

Tunisia

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,154	0,160	0,138	0,129
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,120	0,130	0,121	0,113
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,145	0,164	0,136	0,121
Final energy intensity (at ppp)	koe/\$95p	0,119	0,126	0,103	0,094
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,117	0,125	0,104	0,095
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,107	0,117	0,097	0,087
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,359	0,332	0,295
CO2 emissions per capita	tCO2/cap	n.a.	1,52	1,91	2,01
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	0,108	0,132	0,100	0,092
Energy intensity of manufacturing (at ppp)	koe/\$95p	0,173	0,230	0,160	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	0,055	0,054	0,017	n.a.
Unit consumption of steel	toe/t	n.a.	0,49	0,42	0,16
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	0,362	0,265	0,227
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0,45	0,45	0,43
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,032	0,030	0,030	0,026
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.	0,088	0,089	0,077
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,37	0,51	0,53
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,068	0,070	0,046	0,044
Average electricity consumption of households per capita	kWh/cap	77	134	229	300
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	0,013	0,016	0,020	0,018
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	31	46	71	70
Unit consumption of services per employee	toe/emp	0,20	n.a.	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	475	n.a.	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	0,039	0,044	0,052	0,046
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,050	0,049	0,046
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.	0,035	0,039	0,034
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,125	0,144	0,119
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,08	0,11	0,10
Transformation sector					
Overall efficiency of energy transformations	%	73,7	74,5	76,8	73,4
Efficiency of total electricity generation	%	28,7	35,1	36,8	38,9
Rate of electricity transmission-distribution losses	%	12,2	10,3	10,5	12,2
Efficiency of thermal power plants	%	28,6	34,9	36,6	38,5
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	%	0	0	0	0
Share of renewables in electricity generating capacity	%	2,9	4,1	2,8	2,1
Share of renewables in gross electricity consumption	%	0,8	0,8	0,8	1,5

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	3825	4250	5757	6825
Average electricity price (at ppp)	c95p/kWh	n.a.	23,2	16,4	19,0
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	1,23	1,30