

Argentina

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.149	0.191	0.162	0.143
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.141	0.184	0.154	0.138
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.121	0.159	0.149	0.124
Final energy intensity (at ppp)	koe/\$05p	0.096	0.119	0.112	0.097
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.092	0.115	0.112	0.096
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.089	0.111	0.105	0.088
Ratio final/primary intensity	%	69.9	65.8	76.4	74.7
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.412	0.366	0.318
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	3.08	3.77	4.22
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.099	0.134	0.157	0.129
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.150	0.193	0.252	0.210
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	n.a.	n.a.	n.a.
Share of electric process in steel production	%	n.a.	0	50.3	52.1
Share of industrial cogeneration in power generation	%	0	0	0	0
CO ₂ intensity of industry ² (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.317	0.377	0.331
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	0.64	0.98	1.20
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.037	0.039	0.035	0.027
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	%	0	0	0	0
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.116	0.101	0.079
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	0.87	1.04	1.04
Households					
Average electricity consumption of households per capita	kWh/cap	315	341	579	737
Average electricity consumption of electrified households	kWh/hh	n.a.	1343	2264	2783
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	n.a.	n.a.	n.a.	n.a.
CO ₂ emissions of residential sector per household	tCO ₂ /hh	1.34	1.43	1.70	1.87
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.009	0.017	0.011	0.011
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	37	47	76	76
Unit consumption of services per employee	toe/emp	n.a.	0.30	0.21	0.24
Unit electricity consumption of services per employee	kWh/emp	n.a.	839	1473	1616
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.031	0.010	0.010
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	0.56	0.20	0.21
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.111	0.101	0.124	0.108
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.303	0.366	0.321
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.14	0.20	0.22
Transformation sector					
Efficiency of total electricity generation	%	36.2	40.6	46.7	46.2
Rate of electricity transmission-distribution losses	%	17.5	25.6	20.1	20.6
Efficiency of thermal power plants	%	25.5	29.9	37.7	39.8
Share of renewables in electricity generating capacity	%	30.2	38.5	39.7	35.7
Share of renewables in gross electricity consumption	%	38.4	35.8	33.2	26.3

¹ CO₂ from fuel combustion

² incl. autoproducers

³ by main sector

⁴ Italic = 2007

GDP / PRICES	Units	1980	1990	2000	2008
GDP per capita (at ppp)	\$05p/cap	10089	7472	10292	13248
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	10.2	10.7
Average price of motor fuels (at ppp)	\$05p/l	n.a.	0.53	0.88	1.47