

Asia and Pacific OECD

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,208	0,187	0,199	0,188
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,205	0,184	0,195	0,184
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,162	0,153	0,156	0,145
Final energy intensity (at ppp)	koe/\$95p	0,131	0,119	0,118	0,112
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,126	0,115	0,119	0,114
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,120	0,109	0,111	0,105
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,450	0,448	0,428
CO2 emissions per capita	tCO2/cap	n.a.	8,23	9,76	10,14
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,179	0,134	0,131	0,125
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,297	0,207	0,186	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	0,43	0,35	0,34	0,36
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,344	0,347	0,318
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	2,20	2,41	2,43
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,036	0,034	0,037	0,035
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.	0,094	0,101	0,094
CO2 emissions of transport per capita	tCO2/cap	n.a.	1,72	2,19	2,23
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,036	0,033	0,032	0,030
Average electricity consumption of households per capita	kWh/cap	917	1341	1773	1961
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	0,020	0,026	0,029	0,028
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	56	111	141	148
Unit consumption of services per employee	toe/emp	n.a.	n.a.	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,063	0,141	0,165	0,176
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,056	0,045	0,040
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.	0,048	0,048	0,041
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,414	0,471	0,497
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,23	0,23	0,22
Transformation sector					
Overall efficiency of energy transformations	%	72,1	71,7	69,6	69,6
Efficiency of total electricity generation	%	41,9	41,5	40,4	40,7
Rate of electricity transmission-distribution losses	%	5,4	5,2	5,3	4,6
Efficiency of thermal power plants	%	38,1	40,5	40,8	41,5
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	%	1,6	2,7	4,0	5,7
Share of renewables in electricity generating capacity	%	22,7	20,8	18,4	17,6
Share of renewables in gross electricity consumption	%	17,6	12,7	9,6	8,1

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector