

Latin America

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.151	0.159	0.150	0.142
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.121	0.128	0.128	0.119
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.133	0.151	0.136	0.125
Final energy intensity (at ppp)	koe/\$05p	0.105	0.109	0.102	0.095
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.099	0.109	0.102	0.095
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.098	0.106	0.096	0.089
Ratio final/primary intensity	%	74.0	74.2	74.4	72.7
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	0.295	0.296	0.271
CO2 emissions per capita	tCO2/cap	n.a.	1.98	2.30	2.52
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.127	0.152	0.143	0.130
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.198	0.234	0.221	0.206
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	0.245	0.225
Unit consumption of steel	toe/t	0.76	0.62	0.56	0.54
Share of electric process in steel production	%	31.5	24.2	44.1	48.2
Share of industrial cogeneration in power generation	%	0	0	0	0
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$05p	n.a.	0.283	0.283	0.254
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0.50	0.59	0.62
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.033	0.035	0.035	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.
Share of biofuels in road transport energy consumption	%	1.9	6.4	4.8	6.8
CO2 intensity of transport to GDP (at ppp)	kCO2/\$05p	n.a.	0.097	0.097	0.097
CO2 emissions of transport per capita	tCO2/cap	n.a.	0.65	0.76	0.90
Households					
Average electricity consumption of households per capita	kWh/cap	199	293	405	488
Average electricity consumption of electrified households	kWh/hh	n.a.	1826	1769	1918
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	n.a.	n.a.	n.a.
Per capita installed capacity of solar water heaters	m ² /1000inhab	0	0	0	8.2
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0.67	0.60	0.54
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.007	0.009	0.009	0.008
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	45	61	73	70
Unit consumption of services per employee	toe/emp	n.a.	0.18	0.17	0.17
Unit electricity consumption of services per employee	kWh/emp	n.a.	1198	1333	1376
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.010	0.007	0.006
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0.19	0.13	0.11
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.052	0.059	0.062	0.055
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	0.118	0.135	0.116
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0.06	0.07	0.07
Transformation sector					
Efficiency of total electricity generation	%	50.5	57.7	57.6	56.5
Rate of electricity transmission-distribution losses	%	16.3	18.9	21.7	22.6
Efficiency of thermal power plants	%	28.8	32.9	34.9	37.0
Share of renewables in electricity generating capacity	%	53.3	60.1	57.4	59.6
Share of renewables in gross electricity consumption	%	61.3	65.0	62.0	58.0

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

⁴ Italic = 2007