

Lithuania

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2007
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0	0.338	0.208	0.159
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0	0.332	0.190	0.148
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0	0.266	0.147	0.111
Final energy intensity (at ppp)	koe/\$05p	0	0.202	0.110	0.087
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0	0.205	0.113	0.086
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0	0.189	0.105	0.079
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	0.691	0.327	0.264
CO2 emissions per capita	tCO2/cap	n.a.	8.99	3.20	4.54
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0	0.238	0.085	0.058
Energy intensity of manufacturing (at ppp)	koe/\$05p	0	0.395	0.123	0.084
Unit consumption of steel	toe/t	n.a.	0.84	n.a.	n.a.
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$05p	n.a.	0.508	0.214	0.182
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	1.96	0.57	1.00
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0	0.043	0.031	0.032
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	0.54	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/\$05p	n.a.	0.117	0.090	0.090
CO2 emissions of transport per capita	tCO2/cap	n.a.	1.52	0.88	1.54
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$05p	0	0.067	0.062	0.035
Average electricity consumption of households per capita	kWh/cap	0	476	505	733
Average electricity consumption per household	kWh/hh	n.a.	n.a.	1305	1898
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.	1064	n.a.
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0	0.069	0.024	0.020
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$05p	0	76	97	97
Unit consumption of services per employee	toe/emp	n.a.	2.28	0.51	0.66
Unit electricity consumption of services per employee	kWh/emp	n.a.	2512	2044	3263
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0	0.163	0.036	0.039
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$05p	n.a.	0.085	0.025	0.019
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	0.40	0.56
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.122	0.017	0.013
CO2 emissions of service sector per employee	tCO2/emp	n.a.	4.02	0.35	0.45
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	0.334	0.076	0.085
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0.41	0.05	0.07
Transformation sector					
Overall efficiency of energy transformations	%	n.a.	64.7	59.0	68.1
Efficiency of total electricity generation	%	n.a.	34.5	31.0	32.2
Rate of electricity transmission-distribution losses	%	n.a.	5.5	11.2	7.9
Efficiency of thermal power plants	%	n.a.	36.0	22.1	24.7
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	0	0	0	1.0
Share of biofuels in road transport energy consumption	%	n.a.	0	0	2.1
Share of biomass in industry energy consumption	%	n.a.	0.4	4.0	7.8
Share of renewables in electricity generating capacity	%	n.a.	n.a.	15.2	20.5
Share of renewables in gross electricity consumption	%	n.a.	2.5	6.4	8.6

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2007
GDP per capita (at ppp)	\$05p/cap	9670	13022	9796	17219
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	13.1	17.5
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	1.61	1.94