an apprenticeship program in eligible Red Seal trades where they are underrepresented.

- **Women in Construction Fund:** Announced in 2018, the Women in Construction Fund (WCF), a three-year program, with an investment of \$10 million, aims to increase the participation of women in construction trades. Funded under the Government of Canada's Investing in Canada Plan, the WCF supports projects building on existing models that have proven to be effective in attracting women to the trades. These models provide supports such as mentoring, coaching and tailored supports that help women to progress through their training, and find and retain jobs in the trades.
- **Skilled Trades Awareness and Readiness Program:** Announced in 2018, the Skilled Trades Awareness and Readiness (STAR) Program provides \$10 million annually to encourage Canadians – particularly those facing barriers, such as women, Indigenous peoples, newcomers, persons with disabilities and youth – to explore and prepare for careers in the skilled trades. The objectives of the program are to build awareness of the trades as viable, high-quality careers; help equip individuals with the skills and support they need to pursue a career in the skilled trades; and provide opportunities to explore the trades.
- **Union Training and Innovation Program:** Launched in 2017, the Union Training and Innovation Program (UTIP) provides \$25 million annually, through two funding streams to support union-based apprenticeship training, innovation and enhanced partnerships in the Red Seal trades:
 - Stream 1 (Investments in Training Equipment) provides unions with up to 50% of the cost of new, up-to-date equipment and materials to meet industry standards or investments in technology needed to train workers in the Red Seal trades, leading to a more skilled, inclusive, certified and productive trades workforce.
 - Stream 2 (Innovation in Apprenticeship) provides support for innovative approaches and enhanced partnerships to address long-standing challenges limiting apprenticeship outcomes.

For both streams, priority is given to projects that target the participation and success of key groups (i.e. women, Indigenous peoples, newcomers to Canada, persons with disabilities and racialized persons); and involve broad-based partnerships with employers, community and non-profit groups, training providers, provinces and territories, Indigenous communities, colleges, etc.

Impact

Since these new initiatives have started to be implemented, the Government of Canada has committed to invest over \$130 million in new funding to increase the participation and success of women in the trades.

With regards to specific program developments/expectations:

- Over 3,000 Apprenticeship Incentive Grants for Women were issued in 2019-2020.

- Approximately 2,800 women will benefit from the WCF over the duration of the program.
- Results from the UTIP and STAR programs are not yet available.

Challenges and lessons

The COVID-19 pandemic and the resulting spring 2020 lockdown have not diminished the need for a strong and skilled trades workforce in Canada. As governments move forward with apprenticeship programming to continue to support this need, the significant negative impact that the pandemic has had on the Canadian workforce at large, but for hourly workers in particular, will need to be addressed.

According to Statistics Canada's April 2020 Labor Force Survey , women have been disproportionately affected in comparison to men in terms of lost jobs and wages due to the lockdown. Although detailed data on the impact specific to the trades is challenging to gather and will take time to fully analyze, it is likely that other vulnerable groups in the trades may have been severely impacted as a result of closures of hair salons and most restaurant services.

With regards to apprenticeship programming, the pandemic has resulted in many training providers closing their facilities and postponing their training delivery. Some organizations, however, have been able to continue training and other apprenticeship activities through virtual/online learning tools, web portals, digital marketing campaigns and research.

B. GENDER BUDGETING

Introduction

Gender equality and diversity are fundamental to creating a thriving and successful economy that reflects Canadian values. Over the last four decades, the rise in women's labour force participation has been a powerful driver of Canada's economic growth, accounting for about a third of the increase in Canada's real per capita gross domestic product (GDP), which translates into over \$9,000 per person. Over roughly the same period, women's median wages rose by 50 per cent in real terms, and the number of women graduating with Bachelor's degrees overtook men—with women accounting for nearly six out of ten university graduates in 2017.

While a lot of progress has been made toward advancing gender equality and diversity in Canada, there is still more work to be done. As a result of persistent social norms, women continue to spend more time than men on caregiving and household responsibilities which directly impact opportunities for full participation in the paid labour force. Additionally, occupational segregation presents large barriers for women in front-line public protection services, trades and occupations in the natural and applied sciences. As a result, women are more likely to work in low-wage jobs.

In addition to gender equality, diversity is a critical component of a successful economy. Diverse groups of women and men continue to face barriers which prevent them from reaching their full potential. Gaps in annual wages and salaries for visible minorities are considerable and employment and labor force participation rates for recent immigrants and people with disabilities remain lower than the average. The intersectionality of diversity and gender can exacerbate these inequalities. For example, recent immigrants had the lowest labour force participation rates in 2019 with recent immigrant women participating less than recent immigrant men.

Encouraging more women and diverse groups of people to remain in or join the workforce would provide significant economic gains and help counteract the effects of population aging and slowing economic growth. Estimates show that if men and women participated equally in the workforce, Canada's GDP could increase by as much as 4 per cent.

Pre-reform situation

The term Gender Budgeting was first adopted in late 2015 to describe the conscious effort by policy makers to understand how decisions affect diverse groups of people differently, with a view to allocating government resources more equitably and efficiently. That said, gender considerations have been a mainstay of policy design for a long time in Canada, since the early 1990s with the application of Gender Based Analysis Plus (GBA+) in the development of policies and programs. GBA+ has evolved significantly over the last decade and in recent years the Government has prioritized and expanded this tool to a whole of Government approach to look at impacts across a range of intersectional lenses.

The *Canadian Gender Budgeting Act* and the Gender Results Framework were two recent reforms that solidified gender budgeting as a core pillar of budget making. These reforms have

allowed the Government to make meaningful investments towards greater gender equality and diversity that are underpinned by clear objectives and strong evidence.

Policy response

Gender budgeting is a major element of the Government of Canada’s strategy to improve gender equality. Domestic budgets are often the most comprehensive statements of a government’s social and economic agenda. By applying a gender and diversity lens to its budgeting process, the Government can better anticipate how various policies and programs would affect diverse groups and prepare mitigation strategies for any unintended or negative impacts. Gender budgeting ultimately allows for more informed decision-making that takes into account all Canadians.

Canada’s commitment to gender budgeting has been rooted in law since 2018 under the *Canadian Gender Budgeting Act*, and leverages two key tools: The Gender-Based Analysis Plus and the Gender Results Framework.

The **Gender-Based Analysis Plus (GBA+)**, a tool to assess how diverse groups of women, men and non-binary people may experience policies, programs and initiatives. The “plus” in GBA+ acknowledges that GBA goes beyond biological (sex) and socio-cultural (gender) differences to consider other identity factors such as ethnicity, age, income level, and mental or physical ability.



Canada has now mainstreamed GBA+ analysis into its domestic budgeting in the following ways:

- Any new policy and program, including tax measures, being considered for the federal Budget requires a complete and detailed GBA+ analysis. This analysis is based on a [standardized template](#) to ensure a consistent approach is taken across the Government. A detailed user guide is available to assist Departments in completing the template;
- Where negative or unintended impacts are anticipated, proponents of proposals are encouraged to include corrective or mitigation measures. Proactive program design or implementation elements that address existing inequalities in order to reduce barriers are also encouraged;
- All public servants developing and analyzing policy and budget proposals are required to take GBA+ training;
- The Department for Women and Gender Equality (WAGE), established in 2018, serves as a centre of expertise to guide these GBA+ analyses;
- The federal Budget includes summaries of the GBA+ analyses (for example, see Budget 2019’s [Gender Report](#)); and,
- All Departments must incorporate GBA+ performance reporting into their annual results reporting to Parliament.







The second tool is the **Gender Results Framework (GRF)**, a set of policy goals and indicators for tracking Canada’s progress on gender equality (see below). It was developed with advice

from experts in Canada and around the globe. By highlighting where Canada could do better, the GRF aids the Government’s priority-setting and decision-making in the federal budget process. In Budget 2019, the [Gender Statement](#) summarizes the current status and important actions taken so far to advance on a number of the GRF indicators.

CANADA'S GENDER RESULTS FRAMEWORK

Canada's economic future depends on people having equal opportunity to reach their full potential, regardless of gender.

GENDER EQUALITY GOALS FOR CANADA

 Education and Skills Development	Equal opportunities and diversified paths in education and skills development <ul style="list-style-type: none"> • More diversified educational paths and career choices • Reduced gender gaps in reading and numeracy skills among youth, including Indigenous youth • Equal lifelong learning opportunities and outcomes for adults. 	 Gender-Based Violence and Access to Justice	Eliminating gender-based violence and harassment, and promoting security of the person and access to justice <ul style="list-style-type: none"> • Workplaces are harassment free • Fewer women are victims of intimate partner violence and sexual assault • Fewer victims of childhood maltreatment • Fewer women killed by an intimate partner • Increased police reporting of violent crimes • Fewer Indigenous women and girls are victims of violence • Increased accountability and responsiveness of the Canadian criminal justice system
 Economic Participation and Prosperity	Equal and full participation in the economy <ul style="list-style-type: none"> • Increased labour market opportunities for women, especially women in underrepresented groups • Reduced gender wage gap • Increased full-time employment of women • Equal sharing of parenting roles and family responsibilities • Better gender balance across occupations • More women in higher-quality jobs, such as permanent and well-paid jobs 	 Poverty Reduction, Health and Well-Being	Reduced poverty and improved health outcomes <ul style="list-style-type: none"> • Fewer vulnerable individuals living in poverty • Fewer women and children living in food insecure households • Fewer vulnerable individuals lacking stable, safe and permanent housing • Child and spousal support orders are enforced • More years in good health • Improved mental health • Improved access to contraception for young people and reduced adolescent birth rate
 Leadership and Democratic Participation	Gender equality in leadership roles and at all levels of decision-making <ul style="list-style-type: none"> • More women in senior management positions, and more diversity in senior leadership positions • Increased opportunities for women to start and grow their businesses, and succeed on a global scale • More company board seats held by women, and more diversity on company boards • Greater representation of women and underrepresented groups in elected office and ministerial positions in national and sub-national governments • Increased representation of women and underrepresented groups as administrators of the justice system 	 Gender Equality Around the World	Promoting gender equality to build a more peaceful, inclusive, rules-based and prosperous world <ul style="list-style-type: none"> • Feminist international approach to all policies and programs, including diplomacy, trade, security and development

The GRF is aligned with the Government of Canada's policy of GBA+, ensuring that gender is considered in relation to other intersecting identity factors. Wherever possible, intersecting identity factors will be considered in the above indicators.

For up-to-date facts, data and analysis on gender equality, including those relevant to the GRF indicators, the public can also access the [Centre for Gender, Diversity and Inclusion Statistics](#) (by Statistics Canada) and the [Gender Results Framework Portal](#) (by WAGE).

Impact

Gender budgeting has helped the Canadian government reach a new level of gender and diversity-inclusiveness in its policy development. All Departments are now prompted to think about any impacts a policy has on gender and diversity from the early stages of policy development. These considerations are fully integrated in budget decision-making and are made public through the Budget’s Gender Report. Canadians can now see for themselves how policies are being evaluated through an equality lens and can better hold their Government to account.

Some examples of recent government measures where parameters were strongly informed by gender budgeting and GBA+ analysis include:

- **Employment Insurance (EI) Parental Sharing Benefit:** Introduced in Budget 2018, this new measure provides additional weeks of “use it or lose it” EI parental benefits. Research shows that an unequal sharing of caregiving responsibilities in the household is a major factor explaining Canada’s gender wage gap, contributing to fewer hours

worked by women and lower earnings. Greater flexibility for parents receiving parental benefits, and incentives for men to take parental leave, can help balance caring responsibilities within the home and help drive a cultural change in workplaces. The fact that the Government's GRF highlighted the gender wage gap and female participation in the economy as priorities in Budget 2018 helped lead to the inclusion of this new benefit.

- **Science Funding and Support for the Next Generation of Researchers:** While funding for scientific research results in discoveries and innovations that benefit all Canadians, GBA+ analysis found that there are disparities within the academic research community in Canada. For example, only 40 per cent of full time teaching staff, and only 29 per cent of full professors, are women. The funding for science approved in Budget 2018 therefore included a number of initiatives intended to improve equity, diversity and inclusion in academia. For example, funding was provided to better support early-career researchers and new investments in Canada's research granting councils were matched with commitments to advance gender equality. A strategic plan was also undertaken to grow the capacity of Indigenous communities to conduct research and partner with the broader research community.
- **Apprenticeship Incentive Grant for Women:** As a result of needs revealed by the GBA+ analysis, Budget 2018 took steps to encourage women's representation in male-dominated—and better paid—skilled trades' careers. It did so by introducing the Apprenticeship Incentive Grant for Women, a pilot project to increase the financial support that women training in male-dominated skilled trades would receive.
- **Canada Training Benefit:** In Budget 2019, the Government introduced the Canada Training Benefit to help reduce barriers to upskilling for working Canadians. This initiative provides a refundable tax credit to offset tuition costs for training, income support during training, and job protection so that workers can take the time needed to keep their skills relevant and in-demand. As this measure was being developed, the GBA+ analysis identified potential barriers to access for lower-income Canadians. As a result, the initiative includes several features aimed at reducing barriers to access for lower-income individuals who may need it the most.

Challenges and lessons

High-quality GBA+ analysis requires early attention and robust data to develop effective policy options and strategies for Canadians. For GBA+ analysis to be most valuable, it is ideally built directly into the early stages of the policy development process. Based on the information provided by Departments that developed budget proposals, for 66 per cent of Budget 2019 measures the GBA+ analysis were performed early in the development phase or had been performed on the existing program. This engagement suggests a clear effort by the whole of Government to incorporate gender and diversity considerations early in the policy process, but also leaves room for further improvement.

Challenges also remain in terms of consistency in approach to GBA+ assessments across Departments. To address this, a standardized template which every Department uses was

introduced, training to government employees was provided, and key resources were identified in each Department to guide employees on GBA+-related issues.

Finally, a recurring challenge in developing a robust GBA+ is access to data, particularly gender- and diversity-disaggregated data. In recognition of this, the Government provided resources (\$7.5 million over five years) in Budget 2019 to three Departments (Canadian Heritage, Employment and Social Development Canada and the Treasury Board of Canada Secretariat) to improve the collection of disaggregated administrative data and strengthen reporting requirements. This will achieve greater consistency and comparability over time and across programs with the aim of improving the inclusiveness of the Government of Canada's programs.

INDONESIA: PROVIDING MICROFINANCE ACCESS TO WOMEN-OWNED MSMES

Introduction

The International Finance Cooperation (IFC) and AXA (2015) jointly projected that by 2028, women are expected to gain control of around 75 percent of discretionary spending worldwide³. As economic opportunities increase, there are huge numbers of women who are entering the world of business and entrepreneurship. In 2015, The Global Entrepreneurship Monitor estimated that there are 85 million of adult women in Indonesia while around 26% (22 million) are entrepreneurs, predominantly running micro and small businesses (GEM, 2015)⁴. These numbers are quite significant compared to other economies.

One of the opportunities that can be developed to support Indonesian MSMEs is by maximizing women-owned MSMEs. In Indonesia, it is estimated that more than 50% of MSMEs are led by women and this number continues to grow significantly compared with the number of MSMEs owned by men (Asia Foundation, 2013)⁵. Helping women entrepreneurs may provide opportunities to reduce poverty by supporting businesses and also to improve welfare by increasing opportunities to expand their businesses.

Pre-reform situation

Although small businesses continue to grow, the gender inequality still persist in Indonesia. Based on the average value, businesses owned by women are significantly smaller than those owned by men in terms of profits, sales and number of employees.

Unlike men, women entrepreneurs in Indonesia have to deal with challenges such as the dual roles in the household, not only as an entrepreneur but also as a family caretaker; lack of property ownership; lack of business experience and limited mobility. Furthermore, women entrepreneurs may have also have to overcome obstacles to access financial services. These conditions are relatively common throughout the world. It is estimated that 70% of women entrepreneurs worldwide have not been served nor are eligible for financial services (IFC, 2014).⁶

In Indonesia, MSMEs also have to deal with difficulties in accessing financial services. Report from Bank Indonesia shows that the financing received by MSMEs in 2011 was only around 21.5% of the total financing provided by the Bank⁷. Based on this number, MSMEs owned by women receive less financing than MSMEs owned by men. The World Bank estimates that only 41% of companies owned by women have open accounts in formal financial institution

³ International Finance Cooperation and AXA, 2015, *She for Shield: Insure Women to Better Protect All*, IFC & AXA, Washington DC

⁴ The World Bank. 2016. “Women Entrepreneurs in Indonesia: *A Pathway to Increasing Shared Prosperity*”. The World Bank, Jakarta.

⁵ Asia Foundation. 2013. “Access to Trade and Growth of Women’s SMEs in APEC Developing Economies.” The Asia Foundation, Jakarta.

⁶ International Finance Corporation. 2016. *UKM yang dimiliki Wanita di Indonesia: Kesempatan Emas untuk Institusi Keuangan Lokal*. International Finance Corporation, Jakarta.

⁷ Bank of Indonesia. 2015. *MSME Development Report 2015*.

compared to 51% owned by men. These numbers are even lower in terms of credit facility. There were only 13% businesses owned by women that are eligible for loans from formal financial institutions, compared to 21% owned by men (World Bank, 2010)⁸.

Furthermore, Indonesian women entrepreneurs tend to show reluctance to access financing services from formal institutions due to the following three key factors:

- Higher interest rates compared to variety of loans provided by informal sources, including family and friends;
- Complicated procedures and documents;
- Requirement of collateral; but at the same time women, cannot make their own decision due to lack of independence.

The Asia Pacific is expected to grow by \$ 89 billion per year if women can boost their economic potential. In Indonesia, it is expected that there will be an increase of 11% if businesses owned by women are involved in the same sector and have equal access to production sources as companies owned by men (Asia Foundation, 2013)⁹.

Policy response

The Government has adopted several policies to fully unlock the economic potential and contribution of women. These policies such as Fostering the Economy of the Prosperous Family (or known as Mekaar) and Ultra Microfinance (UMi) are expected, among others, to provide easier access for women entrepreneurs to access financial services.

Fostering the Economy of the Prosperous Family (known as Mekaar). The Mekaar Program has been run by one of Indonesia's state-owned company, PT Permodalan Nasional Madani (Persero) since 2015. This program serves capital loan specifically for underprivileged women who own micro businesses, either those just starting out or those that are looking to further develop their business. This program is also accompanied by business assistance activities that are conducted in group settings.

The implementation of a group system is expected to reduce the difficulty of access to finance so that customers are able to develop their businesses in order to achieve their goals and improve family welfare. The benefits provided by the Mekaar Program include:

- Improving financial management;
- Financing capital without collateral;
- Fostering the saving habit; and
- Entrepreneurship competence and business development.

To ensure the program running properly, the government has set up rules for the program. Some of the requirements are as follows:

⁸ The World Bank. 2010. "Improving Access to Financial Services in Indonesia." The World Bank, Jakarta.

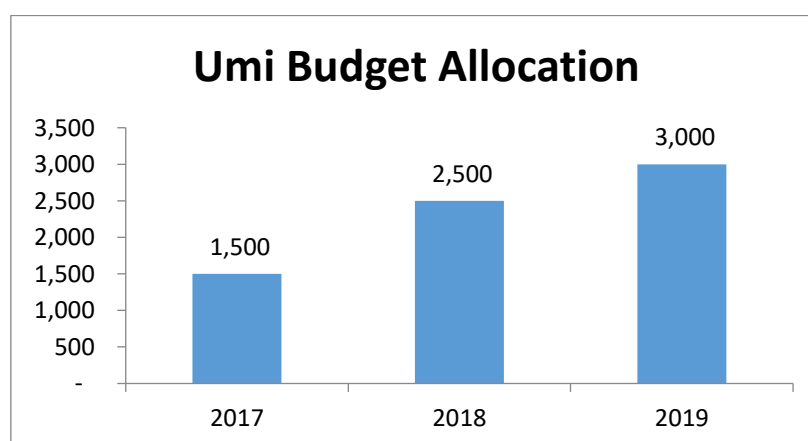
⁹ Asia Foundation. Op.cit.

- The service of PNM Mekaar is intended for underprivileged women who also own micro-scale business;
- Financing for PNM Mekaar does not require physical collateral. The financing is a joint responsibility, with the recipient required to undergo the process of Financing Preparation and Weekly Group Meeting;
- One group consists of at least 10 customers;
- Each group is led by a chairman; and
- Weekly Group Meeting must be held once a week to pay weekly installments and business coaching.

The Government has also set a target for Mekaar recipient, that is empowering women who have no capital or very limited funds to develop their businesses by providing loans starting from IDR 2 million (USD 150) without collateral. The loan amount can be increased if necessary in the future to expand the business.

Ultra Microfinance (UMi). UMi Financing Program is a micro-financing program from the government for new entrepreneurs that can be accessed easily with low cost. This program targets the lowest level of micro businesses, which cannot be facilitated by banks through the People's Business Loans. By targeting micro entrepreneurs, UMi provides financial services with a maximum of Rp 10 million per customer.

This program is not only for women compared to Mekaar; but in terms of the costumers, 90% of them are women. This program has been conducted since 2017 and continues to operate as of today. The Government has been increasing the allocation for this program as shown in the graph below (in billion IDR)¹⁰.



Impact

The government has distributed to more than 5 million Mekaar Program customers up to 2018 and has been targeting to distribute to 10 million customers by 2020. Through the UMi Program, the Government distributed around IDR 7 trillion to 1.2 million women-owned micro and small businesses while managing to maintain non-performing loans that are below 1%.

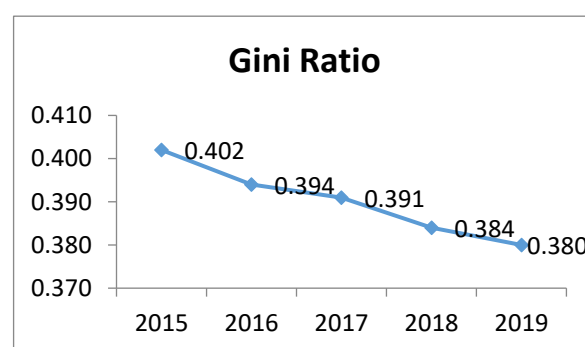
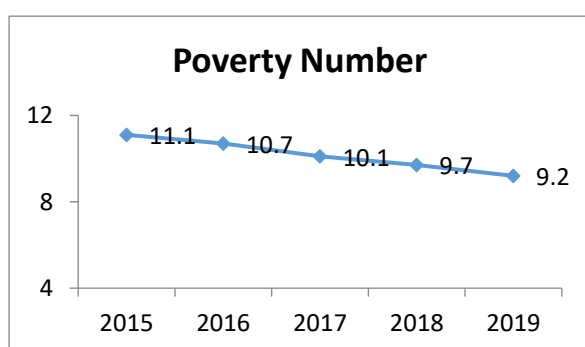
¹⁰ Government Investment Center (Pusat Investasi Pemerintah), Ministry of Finance 2019.

Several researchers stated that the program has a significant impact on household welfare. In terms of loan purpose, Santoso (2020) showed that the debtor who use their loan for productive purposes has a higher probability to increase the entire household's income than the debtor who use the loan for non-productive purposes in Bantul, Yogyakarta. The study also stated that the credit used for income-generating activities will result in increased income after the debtors receive the microcredit¹¹.

Meanwhile, Rosnita (2019) argued that the provision of microfinance for MSME is an intervention program to promote business performance as well as business development, welfare, and job creation. Microcredit Program has positively affected the performance of MSMEs in North Sumatra Province as the third highest MSME population in Indonesia. The same study also showed a significant difference in turnover and profit between Microcredit recipients and non-recipients, where the first group has better business performance compared to the latter. Thus, it means that the program is a sustained-intervention program for MSME development, in terms of upscaling business performance and promoting financial access¹².

In a household level, Mekaar has been proven to be another source that provides income for the client's family. Mekaar plays a significant role in empowering women within the family economy. The majority of Mekaar's customers are housewives while husbands are the sole breadwinner. At an individual level, Mekaar microcredit is able to increase client's savings. In addition, Mekaar offers the clients an opportunity to save money through the Account Officer. Mekaar also supports women empowerment, because they provide financial services for women which lead to the increase of choices and voice in their family.¹³

At the domestic level, both programs may contribute in reducing poverty and lowering the inequality gap in Indonesia as shown in the following charts¹⁴:



Challenges and lessons

The biggest credit demand that has yet to be fulfilled among Indonesian women entrepreneurs come from the growth-oriented segment. These debtors are unlikely to get a benefit or be sufficiently served by relevant creditors throughout the economy. For example, the growth-oriented person has higher financial needs, which is estimated to be more than the 10 Million

¹¹ Santoso, D 2020, The Impact of microfinance on Indonesian rural households' welfare

¹² Rosnita, W 2019, Microcredit Effectiveness and Micro-Small Business Development: Lessons from Indonesia

¹³ Rokhim, R. 2018. Encouraging Microcredit through Group Guarantee Loan Model:

The Success Story of MEKAAR Program in Indonesia. The International Review of Financial Consumers.

¹⁴ BPS. 2019. Presentase Penduduk Miskin Menurut Provinsi 2007-2019. BPS. Jakarta

Rupiah group loan ceiling. Moreover, the frequent group meetings will be useful for less experienced entrepreneurs since it could open a significant opportunity to them.

Based on the above explanation, the Government continues to evaluate the program from Mekaar and UMi. One of the highlights is the assistance for the recipients of this program. Recipients of these programs continue to expand their business. After several years of being a recipient, the fund that they need become higher due to the size of their business. However, this program limits the amount of funding to IDR 10,000,000.

The government is currently evaluating the Mekaar Plus program, where the amount of funding received can reach IDR 15,000,000. The applied rules are similar with the rules of the Mekaar program. In 2019, the government targeted to distribute the fund of IDR 900 billion through the Mekaar Plus program for 100,000 customers to grow their business.

Recipients of the Mekaar and UMi funding programs have spread throughout Indonesia. But for the Mekaar Plus, the government is currently targeting Java and Sumatra. In the future, the government will add the number of recipients for the UMi, Mekaar as well as Mekaar Plus.

Some strategic improvements for these programs are about NPL and future funding. Given that most of Mekaar and UMi clients have less income with no insurance, they should have a risk-prevention and mitigation strategy in the event of a shock or disaster that would cause a loan default. For future funding, they should collaborate with other state-owned companies. Under the Ministerial Regulation, State Owned Enterprises (SOEs) are required to donate half of their profits to the partnership and community development program (in Indonesia, it is known as Corporate Social Responsibility)¹⁵.

¹⁵ Rokhim, R.op.cit.

JAPAN: PROMOTING FEMALE PARTICIPATION AND CAREER ADVANCEMENT

Introduction

There are 24.06 million women in the labor force, representing 43.3% of the total labour force (in 2013). Among those employed, 10.28 million (42.7%) are regular employees while 12.96 million (53.9%) are non-regular-workers¹⁶.

Graphics showing Japan's female labour force participation rate by age group resemble the M-shaped curve as the employment rate is highest at 74.9% for women aged between 25-29, and drops significantly to mid-60% for women in their 30's. While the "bottom" of the M-shaped curve (women in their 30's) has risen since 2003, the M-shaped curve phenomenon remains pronounced in Japan compared to the other developed economies.

While an increasing number of women who work as regular workers remain in the workforce upon the first childbirth, the fact that approximately 60% of women leave labor force following the first childbirth is thought to be behind the M-shaped curve phenomenon.

The employment rate for regular employees is highest for women aged between 25-29 years—women before reaching the average age of first childbirth. The employment rate increases for women in their 40's and older – women beyond the child-rearing age in general – as the number of non-regular-workers increases with age; yet the number of regular employees declines with age.

On the other hand, the number of women who want to work but are not currently under employment reaches 3.15 million across all age groups. This can be seen particularly for women at the bottom of the M-shaped curve (in their 30's), resulting in a huge potential labor force.

Meanwhile, the ratio of women in management positions (manager-level and above) at private companies has gradually increased from 1.4% in 1985, when the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment (commonly known as the Equal Employment Opportunity Law) was introduced, to 7.5% in 2013. Nonetheless, the ratio of women in decision-making positions have remained significantly low while women account for 43.3% of the total labor force. Japan's ratio is particularly low compared with the other Asian economies (30%-40% in many other economies).

Pre-reform situation

The Equal Employment Opportunity Law, passed in 1985, requires equal employment opportunities between men and women in employment management such as recruitment, hiring, dismissal and retirement among others. Furthermore, the Basic Act for a Gender Equal Society (hereinafter referred to as the Basic Act) was enacted in 1999 with a view to promoting the comprehensive and systematic formation of a gender equal society. This Basic Act sets out the responsibility of the central government to actively provide opportunities to either men or

¹⁶A category that includes fixed-term, part-time workers and arbeit (temporary worker), dispatched workers from temporary labor agency, contract employees, and entrusted employees.

women within the necessary scope of improving the gender gap with regard to participation in activities of all areas, and to implement measures including affirmative actions (also known as positive actions).

From then onward, the Japanese government has taken a set of integrated actions through development and promotion of the Basic Plan for Gender Equality based on the Basic Act. The government has especially strengthened and accelerated its efforts to assist women's continued employment and re-employment by developing positive actions with an aim of advancing women in decision-making and leadership, one of the top priorities it attaches to. Yet, as the positive actions based on the Basic Act as well as the Basic Plan for Gender Equality had been left with employers and their voluntary initiatives, women's economic power had long remained latent.

In 2015, the government enacted the Act on the Promotion of Female Participation and Career Advancement in the Workplace (hereinafter refer to as the Act on the Promotion of Female Participation), aiming to increase the effectiveness of the positive actions and to ensure equal opportunity for men and women. This Act obliges employers to understand the current conditions surrounding women's empowerment, analyze existing issues, develop action plans and make these information public.

Policy response

The Act on the Promotion of Female Participation requires the following actions:

- Employers, including private business owners with 301 or more employees¹⁷ and the central government and local governments to:
 - Understand the current conditions surrounding women's participation and advancement in the workplace (mandatory items are outlined in the ordinance of the Ministry of Health, Labor and Welfare), and analyze existing issues;
 - Develop and publicize action plans containing numerical targets as well as details, implementation date and duration of the planned initiatives; and
 - Make the information on women's participation and advancement public.
- The government to certify corporations that excel in promoting women's empowerment ("Eruboshi" certification), and provide certified corporations or other corporations which have implemented favorable measures for the promotion of women's empowerment with preferential treatment (i.e. increased opportunities in the process of public procurements). The local governments are required to make efforts and take measures in line with the government's policy.
- The local governments to make efforts to develop and publicize promotion plans designed to promote female participation and advancement in the area of their jurisdiction.

The following progress has been made thus far:

¹⁷ Business owners with less than 300 employees are required to make efforts.

- 100% of prefectural governments have developed promotion plans (as of December 2019)
- 100% of central, prefectural and municipal governments, and 98.9% of private business owners have developed action plans (as of December 2019)
- 992 companies (638, 349 and 5 companies for level 3, 2 and 1 respectively) have obtained Eruboshi certificate (as of December 2019)
- Extra points have been given to companies promoting a work-life balance (i.e. Eruboshi holders) in the tendering process of government procurement.
- Implementation of the initiative by the ministries and agencies amounted to 1.21 trillion yen and 9,500 contracts (FY2018).

Impact

A set of integrated measures for promoting women's empowerment, including the Act on the Promotion of Female Participation, have seen the following effects since 2015:

- The number of women in workforce increased by 2.28 million.
- The employment rate of women aged between 25 and 44 increased from 71.6% (2015) to 77.7 % (2019) (the target set out in the 2nd-phase of "General Strategies for Overcoming Population Decline and Vitalizing Local Economy in Japan" being 82% by 2025).
- The number of women at boards in listed companies increased by 2.2 times.
- The employment rate of women in the child-raising generation increased by 6.1 percentage points, and progress has been made toward solving the M-shaped curve problem.

Challenges and lessons

The main challenge lies in the coordination with relevant organizations in order to oblige them to develop action plans with numerical targets. To address this, the current Cabinet (2012 onwards), for the first time ever, has attached one of the top priorities of the economic policy to women's empowerment and regarding it as an essential factor of economic growth. In addition, a bill was also enacted based on the cabinet decision that recognized the necessity of a new legal framework for women's participation and advancement in the workplace.

The Act on the Promotion of Female Participation, in its Supplementary Provisions, calls on the government to conduct a review after three years of its implementation. Accordingly, the government had reviewed the Act since 2018 to further accelerate initiatives for empowering women, and in May 2019, the following amendments passed the Diet:

- To lower the threshold and require private business owners with 101 or more employees to develop and publicize action plans (scheduled to take effect on April 1, 2022)
- To strengthen information disclosure with regard to women's participation and advancement (came into effect on June 1, 2020)
- To establish a special certification system "Platinum Eruboshi" certification (came into effect on June 1, 2020).

MALAYSIA

A. INCREASING WOMEN'S PARTICIPATION IN THE ECONOMY

Introduction

Malaysia is committed to empower women including in increasing their economic participation and opportunity. This is evident especially through the inception of the National Policy on Women (NPW) since 1989. After Malaysia's accession to the Convention of the Elimination of all Forms of Discrimination Against Women (CEDAW) and pledges made to the implementation of the Beijing Platform for Action, both in 1995, efforts have proliferated in advancing women's agenda. However, despite that, real accomplishment seems afar. For example, focusing on one specific area of economic participation which is the female labour force participation rate (FLFPR¹⁸), it was at 46.7% in 1989 (compared to male labour force participation rate, already at 85.6%) and the figure fluctuated within the range of 1.1 – 2.3% in 10-year period. By 1999, FLFPR was at 44.6% and the inconsistent trend of annual rates continue up till 2009, with FLFPR at 46.4%.

The challenges to increase women's participation in economy faced by Malaysia are mutually shared by others, even developed economies like Japan and Korea. This is apparent from the World Economic Forum's (WEF) Global Gender Gap Report, published annually since 2006. Realising that gaps remain and it needs to be addressed more strategically, a review of the NPW was undertaken in 2009. It revitalises the original policy with a comprehensive Plan of Action for the Advancement of Women (POA), aims at achieving gender equality as well as balanced and sustainable development. Principally, if all economic barriers are removed for women, the World Bank predicts that Malaysia's income per capita could grow by 26.2%.

This case study focuses on the fact that even with the reviewed NPW and POA, we are still unable to fully tackle the underlying cause that impedes the success of women's empowerment initiatives, which is, the lack of general understanding about gender equality that leads to programmes and interventions less effective, and no specific legal instrument to address gender-based discrimination. Gender equality is paramount for enhanced inclusion as well as business productivity and profitability arising from increased labour force participation and gender diversity.

Pre-reform situation

FLFPR has increased to 54.1% in 2015 and 55.2% in 2018, but these figures are still lagging behind male with 80.6% and 80.4% for the respective years. Statistics have shown that Malaysia is one of the highest achieving economies in women's educational attainment, where we have reached gender parity. More specifically, the enrolment rate among women in tertiary education is much higher than men, which is at 48.3% versus 38.3% for 2018; and 50.3% versus 37.8% in 2019¹⁹. Yet, women still represent a large untapped resource.

¹⁸ Statistics compiled by the Department of Statistics Malaysia, for the period of 1982-2018.

¹⁹ Malaysia Gender Gap Index (MGGI) 2018 and 2019, Department of Statistics Malaysia.

The example above focuses on just one specific area of economic empowerment, which is through employment (formal sector). There are other areas with similar creeping progress like women’s participation STEM fields which may directly or indirectly empower them to venture into a high-tech high income start-ups; women in informal sector which contributes to more being financially sufficient if not fully independent (especially those in the B40 group); as well as women in leadership positions which would elate women agenda in every level of spheres where they are at. Among other reasons for this is, the lack of effectiveness in the implementation of the 2009 NPW and its corresponding POA, despite the scope being extended with clarity on the goals to achieve, implementing strategies and approaches compared with the earlier 1989 NPW.

The struggle with empowering women also often clashes with typical mindset in almost all sectors. For instance, many would claim that their company’s policy promotes equal opportunity for career advancement between men and women. However, does this correlate to the number of women in the same pool of talents considered for the promotion? Data from the Department of Statistics below show the participation rate in the workforce in 2017-2018, based on gender in their “peak earning age”:

GENDER	30-34 YEARS		35-39 YEARS		40-44 YEARS		45-49 YEARS	
	2017	2018	2017	2018	2017	2018	2017	2018
Male	97.4	97.9	98.0	98.1	96.8	97.1	96.4	96.1
Female	73.0	72.8	68.5	68.9	66.4	66.7	61.1	63.4

Although data above depicts a two-year trend in Malaysia, similar situation can be mutually observed globally. Hence, equal opportunity as claimed by employers does not actually translate into equal benefits for women because their representation is already much less than men. The reasons behind this is because women often take a career break during childbearing period to care for their family. Some fail to jump-start their career back, while others who succeed often encounter difficulties to advance further because of the number of “lost years” due to the career break.

Policy Response

Starting 2016, the Ministry of Women, Family and Community Development (MWFCDD) in partnership with the United Nations Development Programme (UNDP) have reviewed the effectiveness of the NPW and POA, including all 373 outcomes and 60 objectives of the 13 sectors outlined under the POA. The study finds that only 36.2% of the outcomes are either ‘achieved’ or ‘partially achieved’ which may not have been directly attributable to the NPW. Among the main reasons behind this is the scarcity of experts and capacity within the organisation itself to drive the NPW with gender understanding; and lack of coordination which is critical especially due to the heavy dependency on successful partnerships with external Government ministries and agencies, NGOs and academic institutions.

The Government is also cognisant that it is imperative to put in place a specific legislation to ensure women get equal access to opportunities, resources and benefits, and able to serve as a legal framework that substantiates all policies related to empowering women and achieving equality in any sector be it economy, social or politics. Following numerous engagements with stakeholders, a Special Project Team (SPT) comprising various agencies, NGOs, academia and individual experts led by MWFCDD is launched in early of 2019 to facilitate the Government in

drafting a bill on gender equality, followed by another drafting process for a sexual harassment bill. These two legislations although are still an on-going process, will further strengthen existing legal instruments in guaranteeing non-discriminatory treatment based on gender, as well as providing a safe environment to enable more women to consider working in either formal or informal sector, and even explore areas where they are traditionally dominated by men. Besides these draft bills, the Government is also currently amending the existing Employment Act 1955 to address concerns by both men and women facing harassment and discrimination at work. It also requires employers to allow flexible working arrangements among employees in an effort to promote work-life balance. All these reform efforts are in line with Malaysia's commitment towards gender equality which will directly impact the overall development.

While the process above continues, other profound quick-wins are also widely initiated. For example: providing better access to childcare assistance, which is an imperative factor for increasing participation in the workforce. The Government's seriousness is evident from the 2020 National Budget, where RM30 million has been allocated for childcare facilities and access to childcare facilities. Although the initiative began with government offices, more and more private companies have joined in, realising that a family-friendly workplace increases employees' productivity. However, even if these efforts provide some level of relief for women, it does not lessen the major responsibility women have always assumed, which is as a caretaker in a family especially in an economy with patriarchy culture like Malaysia. Research and data show that the unequal division of care responsibilities was a key issue for reconciliation of work and family life. Men's participation in the care of children and other dependents is increasingly recognised as important for the reconciliation of work and family life, as it not only improves women's position in the jobs market but also helps men to develop their role as parents. And, this brings us back to the fundamental of understanding about gender equality and why it is crucial towards empowering more women, including in increasing their economic participation and opportunity.

Impact

The whole course has revealed that the understanding about gender equality is fundamental. Hence, programmes to develop capacity within MWFC and all Government machineries must intensify so that the staff have sufficient skills and knowledge to be able to formulate better targeted policies and programmes for every target group.

It also highlights that improvement is needed in crosscutting collaboration between MWFC and all government agencies as well as civil society organisations for gender agenda to succeed. For example, having the gender budgeting policy supported by Ministry of Finance while MWFC provides the necessary training would ensure that all other government ministries can better understand how gender perspectives are integrated into policy formulation and translated into activities on the ground; obtain concrete feedback on the impact of a policy on a particular target group; as well as provide mutual support and understanding of each other's work.

Additionally, the desired outcomes from all the reform initiatives would allow Malaysia to have in place a specific law on gender equality which entails equal opportunity for women to fulfil their potential. This includes being significant contributors to economic, social and political processes toward achieving a more inclusive and sustainable development. This is

supported by numerous studies that show women's economic empowerment has a multiplier effect on an economy's well-being.

Challenges and lessons

Reforms through laws and policies would require full understanding about women's empowerment and its correlation with gender equality in order for it to succeed. It is a challenge to create awareness, enhance understanding and increase capacity among Government staff, let alone general public. Moreover, moving gender agenda forward has normally been linked to certain level of resistance based on religious grounds. However, continuous engagements and capacity building programmes must persevere while a comprehensive economy-wide gender action plan is in the midst of development.

There are also a number of issues need to be addressed with regards to data. It is crucial for the successful implementation of any policies, and especially pertinent for gender mainstreaming. There is a need to ensure the collection of sex-disaggregated data, and that gender indicators are integrated into monitoring and evaluation with due attention paid to both qualitative and quantitative indicators. Realising the importance, efforts need to be strengthened with the support from the Department of Statistics to collect data and analyse them to determine baselines, gaps or trends that would aid policy makers in making better plans and decisions.

Another hurdle to face is translating laws and policies into meaningful programmes that advances women's economic empowerment which is critically needed by the minority, low-income and vulnerable groups, including those in rural areas. For example, with the booming of digital economy in this era of IR4.0, it must be carefully threaded to not create further divisions within society, but must be harnessed for the benefit of everyone. Although the 2009 NPW-POA contained several objectives and outcomes relating to ensuring that a gender perspective was integrated into policies relating to the digital economy, it is an added responsibility to relook into mechanisms to ensure women have the support and capacity to fully participate in the digital economy.

B. FORMULATING A POLICY AGENDA FOR WOMEN

Introduction

The Malaysian Government has continuously implemented efforts to drive the women agenda as they recognized women contributions to economy and family wellbeing. The National Policy for Women in 1989 was introduced with the aim to uplift women's status by promoting women's rights from social to economy empowerments. This goal was further amplified through women's empowerment strategies in Malaysia Plans, both in social and economic context. As Malaysia marches towards becoming a high-income economy, Malaysia needs to further tap on the women's capabilities.

Malaysia's female labour force participation rate increased marginally from 54.1% in 2015 to 54.7% in 2017. Realizing this, the government strengthen efforts to increase female labour force participation by encouraging and promoting flexible working arrangements and returning to work initiatives. The female labour force participation rate increased to 55.7% in 2019.

Pre-reform situation

The government has done well in achieving gender parity in education, where in 2018, 62% of public university enrolment are women, however subsequently a significant number of them tend to drop out of the workforce due to personal or family commitments. And they faced challenges to return to work due to lack of flexibility. According to a report from an annual study by a global recruitment giant Monster.com the most common reasons given for new mothers quitting their jobs is a lack of flexibility (75%), followed by concerns about poor childcare for their children while they are at work (60%). A further 55% said they have an unsupportive boss and work environment when it comes to balancing home and work life.

A survey conducted by The Association of Chartered Certified Accountants (ACCA) and TalentCorp in 2013, found that the number one reason women tend to leave workforce is to raising a family followed by a lack of work life balance in the workplace.

Hence the lack of flexible working arrangements and unsupportive environment for working mothers hinder them to be retained or re-joined the workforce. In Malaysia, flexible work arrangements are not gazetted in the labour law rather practices that commonly provided by employers. In 2019, the Malaysian government announced the initiative of flexible working hours for all government servants whereby they can opt to start work between 7.30am and 8.30am and end the day between 4.30pm and 5.30pm on working days.

An agency under the Ministry of Human Resources, Talent Corporation has been established to support companies in adopting various work-life practices including flexible working arrangements. As of today, they have supported more than 100 companies of various sizes and sectors to adopt work-life practices such as working from home, flexi-hours and extended maternity leave.

Policy response

Guided by the National Policy for Women and the 10th and 11th Malaysia Plans, various policies and programmes have been introduced with the aim to promote women's economic opportunities. And those policies and programmes are particularly related work-life practices for example; establish child care at workplace by providing start-up grants, promote flexible working arrangements through TalentCorp's advisory services and increase family- friendly benefits such as maternity leave from 60 days to 90 days by 2021. In addition, the yearly LIFE AT WORK Awards aims to recognize and celebrate companies that champion progressive workplace strategies.

Given the number of policies, interventions programmes and financial incentives the female labor participations rate increased from 55.3% in 2018 to 55.8% in 2019.

Impact

According to a World Bank report, closing the gender gap in economic opportunities could boost Malaysia's income per capita by 26.2 percent. The government realized to further promote the economy opportunities for women, they need to pursue and prioritize a more comprehensive and integrated policy approach. The low female labor participation rate calls for policies and programmes to attract and retain women in the workforce by removing the barriers to economic opportunities. For example intensifying efforts to establish more quality and affordability of child care services, and also to improve family- friendly benefits in line with the international standard. Even though according to the ILO, there exists no standard concerning paternity leave but working fathers in developed economies in Africa, Eastern Europe and Central Asia have such benefits. Nevertheless, the duration of paternity leave varies, although only five economies (Finland, Iceland, Lithuania, Portugal and Slovenia) offer leave periods of longer than two weeks while Chile, Italy and Portugal make paternity leave compulsory. Singapore offered two weeks of paid paternal leave starting in 2017.

Also, greater efforts to drive the awareness of the importance flexible work arrangements to support more working women and even fathers to balance their professional and family commitments. A survey conducted by TalentCorp in 2017, most organisations agreed that work-life practices drive productivity and increase employee engagement and retention. In addition, these organisations see a significantly better outcomes when they formalised their work-life practices in policies.

Challenges and lessons

Malaysia has made progress and achieved enviable success in the context of women in development comparable with other developed economies. Statistics and reports published by the United Nations Development Programme's Human Development Report – Gender Inequality Index confirmed the substantial improvement in the overall women in Malaysia over the years. Nevertheless, there is still much to be done to integrate the women agenda into the economy's policies through gender mainstreaming approach. Also, the lack of gender-disaggregated data in Malaysia hinders the ability of the Government to formulate inclusive and effective policies on women's empowerment and to achieve real progress in removing the remaining barriers faced by women. The Government has access to relevant data from

different sources but with no clear guidelines on gender-disaggregated data gathering and quality, it cannot be translated into effective policy making.

C. ROLE OF GENDER EQUALITY IN ECONOMIC DEVELOPMENT

Introduction

Malaysian Government has recognized the importance of gender equality as an essential prerequisite for development. This acknowledgement is exemplified by the Malaysian government's commitment to implement, among others, the National Policy for Women (NPW) (2009-2015) and rectification of the United Nations Convention on the Elimination of All Forms of Discrimination against Women (CEDAW).

In addition, continuous attention has been given to women's empowerment in the 10th and 11th Malaysia Plan (MP), particularly on promoting economic opportunities and leadership role. Under the Agenda on Sustainable Development Goal, the Malaysian government highlighted its commitment to Goal 5 on Gender Equality to address issues on violence against women, removing discriminatory practices and highlighting gender data collection as stated in Voluntary National Review of the SGDs conducted in 2017.

Pre-reform situation

Historically, women's labor force participation rate or FLFPR in Malaysia has been consistently lower than men's. Under the Tenth Malaysia Plan (10th MP), the FLFPR touched 50 per cent and has continued to rise since, reaching a high of 55.2 per cent in 2018. Despite this progress and the narrowing disparity, substantial gender gap remains in Malaysia's labor force participation rates at 25.2% in 2018. Further analysis indicated that different groups of women have different workforce participation rates. For example, women with tertiary education have shown highest FLFPR. In the informal sector, the number of women workers here rose by from 38.5% from total employees in informal sector in 2015 to 49.1% in 2017. The growth of women participation in the informal sector expose them the risk in terms of job security and protection.

Based on the study by Ministry of Women, Family and Community Development (MWFCD), most women did not seek employment because of housework and family responsibilities. Women who remain outside the labor force are mostly involved with important care work at home. However this 'work' is not recognized as 'productive', i.e. where labor is paid by the market economy, and thus not included into national accounts. Care work, whether for children, elderly of disable family member, is therefore neither valued nor visible. Yet, care work is crucial and its contribution in ensuring the well-being of those who are employed in the market economy are often underestimated.

Another contributing factor of women staying out of the labor force is the gender wage gap issue. According to the Salaries & Wages Survey Report Malaysia 2018, the average Malaysian male employee had a median salary of RM2,342 a month while women made RM2,227. Even though gender wage gap appears to be narrowing, disparity still persist.

Policy Response

The 11th MP prioritized the enhancement of women's role in development specifically of two targets i.e. raising the female labor force participation rate (FLFPR) to 59% and elevating the number of women in decision-making posts. In order to raise FLFPR, among the initiatives were creating more conducive work environment by extending family-friendly employment strategies, notably promoting work-life balance and flexible work arrangements. For utmost importance, accessible and quality early childcare and childhood education (ECCE) services need to be enhanced.

Therefore, few incentives were given to achieve these targets, among others, launching grant to set up ECCE center in government premises and electricity bill rebate. Concurrently, during this period maternity leave was increased from 60 to 90 days for the public sector and private firms are expected to follow suit. Despite these measures, there were marginal increased in the FLFPR from 54.1 % in 2015 to 55.2% in 2018. Thus, indicates that the projected goal of 59 per cent by 2020 is far reaching.

The second target of having more women in decision-making posts include initiatives to attract women professionals back into the workforce via work re-entry programmes in collaboration with agencies such as Talentcorp, providing tax breaks, and offering women greater opportunities to acquire knowledge and experience in the area of entrepreneurship. In 2018, women occupied 35.8 per cent of senior posts in the public sector, and 24.4 per cent of directors on the boards of Malaysia's top 100 public listed companies, up from 15.2 per cent in 2016. This depicted that the proportion of women in decision-making positions in the private sector was still below the 30 per cent minimum recognized globally, thus indicating gender inequality still persist. Mandatory requirement for organisations and companies to report annually the diversity of leadership were introduced, and data were disaggregated by sex, age and ethnicity.

In order to enhance the participation of women in economic activities and to alleviate their vulnerability to the impact of poverty, the 11th MP also focused on promoting entrepreneurship particularly women in the rural area through programmes such as Azam Niaga and 1Nita. These programmes offer women training, guidance and/or equipment, and microcredit to start-up businesses. However, the effectiveness of these programmes is hard to fully ascertain without further study. Many women entrepreneur remain confined to micro-enterprises and narrow/typical type of businesses with limited chance of scaling up. The accessibility of women to these programme also not fully optimize due to reasons like lack of information and geographic disparities.

Impact

The Malaysia Gender Gap Index (MGGI) was introduced in 2016 based on the methodology of the Global Gender Gap Index (GGGI) where score were sourced from latest data published by the Department of Statistics, Malaysia (DOSM) together with other ministry and agencies in Malaysia.

In 2017, Malaysia Gender Gap was 0.697 which portrayed the existence of gender inequality with the gap of 0.303. Equality has been achieved for the sub-index Educational Attainment where the score of 1.040 indicates that women achievement has surpassed men.

Meanwhile, there was a marginal gap of 0.039 to achieve gender equality for sub-index Health and Survival. Political Empowerment sub-index recorded the widest gap with a score of 0.061, reflects low representation of women in political roles. Albeit, under the new government since May 2018, a significant number of women have been appointed as Ministers and Deputy Ministers and heads of key public agencies, government linked companies as well as government linked investment companies. This achievement marked important milestone in enhancing the role of women leadership in Malaysia.

Challenges and lessons

Moving forward, Malaysian Government will mobilize greater effort to enhance women empowerment. The policy towards empowerment of women will be included prominently in the Twelfth Malaysia Plan (12th MP), 2021-2025 to ensure inclusive economic growth. This will be in line with the spirit of Shared Prosperity Vision 2030 and SDG 2030.

NEW ZEALAND: PROMOTING WOMEN IN STEM

Introduction

Increasing women's representation in science is important for social justice and fairness reasons – but the case for diversity goes beyond this rationale. Parity of gender representation in leadership could be worth as much as \$881m to the New Zealand economy.

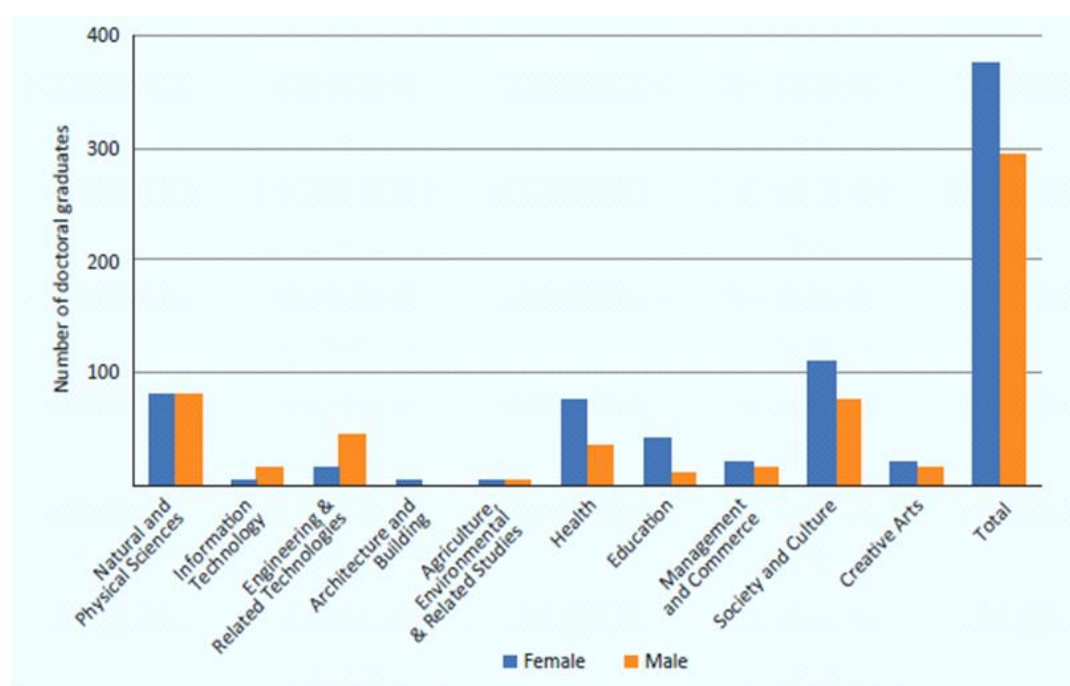
There is growing evidence that diversity leads to greater creativity, innovation and productivity. Through parity, our science workforce has the potential to improve research quality, and the relevance of research findings and outputs for society.

Higher participation for women in teams has also proven to help overcome biases, ensure more equal participation, and challenge and enhance perspectives –sparking new discoveries.

Māori are particularly poorly represented in the science and research workforce. Increasing Māori participation in STEM would lead to positive change for Māori communities (\$2.6b per year to Māori households and a shift of 22,500 people from low to high-skill employment) and ensure Mātauranga Māori and kaupapa Māori methodologies are embedded in science in Aotearoa New Zealand.

Pre-reform situation

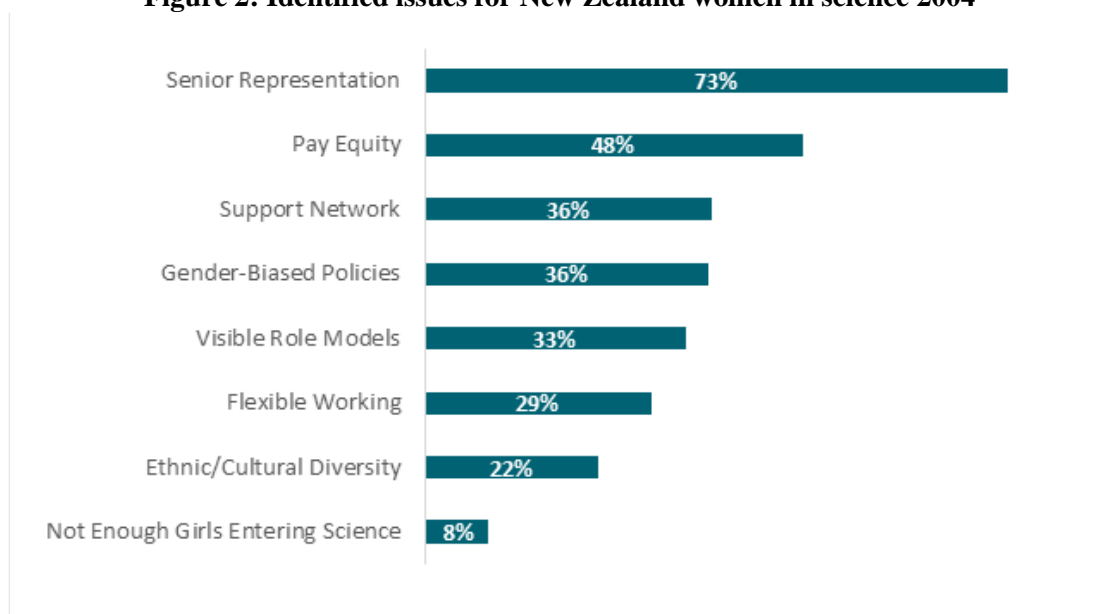
In New Zealand's scientific workforce, women have historically been under-represented. Female doctoral degree graduates are exceeding males, yet women make up only 32% of the scientific workforce. Women are underrepresented in senior academic positions (Professor or Dean) in New Zealand universities and women's careers advance more slowly and stall or discontinue more often than their male counterparts.

Figure 1: Domestic students completing doctoral degrees by gender 2016

Source: 'Education Counts: Participation' Ministry of Education, New Zealand, June 2019, <https://www.educationcounts.govt.nz/statistics/tertiary-education/participation>

Participation levels for Māori in STEM are even lower. Participation and completion at higher levels such as doctoral study remain low for Māori, with low numbers of progression into research careers. In 2017, Māori accounted for just 4.8% of university academic staff

Senior representation is the single biggest issue for women in science in New Zealand. Women are over-represented in less senior roles (for example Lecturer, Senior Tutor, Tutor Tutorial Assistant). Men are three times more likely than women to become Professors or Deans and nearly twice as likely to progress to Associate Professor or Head of Department.

Figure 2: Identified issues for New Zealand women in science 2004

Source: 'Education Counts: Participation' Ministry of Education, New Zealand, June 2019, <https://www.educationcounts.govt.nz/statistics/tertiary-education/participation>

At the current pace of change, gender parity within senior academic positions would not be achieved until approximately 2042.

Policy Response

New Zealand's policy response has been to first identify the nature of the problem and reasons for women's low levels of participation in STEM. We have been analyzing domestic and international cases and responses, and connecting with equity, diversity and inclusion experts globally. In 2019 we contributed to the Global Research Council's booklet on Supporting Women in Research.²⁰ We have identified some initial policy options and responses. To ensure our approach is responsive to our unique context and population we are also researching the inhibitors to equal participation for Māori in STEM with input from experts.

Gender inequality is the result of various culminating factors that impact on the pipeline of women attracted into and retained in STEM. A 2018 survey commissioned by the Tertiary Education Union found that half of all women surveyed had faced workplace bullying at some point in their career. Women in academic roles across the tertiary sector report stress levels higher than men. Implicit and unconscious bias (such as those based on gender and ethnicity) exist in science. Bias potentially occurs on a number of fronts including the peer review of funding applications and within nearly every indicator of scientific merit (including publications and citations, academic appointments and science prize grants).

A survey of 500 New Zealand businesses found that the most important factor in building diversity was affordable childcare arrangements.

²⁰ Supporting Women in Research', Global Research Council 2019 https://www.globalresearchcouncil.org/fileadmin/documents/GWG/GRC_GWG_Case_studies_final.pdf

Real change will require us to overcome the cultural and structural obstacles faced by women embarking on STEM careers. This includes normalizing STEM as a subject choice for girls, tackling gender-bias and discrimination, providing affordable childcare arrangements and eliminating the gender pay gap. Other factors that could help include:

- support for re-entering the workforce after a career disruption
- celebrating achievements of women scientists to help raise their profile and provide role models for future generations
- support for early career researchers to develop their academic record
- mentoring, sponsorship and career development support
- raising awareness and challenging unconscious bias
- identifying and supporting initiatives that promote greater equity, diversity and inclusion.

Research has also identified further bottlenecks for Māori studying STEM subjects and progressing in STEM careers. Māori learners record lower levels of achievement in science which may be associated with lack of resources at home and school. Across New Zealand universities only 3% of Professors/Deans are Māori compared to 85 % Europeans.

New Zealand is progressing toward gender parity early in the talent pipeline. Much attention has been given to the STEM skills pipeline. For example, the Unlocking Curious Minds (www.curiousminds.nz) fund supports projects that excite and engage New Zealanders (particularly school age children) to connect with and experience science and technology. Other initiatives include:

- sharing profiles of inspirational women in STEM careers
- the annual Women in Science forum held at the University of Auckland aimed at encouraging girls to consider science as a career.
- programmes such as Innovative Young Minds (www.iym.org.nz) encourage girls and young women to get involved in STEM.
- the week-long residential programme is open to female Year 11 and Year 12 students, and runs during the July school holidays each year.

The Curious Minds project also acknowledges the importance of Māori participation in, contribution to, and benefit from science and technology research and engagement. Vision Mātauranga aims to unlock the science and innovation potential of Māori knowledge, people and resources for the benefit of New Zealand. The four themes of the Vision Mātauranga policy are:

- indigenous innovation: contributing to economic growth through distinctive science and innovation
- Taio/environment: achieving environmental sustainability through iwi and hapu relationships with land and sea
- Hauora/health: improving health and social wellbeing
- Mātauranga: exploring indigenous knowledge and science and innovation.

For this reason the Vision Mātauranga policy is embedded across all science investments, and forms a core component for the implementation of New Zealand's approach to supporting outcomes for Māori and New Zealand.

In 2018 the Ministry of Business, Innovation and Employment released the Diversity in Science Statement which aims to support a vibrant and successful science and research workforce that is as diverse as New Zealand. This will happen through the way policies are developed, encouraging diversity of people and perspectives as part of scientific process, challenging bias, and ensuring fair and inclusive funding processes. The commitment includes reporting on diversity of science funding applicants; reviewing policies and process to understand their impact on inclusion and diversity; and ensuring a diverse range of people and perspectives in science advisory, assessment and decision making bodies.

New Zealand has also developed National Science Challenges, which have seen positive levels of representation in senior leadership roles. The National Science Challenges were established in 2014 and aim to tackle the biggest science-based issues and opportunities facing New Zealand. The Challenges bring together the economy's top scientists to work collaboratively across disciplines, institutions and borders to achieve their objectives. Our 11 National Science Challenges (NSCs) are focused on issues that matter to all New Zealanders. It's extremely encouraging that nearly half of these important investments are being led by female directors. Women are also well represented across the NSC leadership teams, governance boards and advisory panels.

Impact

At an aggregate level progress has been made in achieving gender parity in the science workforce. Women doctoral graduates outnumber men in most subjects except engineering and information (and related) technologies. However, more progress is needed to ensure women graduates can find a future and career progression in STEM.

Challenges and lessons

While New Zealand has made progress in achieving gender equity in STEM there is a way to go. We need to continue to support the pipeline of girls entering STEM and address structural and cultural obstacles that stop women succeeding in a STEM career.

Research shows that increasing representation without also improving institutional culture does not improve the experiences or fates of staff in under-represented groups. Success also requires organisations to develop inclusive practices that value, promote, and protect diverse worldviews.

Addressing the specific bottlenecks for Māori along the STEM pipeline and achieve greater population parity will require a whole-of-life strategy looking at each step in the pathway, from study through to a career in research. This will require a cross-government approach. Employers and researchers will need to move beyond diversity and equity statements and not only commit to, but initiate significant actions to recruit, retain, support and promote Māori scholars.

Taking steps to increase representation of women and Māori in STEM better utilizes New Zealand's domestic talent pool, support the economy's future economic performance and enable us to properly address New Zealand-specific problems and opportunities. Knowledge produced by all parts of society improves the relevance and impact of science to all society.

PAPUA NEW GUINEA: EMPOWERING WOMEN THROUGH FINANCIAL INCLUSION

Introduction

Papua New Guinea (PNG), has a dual economy comprising a formal, corporate-based sector and a very large informal sector where subsistence farming accounts for the bulk of economic activity. The formal sector provides a narrow employment base, consisting of workers engaged in mineral production, a relatively small manufacturing sector, public sector employees and service industries including finance, construction, transportation and utilities. PNG Women in the formal sector provides for only a small percentage of the workforce and only recently efforts are being undertaken by private sector participants as well as the public sector to promote as well as encourage women to venture into male dominated professions.

The large informal sector is comprised of agriculture activities as a subsistence livelihood for almost 80% of the people and women are at the forefront of these activities from subsistence farming, small-scale commercial food production, to marketing in PNG. Much of their production is used for subsistence purposes, with the rest sold to earn an income to sustain their families. They engage in informal enterprises out of necessity to generate income that can enable them to meet basic needs such as putting food on the table, paying for school fees, general household expenses, and meeting socio-cultural obligations. Whilst women undertake these roles, there are cultural and non-cultural barriers and challenges faced by women. Some of which include; limited knowledge of starting and managing a business, financial decisions which are mainly done by men, fear of opening bank accounts and how to access funds from financial institutions to start or expand their business and so forth.

Therefore, investing in women's economic empowerment sets a direct path towards addressing gender equality, poverty eradication and inclusive economic growth.

Pre-reform situation

The PNG economy (the 'whole' economy) consists of two unequal parts, the formal economy and the informal economy. The formal economy generates more Kina, in money terms, but the informal economy supports more people, in human terms. The bulk of the population in the rural areas, most of whom are women, are more involved in the informal economy.

Since independence, the Preamble of PNG National Constitution has acknowledged informal economic activity as being one of the 'Papua New Guinean ways' of achieving development. However, until the passing of the Informal Sector Development and Control Act 2004 there was no further legislative expression of this basic principle. Even though, in 2011 the National Informal Economy Policy (NIEP) was developed in recognition of the importance and monetary value of informal economic activities, no specific emphasis was given to empower women. Instead, the NIEP sets out broad focus to achieve maximum participation of citizens, rural and urban, male and female, in the economic opportunities offered by a dynamic and diversified informal economy.

Most of the women are involved in the informal economic activities but only make up less than 30 percent of the total financial services accounts in the economy. They represent an untapped

population of economically active, low-income micro entrepreneurs and rural producers. The financial disempowerment of women in low-income households in PNG is pervasive.

Irrespective of where they live, women in low-income households are: less likely to be able to communicate in English; less likely to own and be able to use a mobile phone; less likely to own financial products; less likely to be involved in household financial management; likely to work, but in occupations that have a lower requirement for a bank account; and, more likely to not know how they will support themselves when they are no longer able to earn. Many women, rural household and SMEs in the informal sector faced the challenge of accessing financial services and products that suits their needs to pursue economic activities.

A study into the Informal Economy in PNG identified that women played a critical role in informal business activities as well as their families' wellbeing. They were found to be better managers of their informal businesses; however, they did not have major decision powers on financial decisions when it came to money management. This provides for the need for reform and development, and promotion of financial inclusion, to ensure all citizens have access to financial services to empower them to participate in economic activities.

Policy response

The PNG Government's initial policy intervention to address the financial exclusion in PNG was the development of the National Informal Economy Policy (NIEP) in 2011. The policy is aimed at economic empowerment of women and men taking into consideration the existing social and cultural structures and articulates an enhanced financial inclusion to support the transition from rural subsistence and agricultural economy to high value market activities utilizing household farming models and strategies. The policy also identified that the informal economy business owners could be empowered to transition into formal small businesses that could boost economic growth, which a significant percentage of women business owners were important players in this sector. However, the informal sector players faced a lot of challenges which the Government has taken steps to address through its financial inclusion initiatives.

Financial inclusion initiatives as outlined in the National Financial Inclusion Strategy (NFIS) provided the building blocks for informal sector participants and especially women's economic empowerment. Providing better access to financial services, credit and basic banking facilities for savings, deposits and other financial products enable women to actively participate in the economy and contribute meaningfully to social and economic development.

In addition, the conclusion of the financial sector review in 2017, resulted in the need to for the development of a National Financial Inclusion Policy that sets the framework and policy guide for the delivery of financial inclusion initiatives, which also emphasized the need to empower women as important participants to economic development and supported key activities on women empowerment, which are already contained in the National Financial Inclusion Strategy.

The establishment of the Center for Excellence in Financial Inclusion (CEFI) came out from the Microfinance Expansion Project (MEP) to establish inclusive financial industry standards.

CEFI is mandated as the main coordinator for financial inclusion activities in PNG through the National Financial Inclusion Policy that was launched in January 2019.

CEFI's establishment followed with the development of PNG's first National Financial Inclusion & Financial Literacy Strategy (NFI-FLS) 2014-2015²¹. The first Strategy (2014-2015) was built on from the NIEP with a specific focus on "access to financial services", with the main aim to reach 1 million unbanked low-income people in Papua New Guinea, 50% of whom will be women. This sets the foundation to address women's access to financial services for economic empowerment. The Strategy also captured gender to be mainstreamed across its six working groups, with focused attention on women's access to financial services, greater gender balance in inclusive financial sector intermediaries (i.e. governance, management and staffing), and creating an enabling policy, regulatory and legislative environment that promotes and enhances the development of women-centric financial services. The NFI-FIS was developed to serve as guide for PNG to achieve greater financial services, whilst also improving the financial capabilities of citizens. It also entails PNG's seven (7) commitments of the Maya Declaration on Financial Inclusion.

The second NFIS 2016-2020²² builds on from the experience of the first strategy, and focused on "usage", while noting that 'access' and 'quality' are prerequisites for effective usage. This strategy also notes that 'financial literacy' and 'consumer awareness' must be strengthened to drive usage. The second strategy has a gender specific numerical target of 2 million additional accounts, of which 50% to be owned by women by the end of 2020. This is to ensure that more women are reached and be able to access and use financial services and products to empower them to participate in economic activities actively.

The National Financial Inclusion Policy (NFIP) that was launched in 2019 provides strategic direction for the development of a fully inclusive financial sector. The Policy lays out a broad economic development pathway for financial inclusion with room for future changes when financial sector develops and technology advances. The policy seeks to promote sustainable and inclusive growth, whilst addressing the problem of exclusion to monetization of the rural economy, and gender equality and social inclusion.

The SME Policy 2016 and the SME Master Plan 2016-2030 acknowledged that access to financial access for micro, small and medium enterprises is a key requirement for achieving its goals/targets, and outlined a number of key initiatives to enhance access to finance for enterprises in PNG. Where relevant, the NFIS seeks to align with and complement the initiatives implemented under the SME Policy.

Noting that women are critical part of the informal economy and investing in women's economic empowerment sets a direct path towards gender equality, poverty eradication and inclusive economic growth, the central bank (Bank of PNG) developed and launched the Gender Equity Social Inclusion Policy (GESI) for Microfinance Institutions (MFIs)²³ in 2017. The GESI MFIs was aimed to build institutional capacity, influence behavioral change, and

²¹ <https://www.thecefi.org/wp-content/uploads/2019/01/PNG-NFI-FIL-STRATEGY-2014-2015-eCopy.pdf>

²² <https://www.thecefi.org/wp-content/uploads/2019/01/2nd-NFIS-CEFI-PNG.pdf>

²³ <https://www.thecefi.org/wp-content/uploads/2019/01/Gender-Equity-and-Social-Inclusion-Policy-for-MFIs-MEP-PNG.pdf>

develop awareness. Its overall goal is to increase women’s financial inclusion in PNG by enabling women to access, and effectively operate, useful and affordable financial products and services that meet their needs. Seven institutions are currently engaged for the implementation of the GESI MFIs.

Impact

As the reform and policy initiatives in the financial sector outlined above transpired, significant progress has been achieved since 2013, in the overall effort to develop and promote financial inclusion agenda in PNG. Zooming down into the space of women’s economic empowerment through financial inclusion initiatives, much has progressed despite the challenges and barriers that women in PNG are faced with.

Through the implementation of the first and second financial inclusion strategies, an unprecedented progress on financial inclusion has been achieved. Some of the achievements reached are reflected in the progressive table report below.

Figure 1. Financial Inclusion progress report as from January – March 2020

Impact Indicator	Baseline June 2016	Target 2020	Progress Accumulative as at 31 December 2019	Progress made from Baseline	Progress in % (Implementation of 2 nd NFIS to Dec- 2019)
Number of overall additional accounts		2,000,000	960,592	48%	
Total Deposit Accounts	2, 299,251		3,259,843	960,592	41.78%
Total Women Deposit Accounts	641,842		970,519	328,677	55.07%
Total number of access points	12,599		14050	1451	11.52%
Branches	184		228	44	23.91%
ATMs	388		471	83	21.39%
EFTPOS	11,415		13,032	1617	14.17%
Agency	450		327	(- 123)	-27.33%

Despite the challenges, Financial Inclusion has improved overtime since its interception in PNG as shown above. As at December 2019, the total number of Deposit Accounts were 3,259,843, an increase of 960,592 (41.78%) compared to the baseline data and achieved 48% of the 2million target outlined in the 2nd NFIS. Deposit Accounts held by women had increased by 55.07% compared to June, 2016.

Number of Access points have increased from 12,599 to 14, 050, an overall increased by 11.52%. Branches, ATMs and EFTPOS have increased by 23.91%, 21.39% and 14.17% respectively from June, 2016 to December, 2019. Apart from the increases experienced in the number of Access Points, Agent Network Banking services had declined by 27.33% compared

to June, 2016. The decrease is due to omission and deletion of non-existing agents throughout PNG by LFIs via data cleaning exercise.

Under Financial Education and Literacy, CEFI's Microfinance Expansion Project (MEP) provides financial education, literacy and business development skills training. Since May of 2012 to September 2018; 212,697 people across PNG have been trained and of that 100,814 are women. The total number of trainers trained for financial education is 810 of which 310 were women trainers. For Business Development Skills (BDS) training, 75 trainers were trained and 51 were women. A total of 11,453 have been trained with BDS. Apart from this, NGOs are also rolling out financial literacy programs for women in urban and rural areas to enable and empower women to access financial services and manage their money systematically.

All of the above achievements/progress have contributed positively to women's economic empowerment through access of financial services and products in which many women are now operating SMEs in the informal sector. This contributes to positive impact on the overall economy.

Challenges and lessons

Since the launch of the first NFI-FLS in 2013, unprecedented progress for financial inclusion has been achieved. There was a significant increase in the number of women opening new bank accounts, and more women registering and participating in the financial education programs, however, challenges still persisted.

The major challenges encountered in implementing financial inclusion agenda in PNG are: lack of infrastructure development in rural areas; language barriers; lack of financial literacy skills and knowledge; and network density (development of physical access points- Bank branch & ATMs).

In an effort of implementing financial inclusion to reach out to all, financial education and literacy initiatives have been rolled with special considerations to women and SMEs in the informal sector. Mobile phone banking appears to make progress with potential to increase financial inclusion for women and the economy as a whole, however, many women in rural areas don't own phones. Key stakeholders consultation have been undertaken with services providers, relevant government agencies, development partners and private sector in developing policy strategies to advance financial inclusion agenda. Furthermore, awareness programs and Financial Inclusion Expo have been rolled out, which involves all financial service providers setting up booths and provide awareness on products and services they offer. Despite these efforts, there is still room for improvement for greater financial inclusion.

Going forward, PNG will need to take leverage on digitalization by tapping into financial innovation (FinTech) to advance its financial inclusion agenda. This calls for the need of economy-wide coverage of communication infrastructure that can cover the rural populations and enable access to financial services through digital means.

Also, key initiatives such as: financial education must be incorporated into the school curriculum; financial services must be further expanded through Fintech; consumer protection must be strengthened; and most importantly, further specific programs must be developed for women economic empowerment to enable women to actively engage in economic activities. In the rural areas, digital education especially on how to digital gadgets to access financial services/applications need to be rolled out and promoted.

Future reforms undertaken must take inclusive approaches to ensure that both economic and social aspects are covered, with special considerations to vulnerable groups like women, rural people, people with disabilities, SMEs etc.

RUSSIA: SUPPORTING WOMEN THROUGH EDUCATION AND SKILLS DEVELOPMENT

Introduction and Pre-reform situation

Russia conducts activities aimed at organization of professional education and supplementary vocational education for women on a parental leave (with children up to three years old) to foster their adaptation to and increase their competitiveness on the labor market.

In 2011, in the framework of additional activities to ease tensions on the labor market of Russia, such professional endeavors were undertaken on a condition of co-financing from the federal budget. More than 26,200 women on a parental leave who were going to get back to work were directed to programs of professional education, retraining and career development.

Since 2012 mentioned activities have been held with the means of regional budgets in 78 constituent territories of Russia. All in all about 9,500 women on a parental leave went through programs of professional education, retraining and career development. In 2013 the activities aimed at professional education and retraining of women on a parental leave were organized in all the constituent territories of Russia.

The most popular professions (specializations) appeared to be accountant, computer operator, nail artist, hairdresser, cook, salesman, secretary, nurse, HR manager, trade manager. The most popular courses were: accountancy, trade and warehousing, and managing trade.

Policy responses

While taking these professional programs, women may benefit from the distance learning. At the same time they are provided with an opportunity to receive a consultation on the professional path to pursue (2015 – 18,500 consultations, 2014 – 16,700).

In 2017 about 18,100 women on a parental leave joined professional education programs (in 2016 – 18,400). While generally more than 93,000 women (and 87,700 in 2016) applied for professional education, retraining and professional development programs.

These figures indicate the increase in women's needs (while on a parental leave) to raise their qualifications to boost professional development and ensure competitiveness on the labor market.

To provide further support to women, the Presidium of the Presidential Council for Strategic Development and National Projects enacted the project called “Demography”, which contains the Federal Project “Facilitation of women's employment – creation of pre-school education environment for children at the age of up to three years”. Its goal is to provide opportunities for women who are bringing up children of pre-school age to combine working activities and family obligations including with the means of increasing availability of pre-school education and creating additional groups for short-term attendance by children of pre-school age.

Impact

Fostering women labor activities (including reaching 100% availability by 2021 of pre-school education for children up to three years old) is one of important tasks for Russia. Policies aimed at employment of women who are raising young children are being implemented in the frames of the government program “Fostering population’s employment”.

It is clear that women with family obligations should be enabled with environment presupposing life-work balance, among others by organizing programs of professional education and professional development that respond to changes in the professional activities and their combination with family tasks.

The expectation is that in near future all women on a parental leave will get opportunity to receive recommendations on their professional specialization from the respective government bodies so that to gain necessary skills and then either return back to work with updated skills or to change their profession in order to provide themselves better life-work balance.

In line with the Federal Project “Facilitation of women’s employment – creation of pre-school education environment for children at the age of up to three years” implementation of the programs aimed at professional education, retraining and development of women in a parental leave, not being in an employment relationship but having addressed the employment service, is being co-financed by the federal budget. It is planned that by 2020-2021 the aforementioned programs will cover annually 40,000 women, in 2022-2024 – 50,000 women.

As a result by 2024 not less than 230,000 women of the considered category will get professional education, undergo retraining and development programs.

The educational program lasts for 6 months and covers most demanded professions, as well as those responding to digitization of economy and development of digital technologies.

It is expected that by 2024 the level of women’s employment (for those having children of pre-school age) will increase by 3.9 points in comparison with the average 2015-2017 level, equivalent to 68.5%.

Correspondent legislative acts providing for the abovementioned activities as well as the methodology for monitoring and evaluation (including with the means of social polls) have been elaborated in 2019.

Challenges and lessons

Russia will continue to develop and introduce new measures to raise women’s qualifications.

CHINESE TAIPEI: PROMOTING WOMEN IN DECISION-MAKING AND LEADERSHIP ROLES

Introduction

Since the Constitution was amended in 2005, Chinese Taipei has been strengthening its gender-equality promotion efforts in all aspects of the society. In 2011, the “Gender Equality Policy Guidelines” was promulgated as the overall guiding principles for addressing various gender-equality issues. And in 2012, the Department of Gender Equality (DoGE), a designated cabinet-level department for gender equality, was established so as to coordinate cross-ministerial initiatives and supervise the implementation of gender mainstreaming measures while incorporating gender perspective in all aspects of policy formulation. One of the key strategies for unleashing women’s economic and political empowerment is to enhance women’s participation and leadership in all levels of decision-making.

Over the years, relevant regulatory reforms and policy measures have been implemented for forging gender-friendly workplaces, supporting women with family care facilities, developing women’s capabilities and skills, as well as ensuring women’s participation in decision-making. There have been tremendous results in certain areas; for example, in the sphere of public affairs, the proportion of female legislators has reached a record high of 41.2% in 2020.

Moreover, since 2016 Chinese Taipei has been led by its first ever female leader, who was re-elected for her second term in early 2020, indicating that female leadership in political affairs is well recognized among our citizens. Also, in the face of the COVID-19 pandemic, Chinese Taipei has successfully contained the spread of COVID-19 domestically, and further provided our allies with medical masks. The outstanding performance of our female leader has been applauded internationally, along with other female leaders around the world, demonstrating the success of women’s leadership in fighting the pandemic.

Chinese Taipei is committed to promoting the “La Serena Roadmap for Women and Inclusive Growth (2019-2030)”, which aims to encourage economies to take action on improving women’s access to leadership positions in all levels of decision making. Accordingly, Chinese Taipei has also promoted the “Gender Equality Issues (2019-2022)” with “women in decision-making and leadership” as one of the five priorities, so as to further advance our policy goal and implementation progress in this regard.

This case study provides an introduction to Chinese Taipei’s promotion of women in decision-making and leadership in public and private sectors, with approaches including regulatory reform to enhance women’s economic and political participation, education measures for breaking social norms, and entrepreneurship measures for promoting women’s leadership in business.

Pre-reform situation

In the past, there was a big gender gap in decision-making in Chinese Taipei. For example, the first female cabinet member appeared in 1988. Before 2000, the proportion of female cabinet members never exceeded 15% and the proportion of female legislators accounted for only 20.9% in 2004. Although Chinese Taipei has seen progress in women's empowerment, still we have to tackle the following issues so as to make more progress:

- Lack of fundamental regulatory reform to improve women's economic and political participation
- Lack of policy guidelines for overall gender-equality promotion
- Gender awareness to be strengthened in education and career building
- Lack of relevant statistics and information to monitor progress
- After the Constitution stipulating the minimum proportion of women legislators in 2005, in order to reduce the gender gap, Chinese Taipei took a series of measures to increase female representation in both the public and private sectors with an expectation of forging a more gender-friendly society.

Policy response

Structural reforms and relevant policy measures are needed to address the aforementioned structural obstacles that we have confronted over the years. Therefore, Chinese Taipei has implemented the following initiatives:

Implementing structural reforms

- The Constitution was amended in 2005, which stipulates the number of elected female legislators-at-large shall not be less than one-half of the total number.
- In 2007, the "Civil Servants Election and Recall Act" was formulated, stipulating that all political parties are required to nominate female for no less than 50% of total legislators-at-large.
- In 2010, the "Local Government Act" stipulated that if the number of special municipal councilors, county (city) councilors, and township (city) representatives elected by each electoral district reaches four persons, there should be one female seat among the four elected; if there are more than four elected, every additional four persons elected shall include one female.
- The "Enforcement Act of Convention on the Elimination of All Forms of Discrimination against Women" was put into effect in 2012.
- The "Gender Equality Policy Guidelines" was announced in 2011 for advocating women's empowerment and gender-equality issues in seven major fields, including power, decision-making, and influence, etc.
- The government continues to promote the one-third gender rule, requiring not less than one-third of the total number of seats for women in the decision-making level of such entities as members of the Cabinet and the committees of government agencies, and directors of the board and supervisors in the government-owned enterprises and government-funded organizations.
- "Corporate Governance Best Practice Principles for TWSE/TPEX Listed Companies" has required that the composition of the board of directors of publicly-listed

companies, gender should be considered as one of the diversity issues. Financial Supervisory Commission also requires that the gender information of the directors should be disclosed in annual report along with whether the company has formulated relevant diversity policy.

Promoting gender awareness for breaking gender stereotypes

- Promoting Gender Equity Education
 - The “Gender Equity Education Act” has been formulated in order to soundly establish education resources, nurture gender awareness and environments that epitomize gender equality.
 - Students in elementary and junior high schools are provided with mandatory gender equality courses at least 4 hours each semester. Civil servants are also required to take courses on gender mainstreaming training at least 2 hours per year.
- Encouraging women and girl’s participation in STEM
 - Higher education system has been faced with gender segregation, with more women in the humanities and less women in science and engineering.
 - We have been encouraging girls to study in STEM disciplinary to break gender stereotypes in education and hope to narrow digital gender gap and gender wage gap in the future.

Promoting gender-friendly workplace and women’s entrepreneurship

- The “Act of Gender Equality in Employment” was enacted in 2002 and there has been continuous review to ensure gender-friendly workplace, prevent sexual harassment, introduce family-friendly leaves and enforce prohibition of gender discrimination against job application, performance evaluation and career promotion.
- Chinese Taipei encourages female to establish their own businesses by providing access to loans and consultation and launching several women’s entrepreneurship programs, such as “Phoenix Micro Start-up Program” and “Women Entrepreneurship Program”. The former offers business loans, interest subsidies and consultant services to relieve the financial burden on early stage businesses. The latter provides a complete package of consulting mechanisms to female entrepreneurs, including consulting mentors, capacity and network building as well as access to market, supporting women to overcome difficulties and challenges in different stages of growing their businesses.

Collecting gender-aggregated statistics and information

- To further identify the gender gap and conduct policy evaluation, the government continuously collects and compiles various gender-aggregated statistics, and has published a gender statistical annual report since 2007.
- In terms of women’s representation in leadership, the “Power, decision-making and influence” category in the above statistics report contains the following key indicators:
 - In the public sector: proportion of female legislators, special municipal councilors (local government), justices, senior rank civil servants and committee members of administrative agencies.

- In the private sector: the proportion of women in charge of SMEs, proportion of female directors of publicly-listed companies, and female at decision-making level in labor unions.

Implementing incentive and evaluation mechanisms

- Providing policy incentives
 - In the public sector: The DoGE holds “Golden Carnation Awards” annually to evaluate central and local governments’ efforts into gender equality and encourage them to take innovative and efficient measures on gender equality.
 - In the private sector: To encourage private sector to take measures on increasing women representation in decision-making, Chinese Taipei holds the “Work-Life Balance Award” for creating gender-friendly workplaces and the “Women Entrepreneurship Award” for promoting female entrepreneurship.
- Review of the CEDAW Report
 - Chinese Taipei holds the review meeting for its CEDAW Report every four years to obtain recommendations from domestic and international experts on gender policy and measures to advance its policy.

Impact

According to the United Nations Development Programme (UNDP)’s Gender Inequality Index (GII) Report and adapting its calculating method, Chinese Taipei ranked 9th in the world and 1st in Asia for gender equality performance in 2018, due to the continuous and diligent implementation and monitoring of gender-equality policy of the government. Data have shown that women’s representation in economic and political leadership has achieved substantial results, both in the public and private sectors, as shown below:

In the public sector		
	Indicator	Achievement
1	the proportion of female legislators	In 2020, women accounted for 41.2% of legislators, hitting a record high, an increase of 10.8% compared to 2008.
2	the proportion of female special municipal councilors	In 2018, women accounted for 35.8% of special municipal councilors, an increase of 1.7% compared to 2010.
3	the proportion of female justices	In 2018, 26.7% of justices are female, number doubled 10 years ago.
4	the proportion of female senior rank civil servants	Women senior rank civil servants have increased over the past decade, from 22.8% in 2008 to 34.6% in 2018.
5	the proportion of female committee members of administrative agencies	There were 86.65% of the committees of administrative agencies with proportion of female committee members not less than one-third in 2019.
In the private sector		
	Indicator	Achievement
1	the proportion of women in charge of SMEs	In 2018, 36.8% of the total SMEs were with women legal representatives, an increase of more than 10% compared to 2012.

2	the proportion of female directors of publicly-listed companies	In 2018, there were 2,327 women directors of publicly-listed companies, accounting for 13.7% of the total, an increase of 1.9% compared to 2013.
3	women at decision-making level in labor union	The proportion of women directors and supervisors of labor unions increased from 25.9% in 2012 to 31.4% in 2017.

Challenges and lessons

Although remarkable progress has been made, there are, however, still some challenges needed to be addressed to ensure women’s representation in decision-making and leadership levels across various industries or disciplines. To advance our pursuit, in 2019, Chinese Taipei launched a four-year comprehensive project “Gender Equality Issues (2019-2022)” to further tackle five leading gender-quality issues, including “promoting gender equality of decision-making”. The following challenges are expected to be addressed accordingly.

Underrepresentation of female in decision-making in the public sector

- The female political representatives
 - The proportion of female cabinet members was 11.9% in 2019, and the proportion of female politically-appointed officials was 23.4% in 2018, indicating that there is a considerable shortfall in satisfying the one-third gender rule.
- The female representatives of government foundations
 - There were 34.55% of the directors of board and 21.65% of the supervisors of the foundations sponsored by government not meeting the one-third gender rule.
- The female committee members of administrative agencies
 - Even though currently 86.65% of the committees of administrative agencies are in line with the one-third gender rule, we expect the administrative agencies to push the ratio to 40% for the short term, and 50% in the long term.

Underrepresentation of female in decision-making in the private sector

- Female directors and leaders in publicly-listed companies
 - In 2018, only 13.7% of directors of publicly-listed companies are women, whereas 86.3% are men, indicating that the gender gap in decision-making level is still substantial.
- certain industries traditionally led by men
 - The gender gap of directors of board and supervisors in certain industries are even obvious. For examples, in fishermen and farmers' associations, female directors counted only for 3.5% and 4.8%, respectively, revealing a tremendous gender gap.

Learning from the past experiences and also the best practices from other advanced economies on the front of gender equality, Chinese Taipei has demonstrated our determination via our newly-launched initiatives to be in line with APEC’s collective efforts to unleash women’s full participation in all sectors of the society. Looking forward, Chinese Taipei is more than ready to work proactively with APEC’s economies to realize an inclusive and balanced society.

UNITED STATES: ENHANCING FEMALE LABOR FORCE PARTICIPATION

Introduction

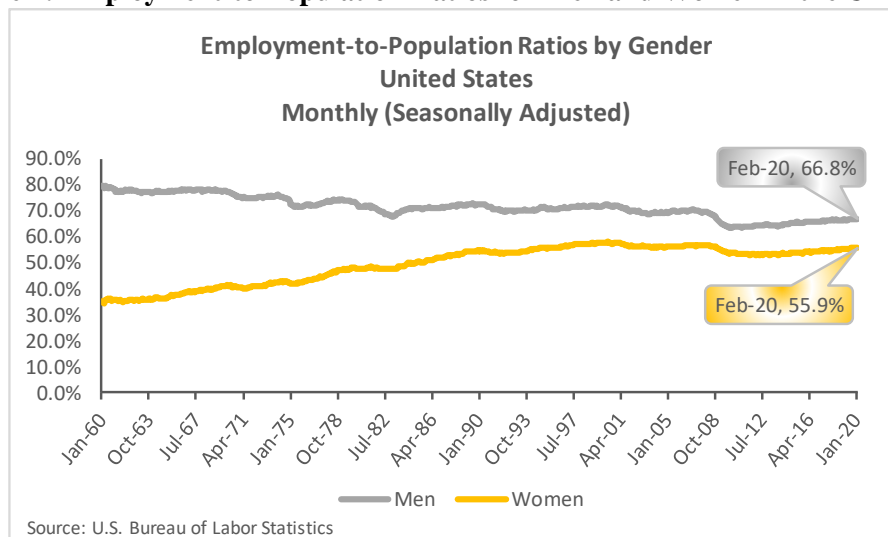
Before the global outbreak of COVID-19, the U.S. economy enjoyed a relatively strong and steady growth and a robust labor market that supported women’s economic participation. Economic growth has been stable despite slower global growth.

In December 2019, the U.S. economy registered 41 consecutive quarters of year-over-year expansion, with growth exceeding 2 percent year-over-year since the first quarter of 2017²⁴. On the labor market front, the U.S. economy added 2.1 million non-farm jobs in 2019, averaging 178,000 jobs per month²⁵. Throughout most of 2019 and up to February 2020, the U.S. unemployment rate remained at or near a 50-year low of 3.5 percent.

Since 2009, the unemployment rate for women has been typically less than the rate for men. The most recent rates stand at 3.6 and 3.4 percent for men and women, respectively (as of February 2020)²⁶. The unemployment rate for women remains near lows last recorded in 1953, almost sixty-seven years ago.

Other measures of labor market activities also point to the robustness of the labor market. As shown in Figure 1, the share of women who are employed (employment-to-population ratio) increased by about 21 percentage points since February 1960. Men also have seen a modest recovery in their employment-to-population ratios from the historic lows reached during the Great Recession, and remains on an upward trajectory²⁷.

Figure 1: Employment-to-Population Ratios for Men and Women in the United States



²⁴ “National Income and Produce Accounts,” Bureau of Economic Analysis, accessed April 1, 2020, <https://apps.bea.gov/iTable/iTable.cfm?reqid=19&step=2#reqid=19&step=2&isuri=1&1921=survey>.

²⁵ “Current Employment Statistics Survey,” Bureau of Labor Statistics, Accessed April 2, 2020, <https://www.bls.gov/news.release/empsit.toc.htm>.

²⁶ “Current Population Survey,” Bureau of Labor Statistics, Accessed April 2, 2020, <https://www.bls.gov/cps/>

²⁷ Data are from the labor force statistics from the Current Population Survey. Accessed April 1, 2020, <https://www.bls.gov/cps/#data>

Economic growth, strong labor markets, and subdued inflation supported income growth for Americans especially for women and other historically disadvantaged groups²⁸. In 2018 and 2019, annual nominal wage growth reached at least 3 percent, well above inflation, a pattern last occurring just prior to the Great Recession. In 2018, median household income recorded its fourth consecutive annual increase for family households²⁹. The Census Bureau reports that real median earnings of full-time, year-round working women in 2018 was 5.8 percent higher than their 2007 median, the year before the Great Recession. Men, on the other hand, did not experience an increase in their real median income since 2007.

Pre-reform situation

In 1960, the workforce participation rate of women in the United States was 37.7 percent³⁰. In the 1960s and 1970s, women workers were concentrated in retail trade, health care services, and education³¹. Women had few legal protections against discrimination in employment. Women earned only 62 cents for every dollar earned by a man in 1979³².

Policy response

In response to societal, economic, and cultural changes, including the Civil Rights Movement, the U.S. government passed a number of laws prohibiting discrimination on the basis of sex and pregnancy, among other bases, starting in the early to mid-1960s. To enforce newly-enacted protections against employment discrimination, the U.S. government created two institutions – the Equal Employment Opportunity Commission (EEOC), and the Office of Federal Contract Compliance Programs (OFCCP) – the latter of which is part of the Department of Labor.

Laws Enforced by the Equal Employment Opportunity Commission

The Equal Pay Act, signed in to law on June 10, 1963, was one of the first federal anti-discrimination laws. The Act made it illegal to pay men and women working in the same place different salaries for work requiring substantially equal skill, effort, and responsibility. The Act also prohibits any retaliation by employers against workers for filing a complaint of discrimination.

The Civil Rights Act of 1964, a sweeping landmark civil rights law in the United States, outlaws discrimination in a variety of settings, including employment, voter registration, education, and public accommodations - based on race, color, religion, sex, or origin. Title VII

²⁸ “Economic Report of the President,” Council of Economic Advisers, February 2020, <https://www.whitehouse.gov/wp-content/uploads/2020/02/2020-Economic-Report-of-the-President-WHCEA.pdf>.

²⁹ “Income and Poverty in the United States: 2018,” U.S. Census Bureau, September 2019, <https://www.census.gov/content/dam/Census/library/publications/2019/demo/p60-266.pdf>

³⁰ U.S. Department of Labor, Women’s Bureau, Women in the Labor Force, Accessed April 8, 2020, <https://www.dol.gov/agencies/wb/data/facts-over-time/women-in-the-labor-force#womenstem>.

³¹ “Where women work—an analysis by industry and occupation, Elizabeth Waldman and Beverly J. McEaddy, Monthly Labor Review, Vol. 97, No. 5 (May 1974), pp. 3-13,” Accessed April 22, 2020, https://www.jstor.org/stable/41839334?seq=3#metadata_info_tab_contents.

³² U.S. Bureau of Labor Statistics, BLS Reports December 2019, U.S. Women in the Labor Force: A Databook. Accessed April 8, 2020, <https://www.bls.gov/opub/reports/womens-databook/2019/home.htm>.

of that law prohibits employment discrimination on these bases by employers, employment agencies, and labor organizations. Its prohibition against sex discrimination includes sexual harassment and gender-based harassment that has no sexual connotations. Title VII, like the Equal Pay Act, prohibits retaliation against those who have filed employment discrimination charges or who have reasonably opposed workplace discrimination on the relevant protected bases. The Pregnancy Discrimination Act of 1978 amended Title VII of the Civil Rights Act to prohibit discrimination against a woman because of pregnancy, childbirth, or a medical condition related to pregnancy or childbirth.

Title VII of the Civil Rights Act also created the EEOC. The EEOC has the authority to investigate charges of discrimination filed by individuals, a group, or an EEOC Commissioner. If the EEOC believes that discrimination has occurred, the agency will attempt to conciliate the charge. If a voluntary settlement is not reached, the EEOC may litigate these charges. In any case where the EEOC does not litigate, including all of those where it believes no discrimination occurred, the EEOC provides the charging party with a right to file a lawsuit on her own at the conclusion of its investigation.

Additional, important protections enforced by the EEOC were added after the Civil Rights Movement. The Americans with Disabilities Act of 1990 prohibits discrimination against individuals with disabilities, and it requires employers to provide a reasonable accommodation for an employee with a disability, unless doing so would cause significant difficulty or expense for the employer. While this law does not have explicit protections for women in the workplace, it will include women with disabilities specific to or more prevalent in their gender. In some circumstances, pregnancy complications can qualify for these protections.

Under the Lilly Ledbetter Fair Pay Act of 2009, each discriminatory paycheck resets the 180-day time limit to file a claim of pay discrimination, thereby extending the time employees may challenge unfair pay. This Act overturned a 2007 U.S. Supreme Court decision requiring victims of wage discrimination to file a claim within 180 or 300 (depending on jurisdiction) days of the initial discriminatory paycheck, and it restored the EEOC's longstanding position that each paycheck containing discriminatory compensation is a wrong actionable under federal law, regardless of when the discrimination began. The Lilly Ledbetter Fair Pay Act importantly recognizes that victims of pay discrimination may not initially be aware that they are being discriminated against by their employers.

Where discrimination is proven under these laws, the charging parties may be entitled to placement in a position, reinstatement, or similar equitable relief; front pay; back pay; attorney's fees; compensatory (monetary) damages; and, if the employer acted with malice or reckless indifference to the employee's rights, punitive damages. Employers additionally are often required to change their workplace practices.

Laws Enforced by the Department of Labor

In 1965, one year after the enactment of the Civil Rights Act, the Executive Order 11246 was signed. The Office of Federal Contract Compliance Programs, or OFCCP, was created to carry out the responsibilities of the Secretary of Labor for administering the Executive Order's non-discrimination and affirmative action provisions. This Executive Order prohibits federal contractors and subcontractors who do over \$10,000 in government business in one year from discriminating, in all aspects of employment, on the basis of race, color, religion, sex, sexual

orientation, gender identity, and origin. The OFCCP and EEOC work collaboratively on cases that involve violations of both the Executive Order and EEOC-enforced laws.

The Executive Order also requires government contractors to take affirmative action to ensure that equal opportunity is provided in all aspects of their employment. Additionally, Executive Order 11246 prohibits federal contractors and subcontractors from, under certain circumstances, taking adverse employment actions against applicants and employees for asking about, discussing, or sharing information about their pay or the pay of their co-workers.

The Comprehensive Employment and Training Act of 1973 (CETA) consolidated a number of existing federal and federally-assisted job training programs to help unemployed, underemployed, and disadvantaged individuals. Significantly, CETA included a prohibition on sex discrimination in these programs, opening the door for model programs focusing on women in nontraditional jobs, special counseling and referral services, pre-apprenticeship training, and job development. Over the years, CETA has been replaced by successor statutes that have expanded the availability of employment-related training and support programs to a wider range of populations. However, all of those statutes – including the current successor statute, the Workforce Innovation and Opportunity Act of 2014 (WIOA) – have continued to bar discrimination against women in the economy’s system of employment training and workforce development programs.

In addition, the Department of Labor’s updated Equal Employment Opportunity in Apprenticeship Regulations (CFR 29 C.F.R. part 30) took effect in January 2017. These regulations are designed to increase workforce participation by women and other underrepresented groups in registered apprenticeship programs, and to protect against unlawful discrimination. Key provisions impacting women are: (1) clarifying that sex discrimination includes discrimination on the bases of pregnancy and gender identity, (2) requirements for sponsors of apprenticeship to conduct outreach and recruitment of women into apprenticeship programs; and (3) requirements for sponsors of apprenticeship programs to provide anti-harassment training.

The Family and Medical Leave Act of 1993 (FMLA) entitles eligible employees of covered employers to take unpaid, job-protected leave for specified family and medical reasons with continuation of group health insurance coverage under the same terms and conditions as if the employee had not taken leave. The Department of Labor’s Wage and Hour Division is responsible for enforcing the FMLA.

Working conditions and wage protections of women workers have improved considerably since the establishment of the Women’s Bureau in 1920, a sub-agency within the Department of Labor. Over the course of its history, the Women’s Bureau has evolved to continue to support a broad range of issues related to working women, including paid family leave and child care. In 2020, the Women’s Bureau celebrates its centennial. The work of the Women’s Bureau focuses on researching and promoting policies that work for working women through its grant-making authorities, convening activities, and strategic regional outreach.

One of the grants administered by the Women’s Bureau is the Department of Labor’s Women’s Bureau’s *Women in Apprenticeship and Nontraditional Occupations* (WANTO) grant program. This grant helps recruit, mentor, train, and retain more women in quality pre-apprenticeship and apprenticeship programs, and encourages them to pursue non-traditional occupations,

where, in many instances, women historically have been significantly underrepresented. The WANTO grant program assists employers, community-based organizations, and labor unions in the recruitment, training, and retention of women in apprenticeship and non-traditional occupations. Since 2017, the Women’s Bureau has had primary oversight for administering the grants and awarded funds to 11 community-based organizations. Preliminary internal data show that approximately 1,500 women have been served by the WANTO grants since 2017. Since 2017, the Women’s Bureau has awarded \$4.39 million in WANTO grants.

The Women’s Bureau also administers the Re-Employment, Support, and Training for the Opioid Related Epidemic (RESTORE) grant that awarded \$2,499,726 in 2019 to help women affected by the opioid crisis re-enter the workforce. Five entities located in Tennessee, Pennsylvania, New York, Virginia, and New Jersey were each awarded approximately \$500,000. Grantees are currently using the funds to offer skills development and employment services to women workers by fostering cooperative relationships with key stakeholders, including public health and substance abuse treatment professionals, and other human services and support services providers. Preceding the RESTORE grant, the Women’s Bureau administered a pilot opioid grant program in 2018 that awarded \$650,000 to the Maryland Department of Labor, Licensing, and Regulation (DLLR). DLLR awarded contracts to two entities for services under the grant.

Impact

Many economic, legal, societal, and cultural shifts contributed to the rapid rise in women’s labor force participation in the United States, which was a major development in the labor market during the second half of the 20th century. While the laws prohibiting discrimination against women in employment likely supported women’s increased labor force participation, a direct, causal relationship between these laws and the rise in female labor force participation cannot be established.

Overall, women’s labor force participation increased dramatically from the 1960s through the 1980s, before slowing in the 1990s. Women’s involvement in the labor market has changed in several notable ways over the past several decades. For example, women became much more likely to pursue higher levels of education: from 1970 to 2018, the proportion of women ages 25 to 64 in the labor force who held a college degree quadrupled, whereas the proportion of men with a college degree about doubled over that time. Women also have become more likely to work full time and year round³³. However, women disproportionately represent the part-time workforce. Approximately 23.4 percent of employed women worked part-time, while only 11.5 percent of employed men engaged in part-time work in 2019³⁴. The percentage of managers who are women rose from approximately 17 percent in 1970 to approximately 37 percent in 1990, before leveling off. Women currently represent approximately 40 percent of workers in management occupations³⁵.

³³ U.S. Bureau of Labor Statistics, BLS Reports December 2019, U.S. Women in the Labor Force: A Databook. Accessed April 8, 2020, <https://www.bls.gov/opub/reports/womens-databook/2019/home.htm>.

³⁴ U.S. Bureau of Labor Statistics, Labor Force Statistics from the Current Population Survey, Table 8. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity. Accessed April 8, 2020, <https://www.bls.gov/cps/cpsaat08.htm>.

³⁵ U.S. Census Bureau, Women in the Workforce. Accessed April 8, 2020, https://www.census.gov/newsroom/pdf/women_workforce_slides.pdf. See also U.S. Bureau of Labor Statistics, [Labor Force Statistics from the Current Population Survey, Household Data, Annual Averages, Table 11](#).

Women’s earnings as a proportion of men’s earnings have grown over time: women’s earnings rose 18.8 percentage points compared with those of men from 1979 to 2018³⁶. In 2019, women who were full-time wage and salary workers had median usual weekly earnings that were 82 percent of the earnings of male full-time wage and salary workers³⁷. In recent years, women in the baby-boom generation (defined as people born between 1946 and 1964) have begun to retire in large numbers, which has put downward pressure on their labor force participation rate over the past decade or so³⁸.

While women’s participation in previously male-dominated occupations - including in science, technology, engineering, and math (STEM) occupations - has shown significant improvement in certain fields, women still remain underrepresented in many STEM fields. For example, between 1970 and 2018, women’s representation in life and physical science rose from 14 percent to 45 percent; from 15 percent in math occupations to 48 percent; and from 3 percent to 16 percent of engineers. Women’s representation in computer occupations rose to 34 percent in 1990, but declined to 25 percent in 2018. While progress has been made to increase women’s opportunities and participation in these occupations, only 26 percent of workers in all STEM fields were women as of 2018³⁹.

Challenges and lessons

A key challenge encountered in implementing the reform is increasing workers’ knowledge about their rights and employers’ knowledge of their responsibilities. Another key challenge is maintaining effective enforcement of the laws described in this case study. Despite the EEOC’s rigorous enforcement of federal anti-discrimination laws, and remarkable progress of women in the workplace since the 1960’s, women continue to face barriers to full participation in the labor force as a result of employment discrimination.

Moreover, these barriers have a disproportionately negative impact on women of color. To focus the work of the agency in the most impactful way, the EEOC has enacted and followed Strategic Plans, which together with the agency’s Strategic Enforcement Plans, establish substantive area priorities and set forth strategies to integrate all components of EEOC’s private, public, and federal sector enforcement to have a sustainable impact in advancing equal opportunity and freedom from discrimination in the workplace. The EEOC also has created initiatives to study and suggest solutions for continuing issues involving workplace discrimination, such as the [EEOC Select Task Force on the Study of Harassment in the](#)

[Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity](https://www.bls.gov/cps/cpsaat11.htm). Accessed April 8, 2020, <https://www.bls.gov/cps/cpsaat11.htm>.

³⁶ U.S. Bureau of Labor Statistics, BLS Reports December 2019, U.S. Women in the Labor Force: A Databook. Accessed April 8, 2020, <https://www.bls.gov/opub/reports/womens-databook/2019/home.htm>.

³⁷ “Usual Weekly Earnings of Wage and Salary Workers, Fourth Quarter 2019 (See table 7),” Bureau of Labor Statistics. Accessed May 19, 2020, https://www.bls.gov/news.release/archives/wkyeng_01172020.htm. **NOTE:** Using female-to-male hourly earnings ratio, the gender wage gap continued to improve reaching 87.8 percent in 2018, after reaching a historic high of 89.2 percent in 2017.

³⁸ U.S. Bureau of Labor Statistics, BLS Reports December 2019, U.S. Women in the Labor Force: A Databook. Accessed April 8, 2020, <https://www.bls.gov/opub/reports/womens-databook/2019/home.htm>.

³⁹ U.S. Census Bureau, Decennial Census 1970-2000 and American Community Survey public use microdata 2010 and 2018. Accessed April 8, 2020, <https://www.dol.gov/agencies/wb/data/facts-over-time/women-in-the-labor-force#womenstem>. See also, EEOC’s 2015 Women in the American Workforce report (https://www.eeoc.gov/eeoc/statistics/reports/american_experiences/women.cfm) and the EEOC’s 2016 report on Diversity in High Tech (<https://www.eeoc.gov/eeoc/statistics/reports/hightech/index.cfm>).

[Workplace](#), which produced a widely-cited study that proposed workplace reforms and training programs to address harassment and, in particular, sexual harassment.

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