

# Namibia

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	n.a.	n.a.	0.134	0.154
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	n.a.	n.a.	0.110	0.135
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	n.a.	n.a.	0.125	0.147
Final energy intensity (at ppp)	koe/\$05p	n.a.	n.a.	0.130	0.144
Final energy intensity at 2005 GDP structure <sup>3</sup> (ppp)	koe/\$05p	n.a.	n.a.	0.127	0.148
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	n.a.	n.a.	0.088	0.104
Ratio final/primary intensity	%	n.a.	n.a.	97.7	94.4
CO <sub>2</sub> intensity (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	n.a.	0.241	0.315
CO <sub>2</sub> emissions per capita	tCO <sub>2</sub> /cap	n.a.	n.a.	0.94	1.54
<b>Industry</b>					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	n.a.	n.a.	0.033	0.056
Energy intensity of manufacturing (at ppp)	koe/\$05p	n.a.	n.a.	0.020	0.007
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	0	0	0	0
Share of electric process in steel production	%	0	0	0	0
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.	n.a.	0.100	0.101
CO <sub>2</sub> emissions of industry <sup>2</sup> per capita	tCO <sub>2</sub> /cap	n.a.	n.a.	0.09	0.12
<b>Transport</b>					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	n.a.	n.a.	0.052	0.062
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	0.93
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 <sub>2</sub> intensity of transport to GDP (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	n.a.	0.152	0.183
CO <sub>2</sub> emissions of transport per capita	tCO <sub>2</sub> /cap	n.a.	n.a.	0.60	0.89
<b>Households</b>					
Average electricity consumption of households per capita	kWh/cap	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.
Per capita installed capacity of solar water heaters	m <sup>2</sup> /1000inhab	0	0	0	4.4
CO <sub>2</sub> emissions of residential sector per household	tCO <sub>2</sub> /hh	n.a.	n.a.	n.a.	n.a.
<b>Services</b>					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	n.a.	n.a.	0.001	0.001
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.	0.01	0.01
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.	0.002	0.002
CO <sub>2</sub> emissions of service sector per employee	tCO <sub>2</sub> /emp	n.a.	n.a.	0.03	0.03
<b>Agriculture</b>					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	n.a.	n.a.	0.132	0.232
CO <sub>2</sub> intensity of agriculture (to value added) (at ppp)	kCO <sub>2</sub> /\$05p	n.a.	n.a.	0.404	0.713
CO <sub>2</sub> emissions of agriculture sector per capita	tCO <sub>2</sub> /cap	n.a.	n.a.	0.18	0.30
<b>Transformation sector</b>					
Efficiency of total electricity generation	%	n.a.	n.a.	98.8	74.2
Rate of electricity transmission-distribution losses	%	n.a.	n.a.	10.9	13.3
Efficiency of thermal power plants	%	n.a.	n.a.	23.1	22.3
Share of renewables in electricity generating capacity	%	63.4	63.4	63.4	63.4
Share of renewables in gross electricity consumption	%	n.a.	n.a.	99.6	90.0

<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	5028	3980	4528	5863
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	1.04	2.12