

Sri Lanka

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,194	0,157	0,138	0,136
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,062	0,045	0,065	0,065
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,221	0,200	0,163	0,150
Final energy intensity (at ppp)	koe/\$95p	0,182	0,150	0,123	0,117
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,187	0,155	0,121	0,114
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,164	0,142	0,117	0,108
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,105	0,182	0,169
CO2 emissions per capita	tCO2/cap	n.a.	0,22	0,55	0,61
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,131	0,105	0,100	0,105
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,273	0,186	0,158	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	0,02	0,17
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,056	0,063	0,085
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,02	0,05	0,07
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,029	0,023	0,032	0,027
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.	0,071	0,095	0,079
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,15	0,29	0,28
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,160	0,133	0,078	0,077
Average electricity consumption of households per capita	kWh/cap	32	39	108	148
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	0,022	0,021	0,019	0,016
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	27	67	42	45
Unit consumption of services per employee	toe/emp	n.a.	0,16	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	512	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0	0	0	0,001
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,003	0,007	0,006
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.	0,035	0,031	0,021
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0,26	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0	0	0,003
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0	0	0,002
Transformation sector					
Overall efficiency of energy transformations	%	83,3	89,0	79,5	76,0
Efficiency of total electricity generation	%	65,8	99,5	49,2	51,7
Rate of electricity transmission-distribution losses	%	14,6	16,7	19,9	15,4
Efficiency of thermal power plants	%	17,9	22,4	33,5	39,2
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	%	0	0	0	0
Share of biomass in industry energy consumption	%	66,1	74,3	69,6	64,0
Share of renewables in electricity generating capacity	%	78,6	78,9	62,7	53,8
Share of renewables in gross electricity consumption	%	88,7	99,8	47,9	39,9

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	1577	2061	3012	3595
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.	1,34	1,81