

India

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,313	0,266	0,224	0,191
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,117	0,134	0,135	0,121
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,336	0,295	0,221	0,166
Final energy intensity (at ppp)	koe/\$95p	0,277	0,216	0,157	0,126
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,278	0,219	0,163	0,126
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,249	0,210	0,158	0,120
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,404	0,406	0,364
CO2 emissions per capita	tCO2/cap	n.a.	0,63	0,91	1,04
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,167	0,160	0,169	0,138
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,284	0,258	0,266	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	0,229	0,392	0,195	n.a.
Unit consumption of steel	toe/t	1,08	0,81	0,58	0,52
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,487	0,417	0,369
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,19	0,23	0,26
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,023	0,021	0,015	0,012
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	6,84	1,48	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.	0,061	0,041	0,033
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,10	0,09	0,09
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,319	0,235	0,153	0,114
Average electricity consumption of households per capita	kWh/cap	13	38	74	92
Average electricity consumption per household	kWh/hh	84	201	397	495
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	0,018	0,013	0,009	0,008
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	33	41	41	40
Unit consumption of services per employee	toe/emp	n.a.	0,10	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	322	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,005	0,012	0,015	0,015
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,069	0,055	0,044
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0,36	0,40	0,44
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,034	0,020	0,014
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0,27	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,000	0,001	0,001
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,000	0,000	0,001
Transformation sector					
Overall efficiency of energy transformations	%	74,5	66,8	57,3	54,0
Efficiency of total electricity generation	%	37,1	36,0	32,2	31,7
Rate of electricity transmission-distribution losses	%	17,9	19,5	27,6	26,3
Efficiency of thermal power plants	%	26,2	29,7	29,0	28,1
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	%	0	0	23,3	22,6
Share of renewables in electricity generating capacity	%	35,6	25,2	21,8	26,0
Share of renewables in gross electricity consumption	%	39,1	24,7	13,5	14,9

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	1101	1564	2232	2853
Average electricity price (at ppp)	c95p/kWh	n.a.	n.a.	31,7	n.a.
Average price of motor fuels (at ppp)	\$95p/l	1,25	1,22	2,08	3,04