

# Syria

Energy Efficiency/CO <sub>2</sub> <sup>1</sup> Indicators	Units	1980	1990	2000	<sup>4</sup> 2008
<b>Key indicators</b>					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.172	0.309	0.287	0.233
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.172	0.309	0.286	0.233
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.242	0.215	0.182	0.136
Final energy intensity (at ppp)	koe/\$05p	0.134	0.215	0.165	0.121
Final energy intensity at 2005 GDP structure <sup>3</sup> (ppp)	koe/\$05p	0.211	0.217	0.162	0.122
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.178	0.150	0.128	0.096
Ratio final/primary intensity	%	85.7	73.2	68.6	61.2
CO <sub>2</sub> intensity (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	0.797	0.726	0.623
CO <sub>2</sub> emissions per capita	tCO <sub>2</sub> /cap	n.a.	2.35	2.71	2.65
<b>Industry</b>					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.363	0.174	0.141	0.120
Energy intensity of manufacturing (at ppp)	koe/\$05p	2.102	1.011	0.817	0.333
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 <sub>2</sub> intensity of industry <sup>2</sup> (to value added) (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	0.556	0.494	0.378
CO <sub>2</sub> emissions of industry <sup>2</sup> per capita	tCO <sub>2</sub> /cap	n.a.	0.50	0.74	0.54
<b>Transport</b>					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.060	0.083	0.069	0.049
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	1.94	1.19
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	%	n.a.	n.a.	n.a.	n.a.
CO <sub>2</sub> intensity of transport to GDP (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	0.249	0.208	0.146
CO <sub>2</sub> emissions of transport per capita	tCO <sub>2</sub> /cap	n.a.	0.73	0.78	0.62
<b>Households</b>					
Average electricity consumption of households per capita	kWh/cap	149	320	474	772
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	3639	5339
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 <sup>2</sup> /1000inhab	n.a.	n.a.	n.a.	n.a.
CO <sub>2</sub> emissions of residential sector per household	tCO <sub>2</sub> /hh	n.a.	0.83	0.88	0.51
<b>Services</b>					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	n.a.	n.a.	n.a.	n.a.
Unit consumption of services per employee	toe/emp	n.a.	n.a.	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	n.a.	n.a.
CO <sub>2</sub> intensity of service sector (to value added) (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	n.a.	n.a.	n.a.
CO <sub>2</sub> emissions of service sector per employee	tCO <sub>2</sub> /emp	n.a.	n.a.	n.a.	n.a.
<b>Agriculture</b>					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.026	0.018	0.014	0.009
CO <sub>2</sub> intensity of agriculture (to value added) (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	0.055	0.044	0.028
CO <sub>2</sub> emissions of agriculture sector per capita	tCO <sub>2</sub> /cap	n.a.	0.04	0.04	0.03
<b>Transformation sector</b>					
Efficiency of total electricity generation	%	46.2	41.7	40.7	39.6
Rate of electricity transmission-distribution losses	%	24.0	41.2	58.1	39.7
Efficiency of thermal power plants	%	23.3	35.4	37.4	37.8
Share of renewables in electricity generating capacity	%	38.4	25.4	15.6	19.3
Share of renewables in gross electricity consumption	%	64.7	23.5	12.8	7.0

<sup>1</sup> CO<sub>2</sub> from fuel combustion

<sup>2</sup> incl. autoproducers

<sup>3</sup> by main sector

<sup>4</sup> Italic = 2007

GDP / PRICES	Units	1980	1990	2000	2008
GDP per capita (at ppp)	\$05p/cap	3364	2945	3725	4104
Average electricity price (at ppp)	c05p/kWh	n.a.	9.1	5.1	n.a.
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	0.69	1.18