

Colombia

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.152	0.140	0.121	0.098
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.114	0.109	0.101	0.083
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.142	0.139	0.124	0.095
Final energy intensity (at ppp)	koe/\$05p	0.118	0.109	0.091	0.074
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.109	0.101	0.092	0.073
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.104	0.097	0.087	0.067
Ratio final/primary intensity	%	79.5	79.7	83.1	79.4
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.260	0.244	0.186
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	1.30	1.31	1.23
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.127	0.111	0.134	0.093
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.154	0.153	0.246	0.174
Energy intensity of chemicals industry (at ppp)	koe/\$05p	0.215	0.137	0.170	0.230
Unit consumption of steel	toe/t	n.a.	n.a.	n.a.	n.a.
Share of electric process in steel production	%	n.a.	0	57.6	70.8
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.	0.291	0.317	0.201
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	0.41	0.41	0.36
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.033	0.033	0.029	0.024
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	0.82
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	2.1
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.096	0.084	0.069
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	0.48	0.45	0.46
Households					
Average electricity consumption of households per capita	kWh/cap	242	360	267	383
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	1401	1740
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	n.a.	0.33	0.37	0.41
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.007	0.009	0.010	0.007
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	69	71	77	62
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.
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.010	0.009	0.005
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	n.a.	n.a.	n.a.
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.039	0.037	0.042	0.036
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.024	0.049	0.043
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.02	0.03	0.03
Transformation sector					
Efficiency of total electricity generation	%	59.6	65.0	69.1	72.1
Rate of electricity transmission-distribution losses	%	21.9	30.2	30.5	27.3
Efficiency of thermal power plants	%	30.8	31.1	36.5	36.8
Share of renewables in electricity generating capacity	%	64.0	74.7	66.7	62.7
Share of renewables in gross electricity consumption	%	71.1	76.4	75.5	78.5

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	5163	6023	6433	8212
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	15.2	n.a.
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	0.85	n.a.