

Lithuania

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1992	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	n.a.	0,376	0,258	0,215
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	n.a.	0,367	0,236	0,197
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	n.a.	0,289	0,177	0,146
Final energy intensity (at ppp)	koe/\$95p	n.a.	0,221	0,135	0,113
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	n.a.	0,220	0,134	0,113
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	n.a.	0,205	0,127	0,106
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,684	0,402	0,330
CO2 emissions per capita	tCO2/cap	n.a.	5,37	3,20	3,83
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	n.a.	0,222	0,104	0,081
Energy intensity of manufacturing (at ppp)	koe/\$95p	n.a.	0,366	0,151	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.	1,98	n.a.	n.a.
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,432	0,265	0,197
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	1,00	0,58	0,70
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	n.a.	0,050	0,039	0,037
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	1,13	0,55	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.	0,141	0,110	0,104
CO2 emissions of transport per capita	tCO2/cap	n.a.	1,11	0,88	1,21
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	n.a.	0,086	0,068	0,052
Average electricity consumption of households per capita	kWh/cap	n.a.	485	505	607
Average electricity consumption per household	kWh/hh	n.a.	1222	1305	1556
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.	0,068	0,030	0,027
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	n.a.	120	121	123
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0,47	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	1899	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	n.a.	0,151	0,045	0,045
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,071	0,028	0,024
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0,92	0,41	0,47
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,097	0,021	0,018
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	0,32	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,274	0,094	0,092
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,20	0,05	0,06
Transformation sector					
Overall efficiency of energy transformations	%	n.a.	62,0	58,8	59,9
Efficiency of total electricity generation	%	n.a.	30,9	30,9	31,6
Rate of electricity transmission-distribution losses	%	n.a.	9,0	11,2	9,0
Efficiency of thermal power plants	%	n.a.	23,0	21,9	24,0
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	n.a.	0	0	0,6
Share of biofuels in road transport energy consumption	%	n.a.	0	0	0
Share of biomass in industry energy consumption	%	n.a.	0,5	4,0	10,6
Share of renewables in electricity generating capacity	%	n.a.	1,9	15,2	19,4
Share of renewables in gross electricity consumption	%	n.a.	3,5	6,4	7,0

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	7861	7858	7963	11623
Average electricity price (at ppp)	c95p/kWh	n.a.	15,4	12,0	13,9
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	1,48	1,66