

Turkmenistan

Environment at a Glance 2008



General Facts

	2003	2004	2005	2006
Population (millions)	4,698	4,766	4,833	4,899
GDP (US\$ millions)	5,978	6,837	8,102	10,496
GNI per capita (US\$, Atlas)	..	..	..	..
Gross Saving (% of GNI)	30.6	24.7	36.2	..
Net Nat. Saving (% of GNI)	20.8	14.7	25.5	..
Adjust. Net Sav. (% of GNI)	..	..	..	..

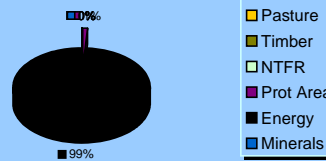
Additional information

#VALUE!

Where is the Wealth of Turkmenistan?

	US\$ per capita (2005)
Total Wealth	..
Produced Capital	..
Natural Capital	54,418
Intangible Capital	..

Natural capital composition



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

International Commitments

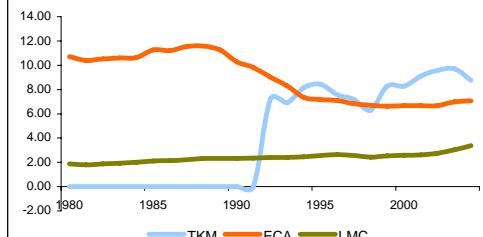
	Year Ratified
Vienna Convention (ozone)	1993
UNFCCC (climate change)	1995
UNCLOS (law of the sea)	..
UNCCD (desertification treaty)	1996
Ramsar Convention (wetlands)	..
Kyoto Protocol (climate change)	1999
Convention on Biological Diversity	1996
CMS (migratory species treaty)	..
CITES (species trade treaty)	..
Stockholm Convention (POPs)	..
Montreal Protocol (ozone)	1993

Pollution

Emissions

	Year	TKM	Europe and Central Asia	Lower middle income
CO2 Emissions (kt)	2004	41,689	3,187,733	7,508,454
CO2 Emissions (metric tons per capita)	2004	8.7	7.1	3.4
CO2 Em. (kg p/ 2000 US\$ of GDP)	..	..	..	..
Methane emissions (1000 kt.mt of CO2 eq.)	2005	23	868	1,974
NOx emissions (1000 mt of CO2 eq.)	2000	573	236,256	1,242,323

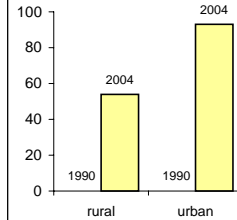
CO2 emissions (metric tons per capita)



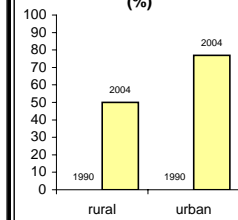
Access to Water and Sanitation

	Year	TKM	Europe and Central Asia	Lower middle income
Access to improved water source				
% of population with access	2004	72.0	91.7	80.8
% of rural population with access	2004	54.0	79.8	70.8
% of urban population with access	2004	93.0	98.7	93.1
Access to improved sanitation facilities				
% of population with access	2004	62.0	85.0	55.4
% of rural population with access	2004	50.0	70.3	38.7
% of urban population with access	2004	77.0	93.0	76.2

Access to Improved Water Source (%)



Access to Improved Sanitation Facilities (%)



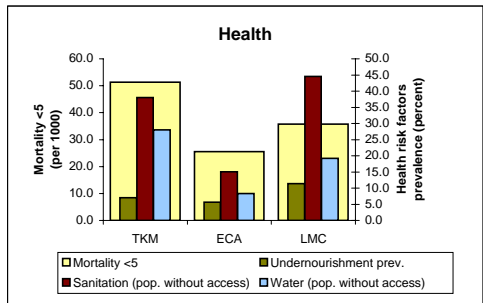
Transport and Energy

	Year	TKM	Europe and Central Asia	Lower middle income
GDP / energy use (2005 PPP \$ / koe)	..	..	..	..
Energy use per capita (koe)	2005	3,380.7	2,825.8	1,215.8
Average annual % growth (1990-2005)	..	-0.9	-1.9	1.7
Electric power cons. (kwh per capita)	2005	1,731.3	3,632.6	1,502.0
Comb. ren. and waste (% of tot. en. use)	..	..	..	..
Motor vehicles (per 1,000 people)	..	..	..	..
Passenger cars (per 1,000 people)	..	..	..	..

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

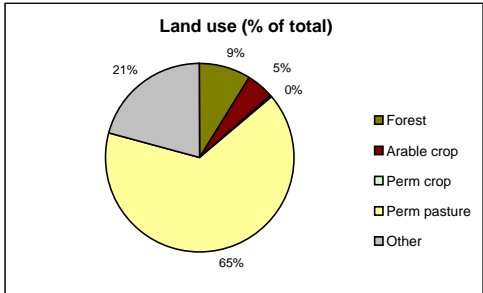


Environmental Health	Year	TKM	Europe and Central Asia	Lower middle income
Mortality rate, under 5 (per 1,000)	2006	51.4	25.6	35.8
Mortality rate, infant (per 1,000 live births)	2006	45.3	22.3	27.5
Diarrhea treatment (% of children under 5)	2006	25.2	..	..
ARI treat. (% of children under 5)	2006	82.7	..	..
Undernourishment prev. (% of population)	2004	7.0	5.7	11.4
PM10 concentration (micrograms/m3)	2005	56	29	69.0
PM10 health damages (% of GNI)	2006	1.0	0.5	1.1

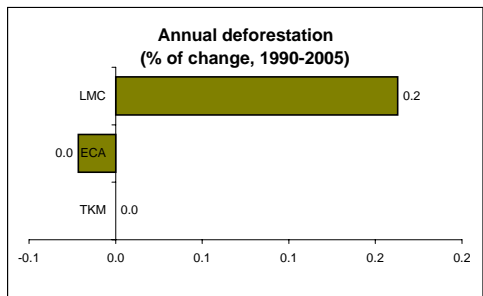


Natural Resources

Rural Space	Year	TKM	Europe and Central Asia	Lower middle income
Rural population (% of total)	2006	53.4	35.6	52.7
Land area (sq.km)	2006	469,930	23,247,643	27,976,588
Arable cropland area (%)	2005	4.9	11.1	11.4
Permanent cropland area (%)	2005	0.1	0.4	1.9
Permanent pasture area (%)	2003	65.3	16.8	30.8
Irrigated land (% of cropland)	2003	79.5	10.9	26.3
Fertilizer cons. (100 g/ha arable land)	..	..	..	..
Tractors per 100 km2 of arable land	2003	227	171	92
Land under cereal production (1000 ha)	2006	1,061,000	114,220,595	176,112,626
Cereal yield (kg per ha)	2006	3,288	..	..

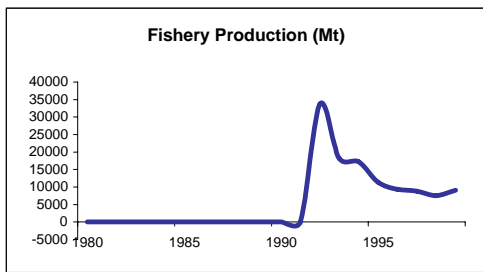


Forests and Biodiversity	Year	TKM	Europe and Central Asia	Lower middle income
Forest Area (sq.km)	2005	41,270	8,869,320	7,413,180
Annual deforestation (% of change)	2005	0.0	0.0	0.2
National protected area (% of land area)	2004	4.2	7.0	12.8
Mammals species, number	2006	0	..	..
Mammal species, number threatened	2006	0	..	..
Bird species, number	2006	0	..	..
Bird species, threatened	2006	0	..	..
Plant species, number	2006	0	..	..
Plant species, threatened	2006	0	..	..

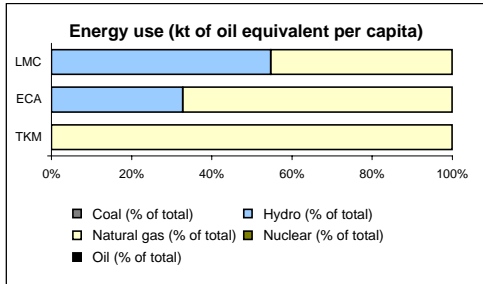


Fisheries	Year	TKM	Europe and Central Asia	Lower middle income
Total Fish Catch - Production (Mt)	1999	9,131	..	..
Total Fish Catch - Exports (Mt)	..	..	..	..
Total Fish Catch - Imports (Mt)	1999	0	..	..
Marine Protected Areas (% of surface area)	..	..	..	..

* Source: FAO, Faostat



Energy Sources	Year	TKM	Europe and Central Asia	Lower middle income
Total energy production (koe)	2005	61,137	1,729,148	3,133,143
Energy use (koe)	2005	16,340	1,287,549	2,747,808
Net energy imports (% of energy use)	2005	-274.2	-34.3	-14.0
Electricity production (kwh in millions)	2005	12,820	1,913,233	3,765,829
Sources of electricity:				
Coal (% of total)	..	..	..	..
Hydro (% of total)	2005	0.0	17.5	16.8
Natural gas (% of total)	2005	100.0	35.8	13.9
Nuclear (% of total)	..	..	..	..
Oil (% of total)	..	..	..	..



Water Resources	Year	TKM	Europe and Central Asia	Lower middle income
Freshwater res. per capita (cubic m.)	2005	290	11,473	5,769
Freshwater use (% of total)	2002	1812.5	7.5	7.3
Agricultural water use (% of use)	2002	97.5	59.0	75.0
Domestic water use (% of use)	2002	1.7	10.3	7.9
Industrial water use (% of use)	2002	0.8	30.7	17.1

