

# Mongolia

Energy Efficiency/CO2 <sup>1</sup> Indicators	Units	1980	1990	2000	<sup>4</sup> 2008
<b>Key indicators</b>					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.767	0.693	0.484	0.359
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.767	0.675	0.464	0.347
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.430	0.804	0.466	0.315
Final energy intensity (at ppp)	koe/\$05p	0.394	0.565	0.294	0.242
Final energy intensity at 2005 GDP structure <sup>3</sup> (ppp)	koe/\$05p	0.409	0.595	0.325	0.235
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.316	0.563	0.329	0.224
Ratio final/primary intensity	%	52.3	82.1	60.9	67.6
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	2.568	1.807	1.326
CO2 emissions per capita	tCO2/cap	n.a.	5.99	3.67	4.33
<b>Industry</b>					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.701	0.594	0.342	0.298
Energy intensity of manufacturing (at ppp)	koe/\$05p	3.704	2.893	2.727	2.021
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	n.a.	n.a.	n.a.
Share of electric process in steel production	%	n.a.	n.a.	100	100
Share of industrial cogeneration in power generation	%	0	0	0	0
CO2 intensity of industry <sup>2</sup> (to value added) (at ppp)	kCO2/\$05p	n.a.	1.399	0.443	0.544
CO2 emissions of industry <sup>2</sup> per capita	tCO2/cap	n.a.	1.32	0.26	0.54
<b>Transport</b>					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.082	0.105	0.066	0.064
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	1.10	0.84
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	0	0	0	0
CO2 intensity of transport to GDP (at ppp)	kCO2/\$05p	n.a.	0.306	0.195	0.190
CO2 emissions of transport per capita	tCO2/cap	n.a.	0.71	0.40	0.62
<b>Households</b>					
Average electricity consumption of households per capita	kWh/cap	129	224	216	342
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	n.a.	n.a.
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	n.a.	n.a.	n.a.
Per capita installed capacity of solar water heaters	m <sup>2</sup> /1000inhab	n.a.	n.a.	n.a.	n.a.
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	n.a.	n.a.
<b>Services</b>					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.009	0.122	0.102	0.055
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	108	179	106	88
Unit consumption of services per employee	toe/emp	n.a.	n.a.	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	2039	419	412
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.002	0.209	0.011
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0.02	0.82	0.05
<b>Agriculture</b>					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.440	0.068	0.014	0.022
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	0.220	0.032	0.057
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0.15	0.02	0.04
<b>Transformation sector</b>					
Efficiency of total electricity generation	%	14.4	18.8	16.5	18.8
Rate of electricity transmission-distribution losses	%	8.5	11.4	29.3	12.7
Efficiency of thermal power plants	%	14.4	18.8	16.5	18.8
Share of renewables in electricity generating capacity	%	n.a.	n.a.	n.a.	n.a.
Share of renewables in gross electricity consumption	%	n.a.	n.a.	n.a.	n.a.

<sup>1</sup> CO2 from fuel combustion

<sup>2</sup> incl. autoproducers

<sup>3</sup> by main sector

<sup>4</sup> Italic = 2007

GDP / PRICES	Units	1980	1990	2000	2008
GDP per capita (at ppp)	\$05p/cap	1759	2332	2029	3297
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	n.a.	n.a.