

Jordan

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.174	0.307	0.282	0.251
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.173	0.307	0.282	0.251
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.160	0.251	0.245	0.183
Final energy intensity (at ppp)	koe/\$05p	0.121	0.207	0.195	0.154
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.128	0.214	0.206	0.156
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.117	0.175	0.173	0.130
Ratio final/primary intensity	%	75.1	71.4	71.4	63.2
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.868	0.815	0.651
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	2.90	2.97	3.15
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.122	0.204	0.204	0.136
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.171	0.345	0.332	0.202
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	n.a.	n.a.	n.a.
Share of electric process in steel production	%	n.a.	100	100	100
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.	0.650	0.615	0.360
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	0.50	0.53	0.49
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.060	0.085	0.069	0.055
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.
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.	0.252	0.203	0.162
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	0.84	0.74	0.78
Households					
Average electricity consumption of households per capita	kWh/cap	138	276	413	761
Average electricity consumption of electrified households	kWh/hh	n.a.	1941	2405	4116
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	n.a.	148
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	2.19	2.27	1.41
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.003	0.008	0.027	0.024
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	33	65	111	153
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0.26	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	1066	n.a.
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.006	0.051	0.032
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	n.a.	0.49	n.a.
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.076	0.077	0.166	0.159
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	n.a.	n.a.	n.a.
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	n.a.	n.a.	n.a.
Transformation sector					
Efficiency of total electricity generation	%	28.4	32.8	37.7	36.2
Rate of electricity transmission-distribution losses	%	27.1	11.2	14.2	19.9
Efficiency of thermal power plants	%	28.4	32.8	37.6	36.1
Share of renewables in electricity generating capacity	%	0	1.1	0.7	3.1
Share of renewables in gross electricity consumption	%	0	0.3	0.6	0.5

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	3977	3331	3632	4883
Average electricity price (at ppp)	c05p/kWh	n.a.	13.8	12.7	13.1
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	0.65	1.04