

Other Asia

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,278	0,248	0,230	0,227
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,166	0,168	0,174	0,176
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,299	0,250	0,232	0,225
Final energy intensity (at ppp)	koe/\$95p	0,212	0,172	0,154	n.a.
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,220	0,170	0,158	n.a.
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,222	0,178	0,166	0,162
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,439	0,449	0,453
CO2 emissions per capita	tCO2/cap	n.a.	0,97	1,32	1,53
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,213	0,156	0,149	0,160
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,315	0,230	0,217	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	0,54	0,39	0,39	0,36
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,436	0,406	0,440
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,29	0,34	0,42
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,032	0,034	0,039	0,038
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.	0,100	0,114	0,110
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,22	0,33	0,37
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,695	0,484	0,332	0,300
Average electricity consumption of households per capita	kWh/cap	n.a.	90	186	230
Average electricity consumption per household	kWh/hh	n.a.	97	189	238
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	0,014	0,013	0,020	0,020
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	79	99	134	144
Unit consumption of services per employee	toe/emp	n.a.	0,02	0,04	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	170	271	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,020	0,024	0,024	n.a.
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,156	0,132	0,121
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0,06	0,07	0,08
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,013	0,021	0,022
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0,02	0,04	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,067	0,066	0,071
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,02	0,02	0,03
Transformation sector					
Overall efficiency of energy transformations	%	75,0	71,1	66,4	64,1
Efficiency of total electricity generation	%	38,3	39,7	40,8	41,3
Rate of electricity transmission-distribution losses	%	7,6	8,3	9,8	8,4
Efficiency of thermal power plants	%	32,0	33,6	37,0	37,9
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	%	4,8	7,7	12,2	13,5
Share of renewables in electricity generating capacity	%	27,3	24,5	17,3	16,5
Share of renewables in gross electricity consumption	%	24,0	23,5	15,7	14,5

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector