

Mexico

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.136	0.146	0.124	0.130
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.126	0.137	0.118	0.124
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.110	0.120	0.094	0.095
Final energy intensity (at ppp)	koe/\$05p	0.086	0.091	0.075	0.075
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.087	0.091	0.074	0.075
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.081	0.084	0.066	0.067
Ratio final/primary intensity	%	68.6	70.3	66.2	61.9
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.335	0.294	0.297
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	3.39	3.55	3.99
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.100	0.105	0.077	0.068
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.182	0.177	0.123	0.108
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	0.161	0.103
Unit consumption of steel	toe/t	0.55	0.55	0.47	0.35
Share of electric process in steel production	%	43.6	51.4	66.5	71.0
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.	0.242	0.170	0.178
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	0.77	0.68	0.73
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.032	0.035	0.029	0.036
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	2.75	0.89
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.	0.101	0.084	0.105
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	1.02	1.02	1.41
Households					
Average electricity consumption of households per capita	kWh/cap	149	245	369	485
Average electricity consumption of electrified households	kWh/hh	n.a.	1326	1486	1879
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	5.0
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	1.09	0.84	0.76
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.006	0.006	0.005	0.005
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	31	38	25	26
Unit consumption of services per employee	toe/emp	0.48	0.25	0.16	0.15
Unit electricity consumption of services per employee	kWh/emp	2569	1615	810	851
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.008	0.007	0.006
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	0.33	0.23	0.18
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.072	0.061	0.065	0.066
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.139	0.148	0.157
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.06	0.07	0.08
Transformation sector					
Efficiency of total electricity generation	%	40.7	43.6	40.9	40.3
Rate of electricity transmission-distribution losses	%	14.4	16.1	18.1	22.6
Efficiency of thermal power plants	%	33.6	37.4	36.1	35.8
Share of renewables in electricity generating capacity	%	36.3	29.9	25.9	23.0
Share of renewables in gross electricity consumption	%	26.6	23.0	19.4	19.1

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	10402	10101	12071	13407
Average electricity price (at ppp)	c05p/kWh	11.9	11.4	9.4	16.1
Average price of motor fuels (at ppp)	\$05p/l	0.53	0.75	0.93	1.02