# WOMEN AND MEN IN OECD COUNTRIES



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### Acknowledgements:

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### **Preface**

### From indicators to action: OECD provides the analysis

The OECD exists to promote policies designed "to achieve the highest sustainable economic growth and employment and a rising standard of living". We are proud of the role we play in helping countries learn from one another in achieving these goals, and in identifying "best practice" in a very broad range of policies, from education and pensions to macroeconomic policy and trade.

To identify best practice, the OECD develops indicators which illustrate some vital differences in experience, across countries, over time and across different groups. Such indicators are not plucked from thin air. Rather, they are the product of many years of painstaking work in identifying the issue, getting agreement across countries, collecting and standardising data. For many years now, we have been trying to improve analysis by collecting statistics separately for women and men. Outcomes for women and men are very different across many different areas of life, and policies have to reflect this. Best practice across countries in many areas of policy cannot be "gender-blind".

The "Quality Framework and Guidelines for OECD Statistics" indicates that, whenever appropriate, the OECD should collect data disaggregated by sex. The indicators in this brochure are a tiny sample of the data which are now collected by the OECD. They illustrate some important differences between women and men. Sometimes outcomes are better for women than for men – they perform better at school, they are less likely to go to prison, to smoke, are less likely to be "socially isolated", and they live longer. In other areas, men have a better time of it – they earn more and are more likely to get into positions of power in both political and economic life.

In addition to these indicators of outcomes, we need to analyse policy. There is not space to showcase all of our gender-related work in this brochure, but we are making a lot of headway in many different areas of gender analysis, not just in the areas that you would expect – pensions, family policies and education, for example – but also in trade, entrepreneurship and development aid. If governments want "more growth, employment and a better standard of living", then they are going to need more of this sort of gender-sensitive analysis, and more indicators of how men and women are doing. The OECD is committed to sustain this effort providing solid statistical evidence and analysis.

**Dick Hecklinger**OECD Deputy-Secretary General

### Better policies for men and women

Indicators are only the first step in developing better policies for women and men: the next stage is to understand why these differences occur, and then what we can do about them. The following describes a few of the most important recent and ongoing projects aimed at improving gender policy in OECD countries. Information on OECD work on gender issues in developing countries follows.

Gender differences are striking in school performance, as the OECD PISA study (Programme for International Student Assessment) of attainments at age 15 shows. National experiences are being reviewed in an Equity in Education project, which looks at why different groups – including the different sexes – end up with different outcomes. While female participation in tertiary education has grown rapidly in comparison to males, the choice of subjects remains very different. This contributes in part to the result that women end up in low-wage sectors of the economy, as documented in country reviews on The Transition from School to Work.

Work on the reconciliation of work and family life (Babies and Bosses) and studies in the OECD Employment Outlook and the OECD Economic Outlook show that taxation, provision of childcare and parental leave, and the availability of part-time work can all have a big impact on the working patterns of parents, particularly mothers. Family-friendly policies can also affect Fertility Rates, which have collapsed in many OECD countries.

Children are not the only family members that need care: older relatives may need help too. This is another task which predominantly falls on women. OECD work is looking at Disability Trends among older people and at different models for delivering Long-Term Care Services either at home or in institutions. For

younger age groups, most new claims for disability benefits are by women rather than by men – see new reviews on *Sickness*, *Disability and Work*. Some people argue that this is because of an increase in stress. This in turn is said to be due to the rise in female employment which, when combined with continuing care responsibilities, means many women now find themselves doing two jobs.

One of the ways in which countries have coped with the increase in demand for carers has been through immigration. Caring is the main area of employment for female migrants (see reviews of the Social Integration of Migrants). The fact that women provide more than half of all new immigration into OECD countries (see the International Migration Outlook) has too often been ignored by policymakers.

The OECD has long pioneered analysis of women's entrepreneurship, through elimination of barriers to enterprise creation and growth. The Istanbul Declaration by OECD Ministers has recognised the importance of women's entrepreneurship, and recommendations have been developed to foster women's entrepreneurship. Local Reviews on Women's Entrepreneurship have been undertaken in order to explore the role of women's entrepreneurship in local development.

Gender issues have also been prominent in some unexpected areas. For example, the OECD Guidelines for Multinational Enterprises have been used to promote gender equality in the operations of multinationals in non-OECD countries. Gender and Trade argues that women sometimes face particular barriers in taking advantage of trade liberalisation. Information on Equal Opportunity Policies is collected as part of OECD's work on

Public Governance. New work is beginning which will look at how specified target groups, including women, could be more involved in *Policymaking*. OECD work suggests that having a gender dimension in *Environmental Policy* might be justified – women and men behave differently the way they use transport, recycle or purchase organic food.

A guidance document for regulators and industry on how best to assess whether *Hazardous Chemicals* can harm a woman's ability to become pregnant and have healthy babies is under discussion. The OECD has developed a new hazard category within the *Globally Harmonised System for Classification of Chemicals* covering risks during pregnancy and breastfeeding.

The OECD Health Care Quality Indicators project has collected data on breast and cervical cancer screening and survival rates, with further work underway on colorectal cancer rates, and heart attack and stroke mortality rates.

Where Immigrant Success
A Commercial Region (September 1997) (September 19



Some aspects of the pension system favour women over men – lower retirement ages (though these are often being phased out – see Living Longer, Working Longer) and longer life expectancy combined with gender-neutral actuarial tables in calculating pension payouts, for example (see Pensions at a Glance). On the other hand, women have lower pensions than men and are more likely to be in poverty in old age than men. This reflects reduced earning (and therefore pension contributions) through their lifetime, partly because of child-rearing. Furthermore, work on Financial Education suggests that women have less understanding and confidence in making financial decisions, have less to save, and invest more conservatively than do men.

Further information is available on those projects in italics above. Simply go to the Gender Topic on the OECD website (<a href="www.oecd.org/gender">www.oecd.org/gender</a>) and click on whichever link interests you. Alternatively, contact <a href="mark.pearson@oecd.org">mark.pearson@oecd.org</a> for further information.





## **OECD** work on gender equality in developing countries

### Did you know?

On average, women in developing countries get married  $6\frac{1}{2}$  years earlier than in OECD countries.

There are still 800 million people in the world lacking basic literacy skills. Women account for two-thirds of the total.

Young women in sub-Sahara Africa aged 15-24 are between two and six times as likely to be HIV-positive than men of a similar age.

About one-half of aid to basic education and basic health targeted gender-specific concerns.

Progress towards gender equality and women's empowerment is vital for improving economic, social and political conditions in developing countries. The OECD helps show how governments can take gender equality into account in development policies and practices. OECD countries are encouraged to give aid in a way that supports gender equity.

### The Gender, Institutions and Development database

In large parts of the developing world, traditions and sociocultural norms still trap countries in poverty as they bar women from economic activities: more discrimination – less economic growth – more poverty.

To help governments choose effective policies, the OECD has created the *Gender, Institutions and Development Database* (GID). It includes comparative data for 161 countries on the socio-economic status of women. Its innovation is the inclusion of institutional variables that range from intra-household behaviour to social norms. Information on cultural and traditional practices is coded to measure the level of discrimination, making the GID a unique tool for a wide range of analytical queries and allowing a case-by-case adaptation to specific research or policy questions.

By identifying cultural and traditional practices that discriminate against women, from forced marriages and female genital mutilation to restrictions on inheritance and ownership rights, the GID helps design effective policies. More funding will be effective only if the underlying causes of discrimination are addressed. The Gender, Institutions and Development database can be accessed free of charge at www.oecd.org/dev/institutions/GIDdatabase.

### Gender equality and aid

The Network on Gender Equality (GENDERNET) (www.oecd.org/dac/gender) is a forum where gender experts from development co-operation agencies meet to stimulate fresh thinking and new approaches to investing in gender equality and women's empowerment.

The OECD asks countries to provide information on aid in support of gender equality. In the OECD's Creditor Reporting System database (www.oecd.org/dac/stats/crs/gender), donor countries are asked to indicate for each individual aid activity whether or not it targets gender equality as one of its policy objectives. A study conducted in 2005 showed that two-thirds of aid in support of gender equality was in the social sectors, especially basic education and basic health. About one-half of aid to basic education and basic health targeted gender-specific concerns, while little was reported as targeting gender equality in the sectors of transport, communications and energy infrastructure.



# Men and women in the populations of OECD countries

### Did you know?

Up to their early teens, boys slightly outnumber girls in all the OECD countries. In the 25-54 age group – "prime working life" – the numbers of men and women are about equal in all countries. But in the older age groups women often outnumber men by more than two to one.

In 2005 women slightly outnumbered men in all OECD countries except Iceland, where the numbers were equal, and Korea and Turkey where there were slightly more men than women. In the OECD area as a whole there are 104 women for every 100 men.

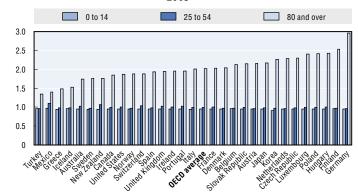
### OECD populations in 2005 and ratios of women to men

	Population ('000)	W/M ratio		Population ('000)	W/M ratio		Population ('000)	W/M ratio
Iceland	295	1.00	Sweden	9 041	1.02	Spain	43 064	1.04
Luxembourg	465	1.03	Hungary	10 098	1.05	Korea	47 817	0.99
New Zealand	4 028	1.03	Czech Rep.	10 220	1.10	Italy	58 093	1.06
Ireland	4 148	1.01	Belgium	10 419	1.04	United Kingdom	59 668	1.05
Norway	4 620	1.01	Portugal	10 495	1.07	France	60 496	1.05
Finland	5 249	1.04	Greece	11 120	1.02	Turkey	73 193	0.98
Slovak Rep.	5 401	1.02	Netherlands	16 299	1.01	Germany	82 689	1.05
Denmark	5 431	1.06	Australia	20 155	1.03	Mexico	107 029	1.05
Switzerland	7 252	1.06	Canada	32 268	1.02	Japan	128 085	1.05
Austria	8 189	1.05	Poland	38 530	1.06	United States	298 213	1.03

In all OECD countries a few more boys are born than girls, so that boys predominate in the 0-14 age group. However, men smoke and drink alcohol more than women, have higher suicide rates, and indeed have higher mortality rates from many other causes. As a result, women are much more numerous than men in the 80+ age group.

High male death rates in the Second World War explain the women/men ratios in excess of 2.0 in the chart below. The male death toll was particularly high in Germany, Finland, Japan and the countries of central Europe.

# Ratios of women to men at different ages 2005



Source: United Nations population projections, 2004 revisions.

### Further reading:

OECD (2006), Labour Force Statistics – 2006 Edition, OECD, Paris.

# **Total fertility rates**

### Did you know?

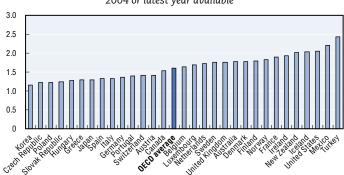
The total fertility rate is the number of children that are expected to be born to women of child-bearing age. A rate of about 2.1 will produce a stable population. Less than this, the population will decline unless the shortfall is made up by immigration.

Only two OECD countries have fertility rates above this level: Mexico and Turkey. The average fertility rate in OECD countries is now just 1.6.

In all OECD countries, fertility rates have declined for young women and increased at older ages, because women (and men) are postponing the age at which they start their families.

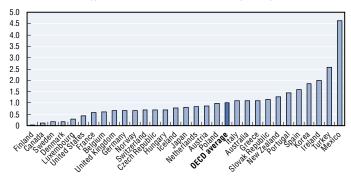
Many reasons have been given for the dramatic change in fertility rates. The most convincing is that young women, now better educated than those of earlier generations, wish to have a career as well as a family. The countries with the lowest fertility rates tend to be those with the highest female employment rates.

### Total fertility rates: number of children expected to be born to women aged 15 to 49 2004 or latest year available



The chart below shows the long-term decline in total fertility rates. The countries which had the highest fertility rates in 1970 have, unsurprisingly, recorded the largest subsequent declines. Finland, Denmark and Sweden are among those countries which recorded the smallest declines: these are countries which have traditionally had family-friendly employment policies including generous maternity/paternity leave and widely available child-care facilities. Even here, their current rates are below the replacement threshold.

# **Decline in total fertility rates since 1970**Absolute difference between 1970 and 2004 fertility rates



Source: Council of Europe (2006), Recent Demographic Developments in Europe, 2004: Eurostat and national statistical offices.

### Further reading:

OECD (2005), Society at a Glance: OECD Social Indicators, OECD, Paris. OECD (2002-2004), Babies and Bosses – Reconciling Work and Family Life, series, OECD, Paris.

# **Immigration**

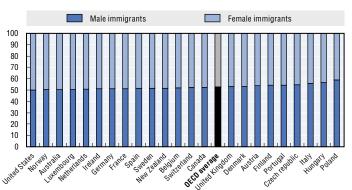
### Did you know?

There are more female immigrants than male in 20 of the 23 countries for which data are available – the three exceptions being the United States, Norway and Australia where the numbers are about equal. In other countries women, on average, emigrate about as often as men in these countries.

Immigrants are usually defined as those born in a different country from where they are now living – they are "foreign-born" as opposed to "native-born".

In the past, in most OECD countries, the majority of immigrants came from other OECD countries, especially from OECD Europe. This is no longer the case. Asia is now the main source continent of immigrants.

# **Ratios of male to female immigrants** 2004 or nearest year available, percentages

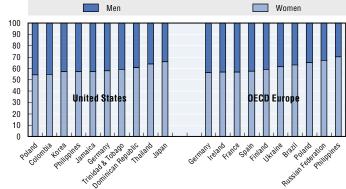


The chart below shows the gender breakdown of immigrants living in European OECD countries and in the United States according to their countries of birth, where the countries considered are limited to those with at least 100 000 immigrants. Percentages of women immigrants are especially high in Europe for immigrants from the Philippines, the Russian Federation and Poland, whereas in the United States, women are more numerous among immigrants from Japan, Thailand and the Dominican Republic.

Note that this chart shows only countries of birth from which substantially more women than men emigrate. More men than women emigrate from some of the other sources of migration such as Central America, Ecuador and India in the case of the United States, and Tunisia, Pakistan, Albania and Morocco in the case of Europe.

### Gender breakdown of immigrants in OECD Europe and the United States by country of birth

Selected countries of birth: 2004 or latest year available, percentages



Source: OECD (2006), International Migration Outlook, OECD, Paris.

### Further reading:

OECD (2006), International Migration Outlook - 2006 Edition, OECD, Paris.



# Students with disabilities, learning difficulties and disadvantages

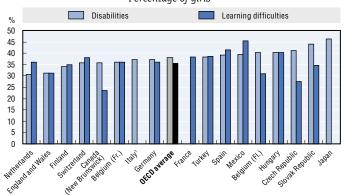
### Did you know?

Most OECD countries provide additional resources to help students with disabilities and learning difficulties and those from disadvantaged families.

It appears that 50% more boys than girls receive help of this kind because of learning disabilities, and over twice as many boys as girls receive help because of learning difficulties – although statistics are available for only about half of all OECD countries.

In all the countries for which data are available, substantially less than half of the students receiving help for disabilities or learning difficulties are girls. For some countries or regions, the boy/girl disparities are particularly marked for students with learning difficulties (behavioural or emotional disorders and specific difficulties in learning) compared with students with disabilities (organic disorders).

# Gender distribution of students in compulsory education receiving additional resources for disabilities and learning difficulties Percentage of girls

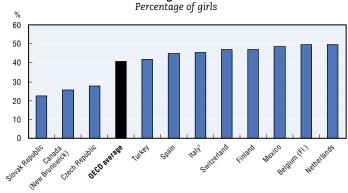


1. Data refer to primary and lower secondary education.

Factors associated with the risk of being disadvantaged include being born into immigrant families with poor knowledge of the host-country language and culture, or into families where the parents are themselves poorly educated. In Belgium (Flanders) and the Netherlands the percentages of disadvantaged boys and girls receiving additional resources in compulsory education are equal; in a number of other countries (or regions) where data are available they are only about 45/55 in favour of boys. The gender gap in favour of disadvantaged boys is most marked in the Slovak Republic, the Canadian province of New Brunswick and the Czech Republic.

Why do boys get more special help than girls? Is it a genuine need or do school administrators give more priority to the successful education of boys?

# Gender distribution of disadvantaged students in compulsory education receiving additional resources



1. Data refer to primary and lower secondary education.  $\,$ 

Source: OECD (2005), "Students with Disabilities, Learning Difficulties and Disadvantages. Statistics and Indicators", OECD, Paris.



# **Student performance**

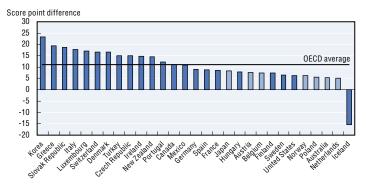
### Did you know?

OECD's Programme for International Student Assessment (PISA) assesses student knowledge and skills in mathematics, reading, and science at age 15.

In general, girls outperform boys in reading by a wide margin while boys outperform girls, by lesser margins, in mathematics and, even less in science.

The chart below shows the gender gaps for scores in mathematics, with in dark colour the significant differences between boys and girls.

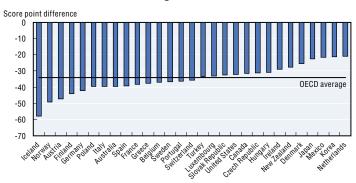
### Gender differences (boys-girls) in student performance in mathematics in PISA 2003



Source: OECD (2004), Learning for Tomorrow's World – First results from PISA 2003, Table 2.5c, OECD, Paris.

In mathematics the boys score higher than the girls in the majority of the countries except in Australia, Austria, Belgium, Japan, the Netherlands, Norway and Poland where the advantage for boys is not significant, and in Iceland where the girls outperform the boys.

# Gender differences (boys-girls) in student performance in reading in PISA 2003



Source: OECD (2004), Learning for Tomorrow's World - First results from PISA 2003, Table 6.3, OECD, Paris.

In the reading assessment, however, the girls come out well ahead of the boys in all countries and the gender gaps were exceptionally large in Iceland, Norway, Austria and Finland as shown in the chart above.

Science shows the smallest average gender differences among all contents assessed. Statistically significant differences in favour of men are found in Canada, Denmark, Greece, Korea, Luxembourg, Mexico, New Zealand, Poland, Portugal, the Slovak Republic and Switzerland. On the other hand, women in Finland and Iceland outperform men.

### Further reading:

OECD (2004), Learning for Tomorrow's World: First Results from PISA 2003, OECD, Paris.



### Did you know?

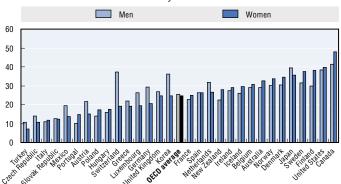
On average 33% of women aged 25 to 34 have tertiary education compared with 28% for men of the same age in OECD countries.

Even in the poorest parts of the world more than 60% of young girls usually attend primary school. In sub-Sahara Africa and in the Indian Sub-Continent only 3-4% of young women receive tertiary education.

Although tertiary education delays the start of paid employment, it substantially increases lifetime earnings and is a good investment both for the individual and for society.

In the OECD area, tertiary attainment rates for the population of working age range from below 12% in Turkey, the Czech Republic, Italy and the Slovak Republic to over 35% in Canada, the United States, Sweden and Japan. Female attainment rates exceed those for men in just over half of the countries with significantly higher rates in Canada, Finland, Sweden and New Zealand. By contrast, the number of men having attained a tertiary level of education is still substantially higher in Korea and Switzerland.

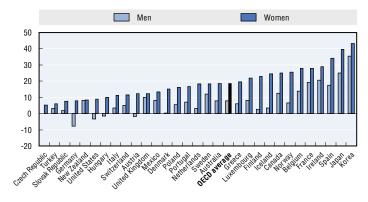
# Percentage of men and women aged 25-64 with tertiary education 2004 or latest year available



The next chart shows that in general young people of both sexes are more likely than their parents to acquire tertiary education. The only exceptions are Austria, Germany, Hungary and the United States, where tertiary attainment rates for young men are below those for older men. The most striking feature however is the large difference between the age groups for women. The increase in the number of women attaining a tertiary level of education has been particularly marked in Japan, Korea and Spain where cultural attitudes about the role of women in society have probably undergone more profound changes than in other OECD countries.

# Differences in tertiary attainment by people aged 25-34 and 55-64

Percentage of young people with tertiary education minus percentage of older people with tertiary education, 2004



 ${\it Source:} \, {\it OECD} \, {\it Education} \, {\it database} \, {\it and} \, {\it Gender}, Institutions \, {\it and} \, {\it Development} \, ({\it GID}) \, {\it database}.$ 

### Further reading:

OECD (2006), Education at a Glance: OECD Indicators, OECD, Paris.



# University graduates by field of study

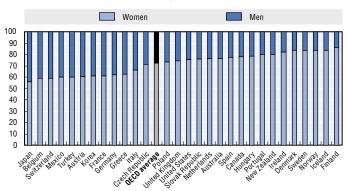
### Did you know?

For all OECD countries taken together, health and welfare subjects are the most popular for women with humanities, arts and education a close second. For male graduates, subjects related to engineering, manufacturing and construction come first – just ahead of mathematics and computer science.

About an equal number of men and women opt for life sciences, physical sciences and agriculture and for social sciences, business studies and law.

There are large gender differences in the subjects that young men and women study at university. Female preference for health and welfare subjects is most marked in Nordic countries – Finland, Iceland, Norway, Sweden and Denmark. In these countries less than 20% of graduates in these subjects are men. In Japan, Belgium and Switzerland, on the other hand, more than 40% of graduates in the "caring sciences" are men.

### Percentage of university graduates in health and welfare subjects 2004 or latest year available

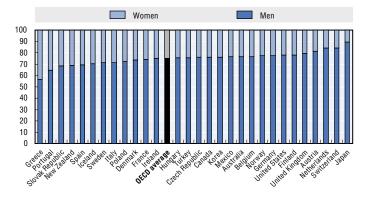


The gender gap is equally marked in subjects related to engineering, manufacturing and construction. Less than 20% of graduates in these topics are women in Japan, Switzerland, the Netherlands and Austria. The largest shares of women graduates in these subjects are in Greece and Portugal.

Such differences in subjects studied at university both reflect and influence different career choices, contributing to occupational segregation in the labour market.

# Percentage of university graduates in engineering, manufacturing and construction subjects

2004 or latest year available



Source: OECD Education database and OECD (2006), Education at a Glance: OECD Indicators, OECD. Paris.

### Further reading:

OECD (2006), Education at a Glance: OECD Indicators, OECD, Paris.

# **Inactive youths**

### Did you know?

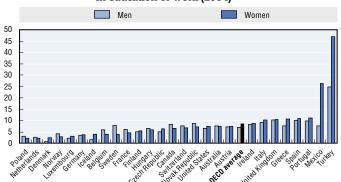
"Inactive youths" are those between 15 and 19 who have no jobs and are not at school.

In most countries the gender differences are small but there were substantially fewer young inactive women than men in Norway, Belgium and Sweden and many more inactive women than men in Mexico and Turkey.

Inactive youths constitute both a present and future problem. Present because they are more likely to be involved in various kinds of anti-social behaviour including property crime and drug abuse. Future, because lacking work experience or marketable skills they are likely to join the pool of the "socially excluded" for much of their lifetimes.

In most OECD countries less than 10% of those aged 15 to 19 are inactive and less than 5% in eight. Rates in excess of 10% were recorded in Turkey, Mexico, Portugal, Spain and the United Kingdom.

### Percentage of people aged 15-19 who were not in education or work (2004)

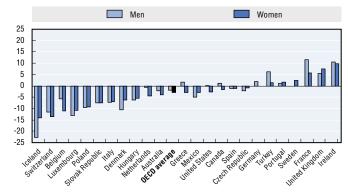


The good news is that youth inactivity rates have been falling in most countries since 1995 – the first year for which these data are available. (In the chart below negative "growth rates" mean a decline.)

For the OECD as a whole, female youth inactivity rates have been falling at just over 3.0% per year compared with 1.9% for men. In most countries where youth unemployment has been rising, the increases have been larger for young men than young women. In Sweden, on the other hand, the annual growth of the inactivity rate for women has been relatively high while the rate for men has been falling.

# Average annual growth in rates of youth inactivity

1995 or earliest year available to 2004



Source: OECD Education database.

### Further reading:

OECD (2006), Education at a Glance: OECD Indicators, OECD, Paris. OECD (2005), OECD Employment Outlook, OECD, Paris.

# Gender wage gaps

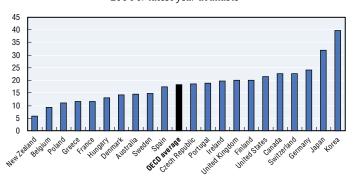
### Did you know?

In all OECD countries median wages for men are higher than those for women. The average difference is more than 15% and exceeds 20% in several countries.

Male median earnings are more than 20% higher than those of women in Korea, Japan, Germany, Switzerland, Canada and the United States. Note that these are median earnings in *full-time* jobs and so are not affected by a widespread preference for parttime work by women (though men tend to work longer hours than women). At the other end of the scale, the gender gap is less than 12% in New Zealand, Belgium, Poland, Greece and France.

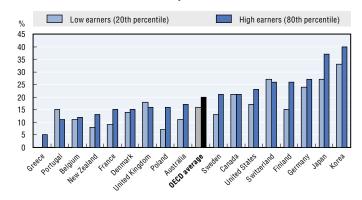
Almost all OECD countries legislate to ensure equal pay for equal work regardless of gender. But there are all sorts of reasons why this is insufficient to close the gender gap. Discrimination may continue, if legislation is not or cannot be applied. More generally, women may end up in lower-paid occupations than men, and may struggle to be promoted as often as men.

**Gender wage gaps**Gender gap in median earnings of full-time employees,
2004 or latest year available



The chart below shows the gender gaps in wages – men's minus women's – for low paid and for high paid workers. (Low and high paid are defined as those in the 20<sup>th</sup> and 80<sup>th</sup> percentiles of the wage distribution respectively.) In a majority of countries, the gender gap is larger for the high wage earners. This is evidence that the "glass ceiling" is no myth – women are less likely to get into higher paid and managerial occupations.

# Gender gap at the top and bottom of the earnings distribution 2003 or latest year available



Source: OECD Employment and Labour Market Statistics.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.
OECD (2002-2004), Babies and Bosses – Reconciling Work and Family Life, series, OECD, Paris.

# **Employment**

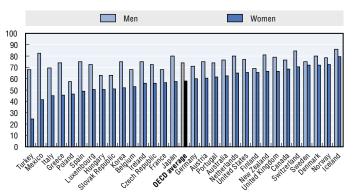
### Did you know?

The "employment rate" is the number of people of working age who are in employment divided by all those of working age.

Employment rates of women are below employment rates of men in all OECD countries. But nearly everywhere, the gap between male and female employment rates has been falling. There are only five countries where the gap between male and female employment rates have risen since the mid-1990s – Turkey, Hungary, the Czech Republic, Finland and Sweden.

A higher percentage of men than women are employed in each OECD country. Less than 50% of women are in paid employment in Turkey, Mexico, Italy, Greece, Spain and Poland, while more than 70% are employed in Iceland, Norway, Denmark, Sweden and Switzerland. The gender gap is most pronounced in Turkey and Mexico but is also high in Japan, Korea and Ireland.

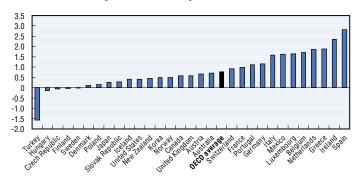
# Percentage of men and women of working age in employment 2004



However, differences in employment rates for men and women are falling in almost all countries. The chart below shows how much faster female employment rates have been growing compared to male employment rates over the last decade. The growth of female employment has been higher than that of men in all OECD countries except Turkey, Hungary, the Czech Republic, Finland and Sweden. Female employment rates have been growing much faster than those for men in Spain, Ireland, Greece and the Netherlands.

# Difference between women and men in annual average increases of employment rates

Average annual increase from 1991 to 2004



Source: OECD (2006), OECD Factbook: Economic, Environmental and Social Statistics, OECD, Paris; OECD (2006), OECD Employment Outlook, OECD, Paris.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.

OECD (2006), Economic Policy Reforms: Going for Growth - 2006 Edition, OECD, Paris.

OECD (2006), OECD Factbook 2006: Economic, Environmental and Social Statistics, OECD, Paris.



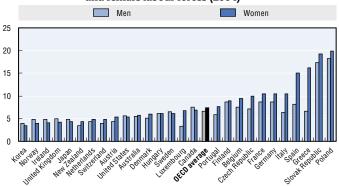
### Did you know?

For statisticians, the "labour force" is everybody who is either working or is "unemployed". The "unemployed" are people who are actively looking for work but who have not found more than one hour of paid work in the last week. The unemployment rate is the number of unemployed as a percentage of the labour force. The female unemployment rate is the number of unemployed women as a percentage of the female labour force.

Poland has the highest with nearly 20% of the female labour force out of work in 2004; the Slovak Republic was second with just over 19%.

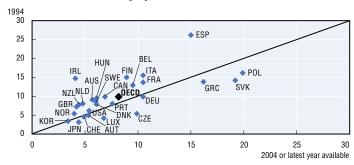
Compared to men, women have a higher risk of being unemployed in most OECD countries. Twenty-seven countries are shown in the chart and the female unemployment rate is higher than that for men in 20 of them. The gender gap in favour of men is particularly large in Greece, Spain, and Italy. On the other hand, women are somewhat less likely than men to be unemployed in Korea, Norway, Ireland, Japan and the United Kingdom.

# Unemployment as a percentage of the male and female labour forces (2004)



Have unemployment rates been falling or rising for women over the past decade? The chart below compares female unemployment rates in 1994 and 2004. Countries that fall on the diagonal line have exactly the same female unemployment rates in both years. If they are below the diagonal, the 2004 rate is higher than the 1994 rate. Fifteen of the 27 countries lie above the diagonal meaning that in most countries female unemployment rates have fallen over the decade.

### Female unemployment rates in 1994 and 2004



Source: Quarterly Labour Force Statistics and Annual Labour Force Statistics; OECD (2006), OECD Factbook: Economic, Environmental and Social Statistics, OECD, Paris.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.

OECD (2006), Economic Policy Reforms: Going for Growth - 2006 Edition, OECD, Paris.

OECD (2006), OECD Factbook 2006: Economic, Environmental and Social Statistics, OECD, Paris.

# **Self-employment**

### Did you know?

According to the standard ILO definition any person who works for more than one hour per week is counted as being employed. As a result, self-employment rates are very high in countries where there are many small farms because virtually all family members will do at least an hour's work on the farm.

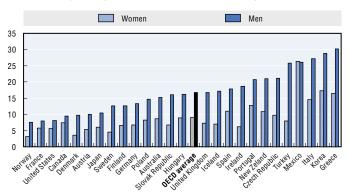
Ignoring self-employment in agriculture, Greece, Korea, Italy and Mexico have the highest rates of self-employment while Norway, France and the United States have the lowest.

The self-employment rate for men is more than twice that of women in most OECD countries.

Self-employment may be seen either as a survival strategy for those who cannot find any other means of earning an income or as evidence of entrepreneurship and a desire to be one's own boss.

### Percentage of self-employed as a percentage of employed men and women

Excluding self-employed in agriculture, 2004 or latest years available

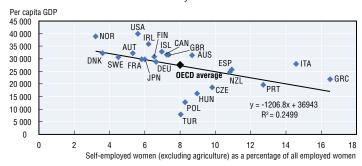


Excluding the agricultural sector, more men than women are self-employed in all OECD countries except Mexico. The gender gaps are particularly large in Turkey, Greece, Italy and Ireland and are smallest in Mexico, France and Canada.

In most OECD countries, self-employment rates have been falling since 1990: rates for women have declined somewhat faster than those for men.

Female self-employment outside of agriculture is negatively correlated with levels of economic development as measured by per capita GDP; the richer the country the lower the share of women in self-employment. The same result is also found for men.

# Female self-employment and per capita GDP 2004 or latest year available



Source: OECD (2005), Labour Force Statistics, OECD, Paris.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.
OECD (2001), Women Entrepreneurs in SMEs: Realising the Benefits of Globalisation and the Knowledge-based Economy, OECD, Paris.

# Working hours

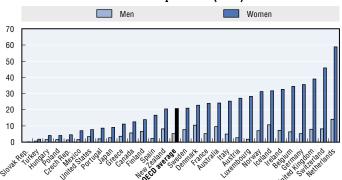
### Did you know?

More than one in four women work part-time and nearly three out of four part-time jobs are held by women. Part-time work by women increases when they live with a partner and increases still further if they have dependent children.

Men tend to work longer hours than women in paid employment, but women work more hours in *unpaid* activities – housework and caring for children and elderly parents. Most OECD countries carry out "time-use" surveys to measure this unpaid employment, but these are not done regularly or on a comparable basis.

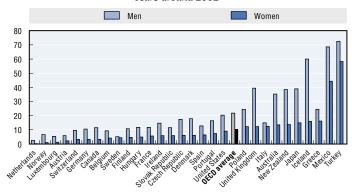
People who work for less than 30 hours per week in their main job are considered as part-time workers, although not all countries use this definition. Part-time work is particularly favoured by women in the Netherlands, Switzerland, the United Kingdom, Germany, Belgium and Ireland but is rare in central Europe, Turkey, Mexico and the United States. The only country in which part-time employment of men significantly exceeds 10% is the Netherlands.

### Percentage of employed persons who work less than 20 hours per week (2002)



In most OECD countries the standard working week is around 40 hours but many people work longer. Working paid or unpaid long workweeks is a "man's thing" in all OECD countries. In Iceland, Mexico and Turkey 60% or more of men report that they work more than 45 hours per week. High percentages of women also work more than 45 hours in Turkey and Mexico. On the other hand, workaholics of either gender are rare in Netherlands, Norway, Luxembourg, Austria and Sweden.

# Percentage of employees who work more than 45 hours per week Years around 2002



Source: OECD Employment and Labour Market Statistics.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.

OECD (2006), Economic Policy Reforms: Going for Growth - 2006 Edition,

OECD, Paris.

OECD (2006), OECD Factbook 2006: Economic, Environmental and Social Statistics, OECD, Paris.

# Occupations of men and women

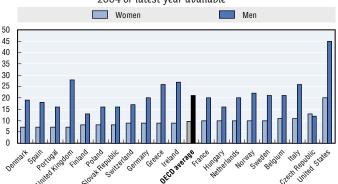
### Did you know?

Women tend to work in a much narrower range of occupations than men.

The International Labour Organisation lists 110 major occupation groups in their classification of occupations (ISCO). In OECD countries for which information is available, half of all women work in eleven or fewer of these occupations.

Comparable information on occupations is available only for the European members of the OECD and the United States. In these countries, at least half of all working women are in eleven of the 110 occupations while half of the men work in more than twenty of them. This suggests that women tend to enter a more restricted range of professions than men. But it could also be partly a statistical illusion. It is possible that a gender bias may have inadvertently appeared due to a more detailed breakdown of the occupations that are typically chosen by men. Gender gaps – whether real or statistical – are particularly marked in the United States, Italy, Ireland, Greece and the United Kingdom.

### Number of occupations that account for half of total employment 2004 or latest year available



The table below shows the top ten "gender-biased" occupations on average in Europe and the United States. In the first column, the numbers in brackets are the ratios of women to men in these occupations. For example, 14.5 times more women than men work as "pre-primary teaching associate professionals". In the second column the genders are reversed so that, for example, there are just over 80 men working as "miners, shot-firers, stone cutters and carvers" for each woman in this occupation.

### Concentration of employment in 20 OECD countries

Many more women than men work as:	Many more men than women work as:
Pre-primary education teaching associate professionals (14.5)	Miners, shot firers, stone cutters and carvers (80.2)
Nursing and midwifery professionals (10.1)	Building frame and related trades workers (64.8)
Secretaries and keyboard-operating clerks (9.8)	Ships' deck crews and related workers (52.9)
Nursing and midwifery associate professionals (9.5)	Building finishers and related trades workers (35.4)
Personal care and related workers (9.3)	Mining and construction labourers (35.3)
Primary education teaching associate professionals (6.2)	Agricultural and other mobile plant operators (30.5)
Shop, stall and market salespersons and demonstrators (5.8)	Mining and mineral-processing-plant operators (24.5)
Special education teaching professionals (5.6)	Metal moulders, welders, sheet-metal workers, structural-metal preparers, and related trades workers (23.1)
Domestic and related helpers, cleaners and launderers (5.4)	Machinery mechanics and fitters (21.7)
Primary and pre-primary education teaching (5.3)	Power-production and related plant operators (15.9)

Source: European Labour Force Survey and March Current Population Survey for the United States.

### Further reading:

OECD (2005), OECD Employment Outlook, OECD, Paris.

# **Immigrants and employment**

### Did you know?

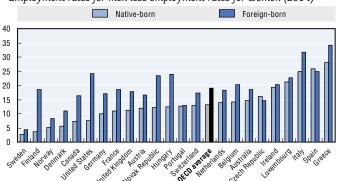
Statisticians define employment as work for pay or profit of at least one hour in the last week.

Like native-born women, immigrant women are less often employed than their male counterparts. But the difference between men and women is larger for immigrants. Immigrant women can be said to have a double "handicap" in the labour market: as immigrants, they have lower employment rates compared to non-immigrants and as women, lower employment rates compared to men.

In most OECD countries, finding a job is harder for immigrant women than for immigrant men and is harder for immigrant women than for native-born women.

The chart below shows the gender gaps for employment of foreign-born versus native born people. It shows, for example, that native-born Finnish women are almost as likely to be employed as native-born Finnish men, but foreign-born Finnish women are far less likely to work than foreign-born Finnish men.

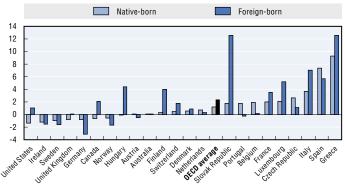
### Gender gap in employment of native-born and foreign-born adults Employment rates for men less employment rates for women (2004)



This is a common pattern – in all except two countries unemployment among the foreign-born is higher than that of native-born people. The two exceptions are Spain and the Czech Republic.

Although immigrant women are not employed as often as immigrant men, differences in unemployment rates between immigrant men and women are small. Indeed, when the bars in the chart below fall below the zero-line, immigrant women are less likely to be unemployed than immigrant men. Ireland, Sweden, Germany and Norway are countries where this is the case. Overall, if native-born women find it harder than native-born men to find work, then it is generally also the case for foreign-born women compared to foreign-born men.

# **Gender gap in unemployment rates, native-born and foreign-born** Unemployment rate for women minus unemployment rate for men in 2004



Source: OECD (2006), International Migration Outlook, OECD, Paris.

### Further reading:

OECD (2006), International Migration Outlook – 2006 Edition, OECD, Paris.



# Women in parliament

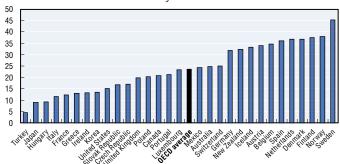
### Did you know?

Women are outnumbered by men in all the world's parliaments. Women hold close to half the parliamentary seats in Rwanda and Sweden and about a third in the Nordic countries, in Cuba, Costa Rica and Argentina.

There is no reliable relationship between how rich a country is, and how many women are in parliament.

In nine OECD countries at least one-third of parliamentary seats are held by women. The Nordic countries and the Netherlands stand out with more than 35% of parliamentary seats held by women. In most OECD countries though, women hold under a quarter and the shares are 15% or less in Japan, Italy, France and the United States.

### Percentage of parliamentary seats held by women 2005 or latest year available

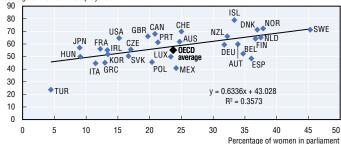


Do women participate more in political life in richer countries? Not necessarily. Percentages are low in rich countries like the United States, Ireland, France and Japan and are high in countries with lower per capita incomes such as New Zealand, Spain and Austria.

On the other hand, there does seem to be a link between the percentage of women in employment and the percentage of parliamentary seats held by women. The chart below plots the percentage of women in parliament against the percentage of the total female population of working age (15-64) in employment. Women's participation in political life appears to reflect, at least to some extent, their participation in economic life. Percentages of women in parliament are high in Nordic countries where women make up a large part of the labour market and low in Turkey, Greece, Italy and Hungary.

# Percentage of women in parliament and percentage of women in employment 2004

Percentage of women in employment



Source: Many countries have both a lower and upper house (bi-cameral parliaments) with different election rules for each one. For countries with bilateral parliaments the percentages shown here refer to the total of both houses. Inter-Parliamentary Union (IPU): <a href="https://www.ipu.org/wmn-e/classif.htm">www.ipu.org/wmn-e/classif.htm</a>.

### Further reading:

Jütting, J. P., C. Morrisson; J. Dayton-Johnson; D. Drechsler (2006), "Measuring Gender (In)equality: Introducing the Gender, Institutions and Development Data Base (GID)", OECD Development Centre Working Papers, No. 247, OECD, Paris.



# Managerial and professional posts

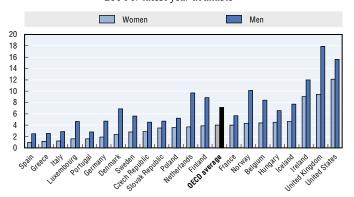
### Did you know?

In all OECD countries for which data are available, higher percentages of men work as managers or directors compared to women.

On the other hand, a greater percentage of women who work do so in occupations for which a professional qualification is required than men. However, because more men work than women, this does not mean that there are more professional women than men.

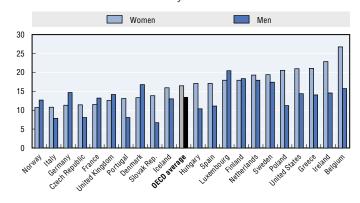
There are huge differences in the percentage of employees who are "managers" across countries, reflecting differences in how different workers see themselves in different countries. Nevertheless, there is a gender gap in managerial posts in all countries. The gender gap is particularly high in the United Kingdom, Norway, Finland, the Netherlands and Denmark. Gaps are much smaller in eastern Europe.

### Percentage of employees in managerial posts 2004 or latest year available



Professional posts are those for which a formal qualification is usually required. They include most occupations in the health care and education sectors and in services such as accountancy and the law. In about two-thirds of the countries shown in the chart below, the percentages of the female labour force in professional posts exceed the percentages for males, with the gender gap in favour of women particularly high in Belgium, Ireland, Greece and Poland. Part of the explanation is the preference among women to work in the health and education sectors.

### Percentage of employees in professional posts 2004 or latest year available



Source: European Labour Force Survey and March Current Population Survey for the United States.

### Further reading:

OECD (2002-2004), Babies and Bosses - Reconciling Work and Family Life, series, OECD, Paris.

### Life satisfaction

### Did you know?

The World Value Surveys ask respondents to rank their feelings of satisfaction with their lives on a scale from 1 to 10. The surveys now cover 80 countries and use standardised questionnaires. The latest wave of surveys took place between 1999 and 2002.

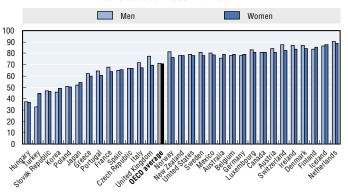
**Test your prejudices.** In two of these countries – United Kingdom, Turkey, Norway and Korea – women are significantly more satisfied with their lives than men. Which were they?

**Answer.** In Turkey and Korea, women report greater life satisfaction than men. Women report lower life satisfaction than men in the United Kingdom and Norway.

In over half of OECD countries, more than three-quarters of both men and women reported "above average" scores (7 to 10) for life satisfaction. However, the percentages were 50% or less in the four eastern European countries and in Korea and Japan.

# Percentage of people who feel an above average level of satisfaction with their lives

Years between 1999 and 2002

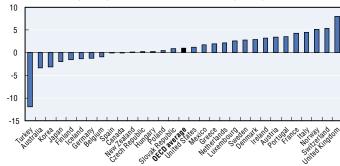


There is some correlation between life satisfaction and per capita income, though some people argue that the correlation becomes weaker when comparisons are limited to the richest countries. Over time, societies which get richer do not report greater life satisfaction.

In most countries more men than women reported feeling satisfied "above average" with their lives. The chart below shows the percentage of satisfied men minus the percentage of satisfied women. The "satisfaction gap" favours men in twenty countries. Do women tend to apply higher standards than men in assessing their life satisfaction? Or do cultural and economic factors conspire to create less satisfying lives for women in most OECD countries?

### The satisfaction gap

Percentage of satisfied men minus percentage of satisfied women



Source: OECD (2005), Society at a Glance, OECD, Paris; EFILWIC (2003), Quality of Life in Europe: an illustrative report, European Foundation for the Improvement of Living and Working Conditions, Dublin; World Value Surveys.

### Further reading:

OECD (2005), Society at a Glance: OECD Social Indicators, OECD, Paris.
OECD (2006), Economic Policy Reforms: Going for Growth – 2006 Edition, OECD, Paris.



### Did you know?

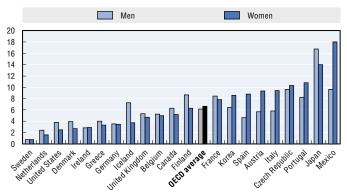
The World Value Surveys ask respondents about their contact with other people in their normal daily lives. In the latest wave of surveys (1999 to 2002) 56 countries supplied information on whether respondents "rarely" or "never" had contact with friends, work colleagues and other acquaintances in places of worship, and in sports and cultural associations.

In 12 out of the 21 OECD countries for which data are available, men reported greater social isolation than women.

Very low percentages for all respondents were reported by the African countries in the surveys. The highest percentages were reported in Russia, China and Chile.

Among the 21 OECD countries for which data are available, percentages of respondents (all adults regardless of gender) in the never or rarely categories exceeded 10% in Mexico (where women feel particularly isolated) and Japan (where it is a male problem).

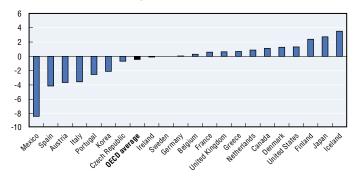
# Percentage of persons who rarely or never spend time with friends, colleagues or others in social groups



Total rates under 4% were reported in Sweden, the Netherlands, the United States, Denmark, Ireland, Greece, Germany and Ireland.

The chart below show the gender differences in social isolation: positive values above the line mean that more men than women answered "rarely" or "never" while negative values show more social isolation among women. The chart suggests that social isolation is more often a man than woman problem, although the gender gaps are not large except in Iceland, Japan and Finland (social isolation among men) and in Mexico, Spain and Austria (social isolation among women).

### Gender gap in social isolation



Source: OECD (2005), Society at a Glance, OECD, Paris; EFILWIC (2003), Quality of Life in Europe: an illustrative report, European Foundation for the Improvement of Living and Working Conditions, Dublin; World Value Surveys.

### Further reading:

OECD (2005), Society at a Glance: OECD Social Indicators, OECD, Paris.



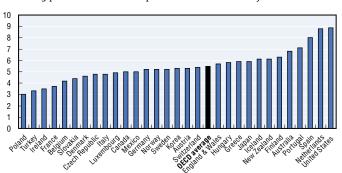
### Did you know?

The Prison Population Rate is the number of people (adults as well as those under 18) in prison per 100 000 population.

In every country far more men are in prison than women but there are large differences between countries. For instance, there are the same number of female prisoners per 100 000 population in the United States as female and male prisoners combined in Japan.

In all OECD countries except Portugal, Spain, the Netherlands and the United States less than 7% of prison populations are women. The commonest crimes for which women are convicted include prostitution, drug abuse and fraud. These offences are not punished by prison sentences in most countries although the high percentage of women in American prisons is partly explained by prison sentences for economic crimes such as cheque and credit card fraud.

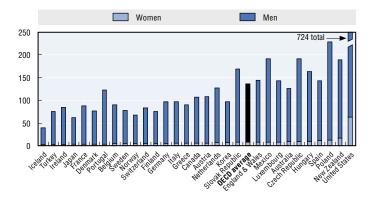
# **Female prisoners as a percentage of total prison population** *Including pre-trial and remand prisoners* 2004 *or latest year available*



Half of the OECD countries have less than 100 people in prison per 100 000 inhabitants. Thirteen have between 100 and 200. Two countries exceed this – Poland with 230 and the United States with more than 700. The US rate is the highest in the world followed by Russia with about 600 per 100 000 inhabitants. Except in the United States imprisonment rates for women are negligible.

### Prisoners per 100 000 inhabitants

Including pre-trial detainees and remand prisoners
2004 or latest year available



Source: International Centre for Prison Studies, King's College, London, website: www.prisonstudies.org and then select World Prison Brief.

### Further reading:

OECD (2006), OECD Factbook 2006: Economic, Environmental and Social Statistics, OECD, Paris.

OECD (2005), Society at a Glance: OECD Social Indicators, OECD, Paris.

# Life expectancy at birth

### Did you know?

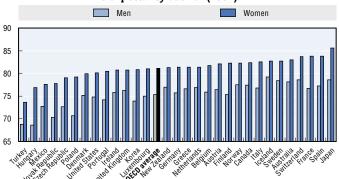
Japan, Iceland, Spain and Switzerland have the highest life expectancies in the World – just over 80 years. Botswana, Malawi, Zimbabwe and Zambia have the lowest – all under 40 years. The lowest regions are all Sub-Sahara Africa at 47 years and the Indian sub-continent at 64 years.

In virtually all countries life expectancies at birth are higher for women than for men. For the world as a whole female life expectancy is currently about 6% higher than for men.

For the OECD total, the life expectancy gender gap in favour of women is now just under six years; it is eight years or more in Hungary, the Slovak Republic and Poland and is lowest in the United Kingdom, Iceland and Sweden.

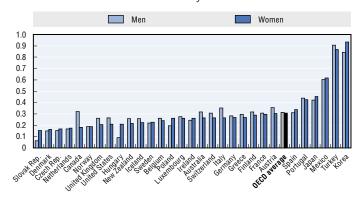
Why do women live longer than men? Differences in longevity can in part be explained by their different behavioural, lifestyle and working patterns. Women are also thought to have a possible genetic advantage which makes them more resistant to a range of conditions.

### Life expectancy at birth (2004)



Since 1960 life expectancies at birth have been rising in all countries. The chart below shows that the increase has been most marked in Korea, Turkey, Mexico, Japan and Portugal where life expectancies were low at the beginning of the period. In recent years men have been raising their life expectancies faster than women in most countries. This seems to be due to a reduction in "risk factor behaviour" by men – notably smoking and alcohol consumption – and an increase in these risk factors for women.

### Average annual percentage growth in life expectancy 1960-2004 or nearest years available



Source: OECD (2005), Health at a Glance – OECD Indicators 2005, OECD, Paris; OECD (2006), OECD Health Data 2006, OECD, Paris; OECD Development Centre, Gender, Institutions, and Development database (GID), www.oecd.org/dev/institutions/GIDdatabase; Measures of Australia's progress 2004, Australian Bureau of Statistics, 2004, p. 32.

### Further reading:

OECD (2004), The OECD Health Project: Towards High-Performing Health Systems, OECD, Paris.

### Causes of death

### Did you know?

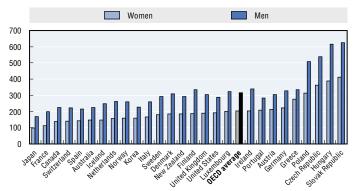
For the population as a whole, the four main causes of death are circulatory diseases such as strokes and heart attacks, cancers, respiratory diseases such as bronchitis and emphysema, and external causes such as suicide, homicide and traffic accidents.

At any given age, men are more likely to die from one of these conditions than are women. However, eventually these same sources of mortality are the reason why most women die as well – they are just more likely to strike women at an older age.

Men are more prone to die from circulatory diseases than women in all OECD countries, once adjustments are made to reflect the differences in age structures. Mortality rates from circulatory diseases are particularly high in the Slovak Republic, Hungary, the Czech Republic and Poland and are lowest in Japan and France. Clearly, diet explains at least part of these differences.

### Deaths from circulatory diseases

Number of deaths, standardised for differences in age structures, per 100 000 population (2003 or latest year available)

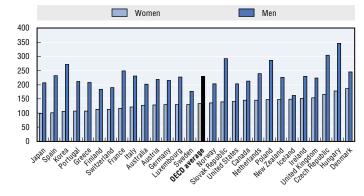


Cancer is the second leading cause of death in most OECD countries, accounting for between 25% and 30% of deaths among men and women. In all countries, mortality rates from cancer are higher among men than among women. The gender gap is particularly large in Spain, France, Korea and the Slovak Republic. Lung cancer still accounts for the greatest number of cancer deaths among men in all OECD countries (except Sweden and Iceland), while it is one of the main causes of cancer mortality among women. As the gap in tobacco consumption between men and women declines, so will differences in rates of lung cancer.

Some cancers of course affect one sex more than the other – breast cancer and prostate cancer. These diseases are very widespread. Fortunately, advances in screening and treatment mean many women and men now survive these cancers.

### Deaths from cancer

Numbers of deaths, standardised for differences in age structures, per 100 000 population (2003 or latest year available)



Source: OECD (2005), Health at a Glance – OECD Indicators 2005, OECD, Paris; OECD (2006), OECD Health Data 2006, OECD, Paris.

# **Tobacco consumption**

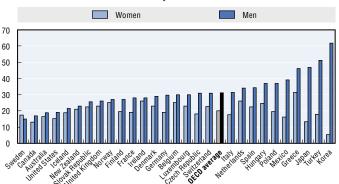
### Did you know?

The World Health Organisation estimates that over 15 billion cigarettes are smoked each day. One in three of these is smoked in China. The United States is the next biggest cigarette market followed by Japan, Russia and Indonesia.

Globally, far more men than women smoke although the gender gap is falling and cigarette advertising is increasingly aimed at women in Asia and other developing countries. In OECD countries, however, the most important change has been a decline in smoking by men. Women do also smoke less than previously, but the rate of decline has been much slower.

More men than women smoke in all OECD countries except Sweden. In 2004 (or the latest year available), the gender gap in smoking rates was particularly large in Korea, Turkey and Japan and, to a lesser extent, in Greece, Mexico and Poland.

# Percentage of men and women reporting that they smoke daily 2004 or latest year available

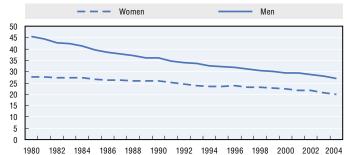


The proportion of daily smokers among adult women and men varies greatly across OECD countries. Sweden, Canada, Australia and the United States have the lowest overall percentage of daily smokers, with less than 18% of adults reporting smoking each day in 2004. Greece reported the highest rate of 39%.

Between 1980 and 2004, the percentage of smokers in the male populations of all OECD countries has declined. The same is true for women in most countries although in at least two – Finland and France – a greater proportion of women now smoke than in 1980.

For the 16 OECD countries for which unbroken time series are available from 1980, the decline in smoking by men has been more marked than for women so that the gender gap is narrowing. In 1980 the gap was 18% but had narrowed to 7% by 2004.

# Long-term fall in tobacco consumption in 16 OECD countries Percentage of men and women 15 years or older who report that they smoke daily 1980-2004



Source: OECD (2005), Health at a Glance – OECD Indicators 2005, OECD, Paris; OECD (2006), OECD Health Data 2006, OECD, Paris.

World Health Organisation (2006), www.who.int/tobacco/en/atlas8.pdf

### Further reading:

OECD (2005), Health at a Glance: OECD Indicators 2005, OECD, Paris.

# Overweight and obese

### Did you know?

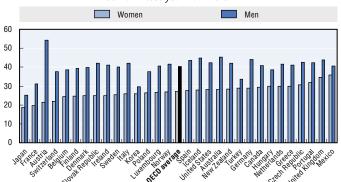
The standard test of being overweight is the Body Mass Index or BMI. It is calculated by dividing a person's weight in kilograms by the square of their height in metres (kg/m²). According to the World Health Organisation guidelines, a BMI of 25 to 30 is considered "overweight" and more than 30 is considered "obese".

More men than women are overweight but obesity is pretty evenly distributed in all OECD countries. For most countries in the charts below, the statistics were obtained by "self assessment" surveys, but in Canada, New Zealand, Australia, the United Kingdom and the United States, actual measurements were made. The percentages for these five countries are among the highest in the OECD region. This is no coincidence.

More men than women are overweight in all OECD countries. In Austria, more than twice as many men are overweight as women, but there are also large gender gaps in Australia, Iceland, Italy and the Slovak Republic.

### Percentage of adults considered overweight

(Body Mass Index between 25 and 30kg/m²) 2004 or latest year available

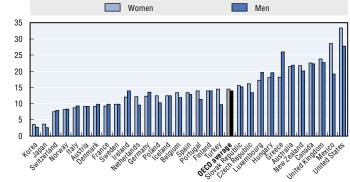


Obese men are substantially more numerous than obese women in Greece whereas the reverse is true in the United States and Mexico. In other countries the gender gaps are small. The low percentages for both men and women in Korea and Japan are most likely associated with their traditional diets which are low in carbohydrates.

In most countries, data on weight and height are self-reported. Evidence suggests that both men and women underestimate their weight and/or overestimate their height, so leading to an underestimate of the true prevalence of overweight and obesity problems. For example, evidence from Canada is that 13.3% of women and 15.4% of men were obese in 2003 based on self-reported data, whereas when actual measures were used in 2004, 22.5% of women were obese as were 22.3% of men.

### Percentage of adults considered obese

(Body Mass Index exceeds 30kg/m²) 2004 or latest year available



Source: OECD (2005), Health at a Glance – OECD Indicators 2005, OECD, Paris; OECD (2006), OECD Health Data 2006, OECD, Paris.

### Further reading:

OECD (2005), Health at a Glance: OECD Indicators 2005, OECD, Paris.

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