

Latvia

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2007
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	n.a.	0.280	0.177	0.126
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	n.a.	0.257	0.132	0.093
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	n.a.	0.259	0.214	0.157
Final energy intensity (at ppp)	koe/\$05p	n.a.	0.226	0.153	0.115
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	n.a.	0.186	0.155	0.115
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	n.a.	0.184	0.153	0.112
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	0.658	0.321	0.215
CO2 emissions per capita	tCO2/cap	n.a.	6.96	2.88	3.68
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	n.a.	0.165	0.131	0.096
Energy intensity of manufacturing (at ppp)	koe/\$05p	n.a.	0.341	0.214	0.161
Unit consumption of steel	toe/t	n.a.	0.57	0.28	0.25
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$05p	n.a.	0.220	0.252	0.157
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	1.07	0.47	0.57
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	n.a.	0.040	0.036	0.034
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	1.88	1.30	n.a.
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	0.06	n.a.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$05p	n.a.	0.110	0.102	0.095
CO2 emissions of transport per capita	tCO2/cap	n.a.	1.16	0.91	1.62
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$05p	n.a.	0.063	0.103	0.063
Average electricity consumption of households per capita	kWh/cap	n.a.	482	501	796
Average electricity consumption per household	kWh/hh	n.a.	n.a.	1280	2010
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.	0	n.a.
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	n.a.	0.097	0.034	0.026
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$05p	n.a.	166	115	97
Unit consumption of services per employee	toe/emp	n.a.	1.68	0.71	0.95
Unit electricity consumption of services per employee	kWh/emp	n.a.	2883	2395	3549
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	n.a.	0.293	0.150	0.146
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$05p	n.a.	0.046	0.022	0.017
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	0.30	0.45
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.114	0.026	0.020
CO2 emissions of service sector per employee	tCO2/emp	n.a.	1.98	0.54	0.73
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	0.524	0.361	0.365
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0.29	0.13	0.18
Transformation sector					
Overall efficiency of energy transformations	%	n.a.	80.8	89.4	96.1
Efficiency of total electricity generation	%	n.a.	44.2	44.7	46.0
Rate of electricity transmission-distribution losses	%	n.a.	17.8	24.0	17.0
Efficiency of thermal power plants	%	n.a.	20.4	20.4	26.1
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	n.a.	0	0	2.2
Share of biofuels in road transport energy consumption	%	n.a.	0	0	0.2
Share of biomass in industry energy consumption	%	n.a.	0.3	10.2	21.4
Share of renewables in electricity generating capacity	%	n.a.	n.a.	72.0	74.3
Share of renewables in gross electricity consumption	%	n.a.	43.9	47.7	36.4

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	8576	10586	8961	17071
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	15.1	11.6
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	1.56	1.90