

Ecuador

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,209	0,205	0,233	0,229
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,169	0,178	0,214	0,216
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,168	0,215	0,221	0,203
Final energy intensity (at ppp)	koe/\$95p	0,147	0,167	0,174	0,161
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,146	0,174	0,177	0,164
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,125	0,153	0,158	0,147
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,445	0,494	0,501
CO2 emissions per capita	tCO2/cap	n.a.	1,33	1,47	1,73
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,080	0,101	0,096	0,083
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,138	0,198	0,246	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	n.a.	n.a.	n.a.	n.a.
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,209	0,199	0,211
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,21	0,22	0,28
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,061	0,081	0,092	0,086
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.	0,239	0,274	0,256
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,71	0,82	0,89
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,057	0,062	0,051	0,046
Average electricity consumption of households per capita	kWh/cap	130	182	227	283
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	0,015	0,014	0,017	0,019
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	46	84	135	152
Unit consumption of services per employee	toe/emp	n.a.	0,10	0,11	0,12
Unit electricity consumption of services per employee	kWh/emp	n.a.	587	877	948
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,034	0,010	0,005	0,002
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,076	0,069	0,075
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.	0,021	0,015	0,015
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0,14	0,09	0,10
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,029	0,015	0,007
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,02	0,01	0,00
Transformation sector					
Overall efficiency of energy transformations	%	74,3	84,6	75,2	71,8
Efficiency of total electricity generation	%	36,7	68,1	66,4	52,4
Rate of electricity transmission-distribution losses	%	14,8	22,5	24,1	43,0
Efficiency of thermal power plants	%	30,1	31,4	35,9	34,9
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	%	27,0	26,4	23,7	21,8
Share of renewables in electricity generating capacity	%	19,9	49,1	50,9	48,8
Share of renewables in gross electricity consumption	%	25,9	78,5	71,7	45,5

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2005
GDP per capita (at ppp)	\$95p/cap	3139	2980	2975	3458
Average electricity price (at ppp)	c95p/kWh	n.a.	n.a.	8,3	16,3
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	0,42	0,42