

Greece

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.077	0.100	0.103	0.087
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.075	0.096	0.099	0.084
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.074	0.091	0.094	0.079
Final energy intensity (at ppp)	koe/\$05p	0.053	0.066	0.067	0.056
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.047	0.060	0.065	0.057
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.054	0.064	0.066	0.056
Ratio final/primary intensity	%	71.5	68.6	68.2	67.1
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.326	0.332	0.283
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	6.69	7.98	9.14
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.093	0.085	0.085	0.066
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.186	0.171	0.162	0.129
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	0.205	0.150	0.156
Unit consumption of steel	toe/t	0.34	0.23	0.18	0.10
Share of electric process in steel production	%	0	100	100	100
Share of industrial cogeneration in power generation	%	1.1	2.5	1.9	1.4
CO ₂ intensity of industry ² (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.222	0.205	0.160
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	1.00	0.97	0.96
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.016	0.024	0.024	0.021
Average consumption of road transport per equivalent car	toe/car equiv.	0.86	0.76	0.69	0.63
Unit consumption of goods per ton km	toe/tkm	n.a.	0.10	0.08	0.07
Share of biofuels in road transport energy consumption	%	0	0	0	1.1
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.072	0.072	0.061
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	1.47	1.73	1.98
Households					
Average electricity consumption of households per capita	kWh/cap	587	893	1301	1593
Average electricity consumption of electrified households	kWh/hh	n.a.	2545	3899	4630
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	1222	2318	2964
Per capita installed capacity of solar water heaters	m ² /1000inhab	0	102.8	214.8	344.6
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	1.29	2.05	2.13
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.002	0.005	0.007	0.008
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	26	41	69	75
Unit consumption of services per employee	toe/emp	0.21	0.36	0.53	0.68
Unit electricity consumption of services per employee	kWh/emp	2431	3119	4949	6040
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.004	0.004	0.006
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	0.29	0.31	0.47
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.054	0.083	0.079	0.108
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.221	0.186	0.249
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.27	0.24	0.22
Transformation sector					
Efficiency of total electricity generation	%	38.0	35.0	38.3	34.3
Rate of electricity transmission-distribution losses	%	8.0	10.0	9.7	8.1
Efficiency of thermal power plants	%	34.3	33.7	36.2	32.4
Share of renewables in electricity generating capacity	%	26.6	28.9	30.4	30.2
Share of renewables in gross electricity consumption	%	15.0	5.7	8.8	8.9

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	17258	17538	20574	27599
Average electricity price (at ppp)	c05p/kWh	15.6	16.7	10.2	11.5
Average price of motor fuels (at ppp)	\$05p/l	1.94	1.12	1.23	1.47