

Georgia

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1992	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	n.a.	0,851	0,326	0,242
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	n.a.	0,786	0,253	0,191
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	n.a.	0,929	0,296	0,190
Final energy intensity (at ppp)	koe/\$95p	n.a.	0,618	0,259	0,165
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	n.a.	0,565	0,245	0,167
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	n.a.	0,660	0,212	0,137
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	1,865	0,501	0,257
CO2 emissions per capita	tCO2/cap	n.a.	3,60	0,94	0,72
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	n.a.	0,897	0,163	0,068
Energy intensity of manufacturing (at ppp)	koe/\$95p	n.a.	1,214	0,185	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	0	n.a.	n.a.
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	1,745	0,269	0,154
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,75	0,12	0,11
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	n.a.	0,109	0,051	0,039
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	n.a.
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$95p	n.a.	0,308	0,135	0,105
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,59	0,25	0,30
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	n.a.	0,181	0,137	0,097
Average electricity consumption of households per capita	kWh/cap	n.a.	506	564	670
Average electricity consumption per household	kWh/hh	n.a.	n.a.	n.a.	n.a.
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.
Energy intensity of service sector (to value added) (at ppp)	koe/\$95p	n.a.	0,336	0,055	0,037
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	n.a.	1276	520	329
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0,24	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	2254	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	n.a.	0,052	0,025	0,014
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,241	0,110	0,052
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	n.a.	n.a.
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,362	0,021	0,014
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	0,09	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,104	0,076	0,037
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,12	0,04	0,02
Transformation sector					
Overall efficiency of energy transformations	%	n.a.	73,1	74,6	66,7
Efficiency of total electricity generation	%	n.a.	47,0	58,9	80,7
Rate of electricity transmission-distribution losses	%	n.a.	17,9	16,8	0
Efficiency of thermal power plants	%	n.a.	27,0	23,2	34,5
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	n.a.	0	0	0
Share of biomass in industry energy consumption	%	n.a.	0	10,6	16,2
Share of renewables in electricity generating capacity	%	n.a.	66,1	82,4	82,4
Share of renewables in gross electricity consumption	%	n.a.	52,6	76,4	73,7

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2005
GDP per capita (at ppp)	\$95p/cap	4852	1931	1882	2813
Average electricity price (at ppp)	c95p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	n.a.	n.a.