

Latin America

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,185	0,195	0,184	0,180
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,149	0,160	0,157	0,154
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,174	0,196	0,166	0,160
Final energy intensity (at ppp)	koe/\$95p	0,131	0,137	0,127	0,125
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,138	0,148	0,128	0,126
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,129	0,140	0,119	0,115
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,369	0,361	0,350
CO2 emissions per capita	tCO2/cap	n.a.	2,02	2,32	2,35
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,153	0,170	0,161	0,158
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,221	0,250	0,253	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	n.a.	1,230	1,034	n.a.
Unit consumption of steel	toe/t	0,62	0,62	0,57	0,46
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,320	0,313	0,289
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,52	0,57	0,56
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,043	0,045	0,045	0,045
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.	0,125	0,125	0,125
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,68	0,80	0,84
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,056	0,054	0,039	0,038
Average electricity consumption of households per capita	kWh/cap	201	291	410	434
Average electricity consumption per household	kWh/hh	n.a.	1285	1672	1790
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	1931	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	0,008	0,011	0,012	0,013
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	57	78	92	99
Unit consumption of services per employee	toe/emp	n.a.	0,20	0,22	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	1366	1694	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,069	0,064	0,065	0,063
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,051	0,039	0,035
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0,66	0,64	0,60
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,012	0,010	0,010
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0,21	0,18	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,126	0,140	0,129
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,06	0,07	0,07
Transformation sector					
Overall efficiency of energy transformations	%	71,3	72,9	73,1	72,4
Efficiency of total electricity generation	%	50,3	57,6	57,4	57,3
Rate of electricity transmission-distribution losses	%	12,2	14,3	16,3	16,7
Efficiency of thermal power plants	%	28,6	32,7	34,8	36,3
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	%	1,9	6,3	4,7	4,6
Share of biomass in industry energy consumption	%	23,0	25,9	22,9	24,1
Share of renewables in electricity generating capacity	%	53,3	60,1	57,6	54,6
Share of renewables in gross electricity consumption	%	60,3	64,3	60,7	57,7

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector