

Czech Republic

Environment at a Glance 2008



General Facts

	2003	2004	2005	2006
Population (millions)	10,202	10,207	10,234	10,270
GDP (US\$ millions)	91,358	109,525	124,710	143,018
GNI per capita (US\$, Atlas)	7,340	9,280	11,300	12,790
Gross Saving (% of GNI)	21.6	23.3	24.7	25.4
Net Nat. Saving (% of GNI)	1.6	9.9	11.3	11.7
Adjust. Net Sav. (% of GNI)	4.8	12.8	14.2	14.7

Additional information

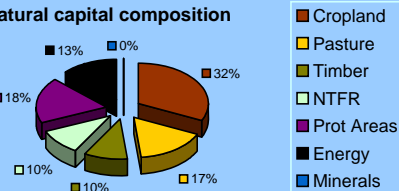
Czech Republic is a High income - OECD country. As highlighted in this factsheet, natural resources play a minor role in the country's total wealth composition. Main environmental issues include: low energy efficiency, among others.

Where is the Wealth of Czech Republic?

US\$ per capita (2005)

Total Wealth	96,979
Produced Capital	25,493
Natural Capital	2,823
Intangible Capital	68,663

Natural capital composition



* Source: World Bank, 2006, *Where is the Wealth of Nations?*, World Bank: Washington DC

International Commitments

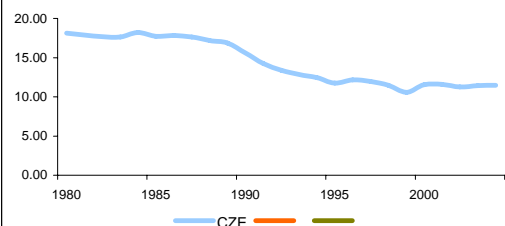
	Year Ratified
Vienna Convention (ozone)	1993
UNFCCC (climate change)	1994
UNCLOS (law of the sea)	1996
UNCCD (desertification treaty)	2000
Ramsar Convention (wetlands)	1993
Kyoto Protocol (climate change)	2001
Convention on Biological Diversity	1993
CMS (migratory species treaty)	1994
CITES (species trade treaty)	993
Stockholm Convention (POPs)	2002
Montreal Protocol (ozone)	1993

Pollution

Emissions

	Year	CZE	High Income	High income - OECD
CO2 Emissions (kt)	2004	116,886	..	..
CO2 Emissions (metric tons per capita)	2004	11.5	..	..
CO2 Em. (kg p/ 2000 US\$ of GDP)	2004	0.6	..	..
Methane emissions (1000 kt.mt of CO2 eq.)	2005	15	..	..
NOx emissions (1000 mt of CO2 eq.)	2000	8,186	..	..

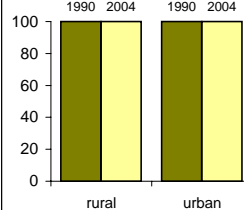
CO2 emissions (metric tons per capita)



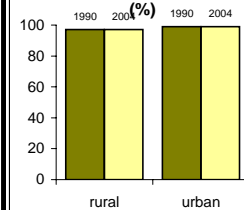
Access to Water and Sanitation

	Year	CZE	High Income	High income - OECD
Access to improved water source				
% of population with access	2004	100.0	..	..
% of rural population with access	2004	100.0	..	..
% of urban population with access	2004	100.0	..	..
Access to improved sanitation facilities				
% of population with access	2004	98.0	..	..
% of rural population with access	2004	97.0	..	..
% of urban population with access	2004	99.0	..	..

Access to Improved Water Source (%)



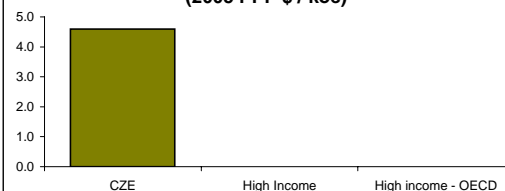
Access to Improved Sanitation Facilities (%)



Transport and Energy

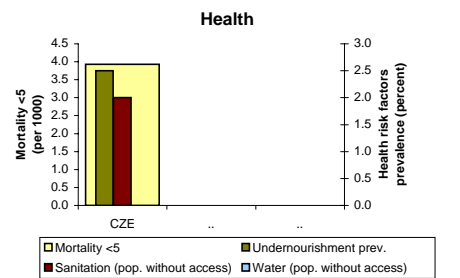
	Year	CZE	High Income	High income - OECD
GDP / energy use (2005 PPP \$ / koe)	2005	4.6	..	..
Energy use per capita (koe)	2005	4,417.1	..	..
Average annual % growth (1990-2005)		0.0	..	..
Electric power cons. (kwh per capita)	2005	6,343.2	..	..
Comb. ren. and waste (% of tot. en. use)	2005	3.9	..	..
Motor vehicles (per 1,000 people)	2002	394.0	..	..
Passenger cars (per 1,000 people)	2003	363.0	..	..

GDP per unit of energy use (2005 PPP \$ / koe)



Environmental Health

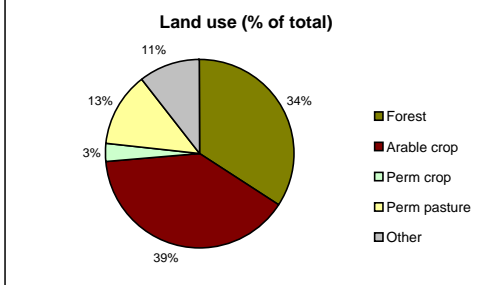
	Year	CZE	High Income	High income - OECD
Mortality rate, under 5 (per 1,000)	2006	3.9	..	..
Mortality rate, infant (per 1,000 live births)	2006	3.2	..	..
Diarrhea treatment (% of children under 5)	..	..	..	..
ARI treat. (% of children under 5)	..	..	..	..
Undernourishment prev. (% of population)	2004	2.5	..	..
PM10 concentration (micrograms/m3)	2005	22	..	..
PM10 health damages (% of GNI)	2006	0.1	..	..



Natural Resources

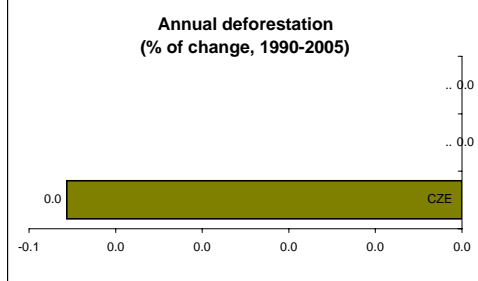
Rural Space

	Year	CZE	High Income	High income - OECD
Rural population (% of total)	2006	26.5	..	..
Land area (sq.km)	2006	77,260	..	..
Arable cropland area (%)	2005	39.4	..	..
Permanent cropland area (%)	2005	3.1	..	..
Permanent pasture area (%)	2003	12.6	..	..
Irrigated land (% of cropland)	2003	0.7	..	..
Fertilizer cons. (100 g/ha arable land)	2005	1,525	..	..
Tractors per 100 km2 of arable land	2003	299	..	..
Land under cereal production (1000 ha)	2006	1,534,896	..	..
Cereal yield (kg per ha)	2006	4,166	..	..



Forests and Biodiversity

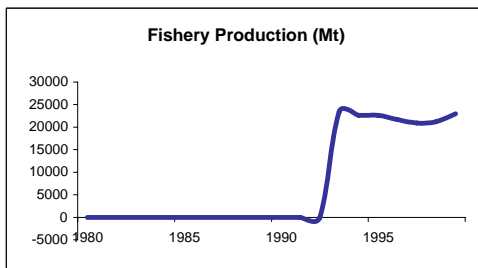
	Year	CZE	High Income	High income - OECD
Forest Area (sq.km)	2005	26,480	..	..
Annual deforestation (% of change)	2005	0.0	..	..
National protected area (% of land area)	2004	18.7	..	..
Mammals species, number	2004	88	..	..
Mammal species, number threatened	2004	6	..	..
Bird species, number	2004	386	..	..
Bird species, threatened	2004	9	..	..
Plant species, number	2004	1,900	..	..
Plant species, threatened	2004	4	..	..



Fisheries

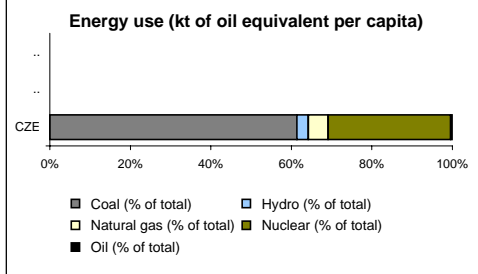
	Year	CZE	High Income	High income - OECD
Total Fish Catch - Production (Mt)	1999	22,965	..	..
Total Fish Catch - Exports (Mt)	1999	8,012	..	..
Total Fish Catch - Imports (Mt)	1999	907	..	..
Marine Protected Areas (% of surface area)	..	..	..	..

* Source: FAO, Faostat



Energy Sources

	Year	CZE	High Income	High income - OECD
Total energy production (koe)	2005	32,869	..	..
Energy use (koe)	2005	45,205	..	..
Net energy imports (% of energy use)	2005	27.3	..	..
Electricity production (kwh in millions)	2005	81,931	..	..
Sources of electricity:				
Coal (% of total)	2005	60.8	..	..
Hydro (% of total)	2005	2.9	..	..
Natural gas (% of total)	2005	4.8	..	..
Nuclear (% of total)	2005	30.2	..	..
Oil (% of total)	2005	0.4	..	..



Water Resources

	Year	CZE	High Income	High income - OECD
Freshwater res. per capita (cubic m.)	2005	1,290	..	..
Freshwater use (% of total)	2002	19.6	..	..
Agricultural water use (% of use)	2002	2.3	..	..
Domestic water use (% of use)	2002	40.7	..	..
Industrial water use (% of use)	2002	57.0	..	..

