

### **III. SOCIO-ECONOMIC INDICATORS**

## GDP AND POPULATION







*Economic activity is a key determinant of sustainable development and its economic, social and environmental dimensions. Economic growth and production patterns have major effects on environmental issues and on environmental performance. They imply use of energy and other natural resource assets, as well as pollutant discharges and waste production. The sustainability of development depends on the evolution of the stock and quality of natural resources or "natural capital" and on pollution constraints. Economic growth also provides opportunities to finance public expenditure for environmental protection and to replace man-made capital, thus introducing cleaner, less resource-intensive technologies and environmentally friendly goods.*

*Population influences production and consumption patterns, and hence the sustainability of development. It is an important determinant of environmental conditions and trends. Population density implies density of human activity. Overall population growth puts pressure on natural resources and adds to the challenge of providing sanitation and other environmental infrastructure. Population also affects the environment in the ways that its structural elements (age classes, active population, size of households, etc.) influence consumption patterns and waste production.*

*Indicators presented here relate to:*

- ♦ *gross domestic product (GDP), in total and per capita, as well as the change in GDP compared to the change in population over the same period.*
- ♦ *population growth and density, presenting changes in national resident population, as well as population densities and an "ageing index" (the ratios between the population over 64 and under 15).*

**GDP AND POPULATION: REFERENCES**

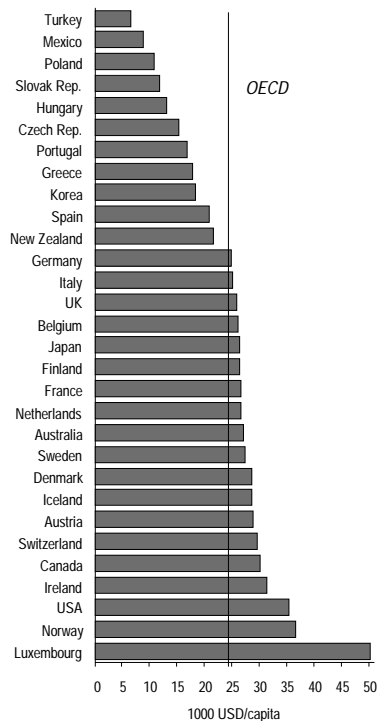
-  OECD (biannual publication), OECD Economic Outlook
-  OECD (annual publication), National Accounts of OECD Countries
-  OECD (annual publication), Labour Force Statistics
-  OECD (monthly publication), Main Economic Indicators
-  OECD (2001), OECD Environmental Outlook, Chapter 4, Economic Development
-  OECD (2004), OECD Environmental Data — Compendium 2004

## GROSS DOMESTIC PRODUCT 19

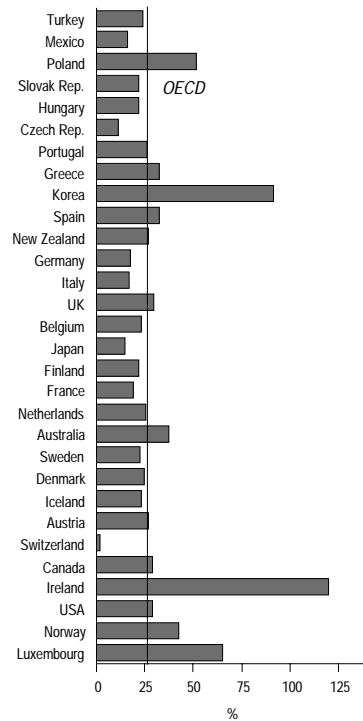
GDP per capita, change since 1990 (%)

Turkey	19.2
Mexico	13.2
Poland	51.6
Slovak Rep.	21.6
Hungary	22.5
Czech Rep.	11.9
Portugal	25.2
Greece	30.1
Korea	81.9
Spain	30.3
New Zealand	23.1
Germany	17.3
Italy	17.2
UK	28.7
Belgium	22.5
Japan	14.7
Finland	21.4
France	18.8
Netherlands	24.1
Australia	32.5
Sweden	22.2
Denmark	23.8
Iceland	20.7
Austria	26.4
Switzerland	2.5
Canada	25.4
Ireland	106.5
USA	25.4
Norway	40.1
Luxembourg	55.6

GDP per capita, state, 2003



% change GDP-% change population



	Gross Domestic Product				Structure of GDP, value added as % of GDP		
	Total Billion USD 2000 2003	per capita 1 000 USD/cap. 2003	change (%) since 1990	% change GDP- % change population 2003-1990	Agriculture % early 2000s	Industry % early 2000s	Services % early 2000s
Canada	953.7	30.2	25.4	29.1	2.5	31.8	65.7
Mexico	905.9	8.8	13.2	16.7	4.1	27.1	68.7
USA	10381.4	35.7	25.4	29.5	1.6	22.8	75.6
Japan	3375.2	26.4	14.7	15.2	1.4	31.0	67.7
Korea	890.1	18.6	81.9	91.6	4.1	42.5	53.3
Australia	541.5	27.2	32.5	37.9	3.8	25.6	70.6
New Zealand	86.8	21.6	23.1	27.5	7.0	25.3	67.8
Austria	233.3	28.9	26.4	27.6	2.4	32.0	65.6
Belgium	273.5	26.4	22.5	23.4	1.3	27.0	71.7
Czech Rep.	158.8	15.6	11.9	11.7	3.8	39.6	56.7
Denmark	154.9	28.7	23.8	25.0	2.6	26.5	70.9
Finland	138.4	26.6	21.4	22.3	3.6	31.9	64.5
France	1591.9	26.6	18.8	19.8	2.7	24.9	72.4
Germany	2059.0	25.0	17.3	18.0	1.2	29.7	69.2
Greece	198.2	18.0	30.1	32.9	7.3	23.1	69.6
Hungary	134.1	13.2	22.5	21.9	3.8	31.5	64.7
Iceland	8.3	28.8	20.7	23.6	9.1	27.4	63.5
Ireland	124.4	31.5	106.5	120.2	3.4	42.1	54.5
Italy	1461.2	25.2	17.2	17.6	2.7	28.5	68.7
Luxembourg	22.8	50.4	55.6	65.3	0.7	20.1	79.2
Netherlands	434.4	26.8	24.1	26.2	2.6	25.8	71.6
Norway	168.4	36.9	40.1	43.1	1.9	38.3	59.9
Poland	417.4	10.9	51.6	51.7	3.2	30.5	66.4
Portugal	176.8	16.9	25.2	26.7	3.7	29.3	67.1
Slovak Rep.	64.8	12.0	21.6	21.9	4.6	32.4	63.0
Spain	875.0	20.9	30.3	32.7	3.4	29.7	67.0
Sweden	247.5	27.6	22.2	23.3	1.8	28.2	70.0
Switzerland	218.5	29.8	2.5	2.7	1.2	26.7	72.1
Turkey	479.6	6.8	19.2	24.2	12.4	30.7	56.9
UK	1579.7	26.1	28.7	30.1	1.0	26.5	72.5
OECD	28355.5	24.6	23.2	25.7	2.6	28.8	68.6

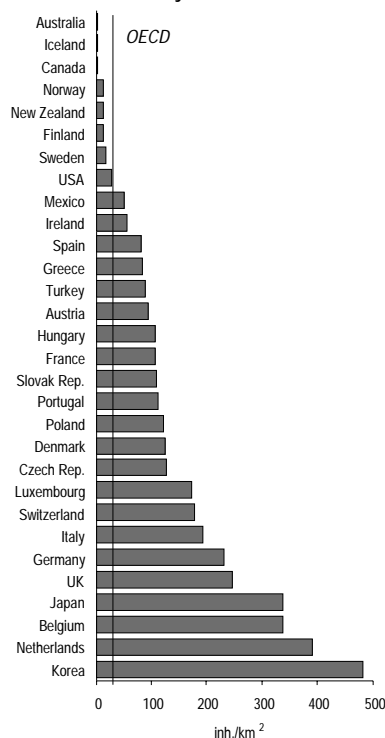
♦ See Technical Annex for data sources, notes and comments.

**20 POPULATION GROWTH AND DENSITY**

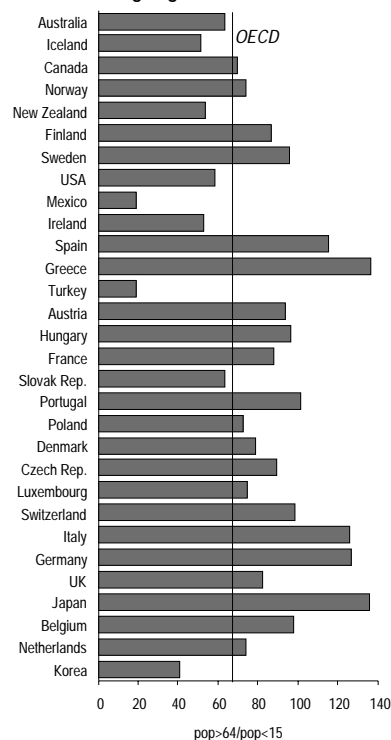
Change since 1990 (%)

Australia	16.5
Iceland	13.5
Canada	14.2
Norway	7.6
New Zealand	19.2
Finland	4.6
Sweden	4.7
USA	16.4
Mexico	26.4
Ireland	12.8
Spain	7.8
Greece	9.4
Turkey	25.9
Austria	4.5
Hungary	-2.4
France	5.4
Slovak Rep.	1.5
Portugal	5.8
Poland	0.2
Denmark	4.8
Czech Rep.	-1.5
Luxembourg	17.5
Switzerland	9.4
Italy	2.4
Germany	4.0
UK	5.1
Japan	3.4
Belgium	4.1
Netherlands	8.5
Korea	11.8

Density, 2003



Ageing index, 2003



	Population			Ageing index		Unemployment rate
	Total	Change (%)	Density	pop > 64 / pop < 15		% of total labour force
	1 000 inh. 2003	since 1990	inh./km² 2003	2003	1990	2003
Canada	31630	14.2	3.2	70.2	54.4	7.6
Mexico	102708	26.4	52.5	18.8	10.8	3.3
USA	291049	16.4	30.2	59.1	57.7	6.0
Japan	127619	3.4	337.8	135.8	66.2	5.3
Korea	47925	11.8	482.8	40.8	20.0	3.4
Australia	19881	16.5	2.6	64.0	50.4	5.9
New Zealand	4009	19.2	14.8	54.0	47.9	4.7
Austria	8067	4.5	96.2	93.7	86.9	5.7
Belgium	10372	4.1	339.8	98.1	82.3	8.1
Czech Rep.	10202	-1.5	129.4	90.4	58.3	7.8
Denmark	5387	4.8	125.0	79.1	91.3	5.6
Finland	5213	4.6	15.4	87.2	69.3	9.1
France	59768	5.4	108.8	88.0	70.4	9.7
Germany	82520	4.0	231.1	126.6	103.9	8.7
Greece	11036	9.4	83.6	136.6	74.1	9.5
Hungary	10124	-2.4	108.8	97.0	66.0	5.9
Iceland	289	13.5	2.8	51.5	42.6	3.3
Ireland	3953	12.8	56.2	53.0	41.7	4.7
Italy	58095	2.4	192.8	126.2	88.9	8.8
Luxembourg	452	17.5	174.6	74.6	77.0	3.8
Netherlands	16224	8.5	390.7	74.2	70.4	3.5
Norway	4564	7.6	14.1	74.1	86.2	4.5
Poland	38204	0.2	122.2	73.4	40.0	19.6
Portugal	10449	5.8	113.6	102.0	68.1	6.4
Slovak Rep.	5380	1.5	109.7	64.2	40.8	17.4
Spain	41874	7.8	82.8	116.3	68.5	11.3
Sweden	8958	4.7	19.9	95.8	99.2	4.9
Switzerland	7343	9.4	177.9	98.9	90.9	4.0
Turkey	70712	25.9	90.7	19.0	13.0	10.5
UK	60483	5.1	247.0	83.3	82.7	5.0
OECD	1154490	10.8	32.9	68.5	52.3	7.1

♦ See Technical Annex for data sources, notes and comments.