

Hong-Kong

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.068	0.069	0.066	0.049
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.067	0.068	0.065	0.049
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.050	0.052	0.069	0.055
Final energy intensity (at ppp)	koe/\$05p	0.042	0.040	0.045	0.026
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.031	0.032	0.041	0.028
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.037	0.036	0.048	0.039
Ratio final/primary intensity	%	63.2	60.0	69.8	56.6
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	0.240	0.189	0.146
CO2 emissions per capita	tCO2/cap	n.a.	5.37	5.63	5.95
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.045	0.045	0.069	0.090
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.061	0.066	0.167	0.238
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.	0.33	0	0
Share of electric process in steel production	%	n.a.	100	0	0
Share of industrial cogeneration in power generation	%	0	0	0	0
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$05p	n.a.	0.090	0.163	0.276
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0.54	0.63	0.75
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.012	0.011	0.018	0.005
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	1.39
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.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$05p	n.a.	0.034	0.056	0.015
CO2 emissions of transport per capita	tCO2/cap	n.a.	0.77	1.67	0.60
Households					
Average electricity consumption of households per capita	kWh/cap	462	927	1344	1475
Average electricity consumption of electrified households	kWh/hh	1853	3392	4396	4564
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	n.a.	n.a.	n.a.	n.a.
CO2 emissions of residential sector per household	tCO2/hh	n.a.	0.39	0.39	0.37
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.010	0.013	0.012	0.012
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	85	110	117	108
Unit consumption of services per employee	toe/emp	0.45	0.76	0.87	0.90
Unit electricity consumption of services per employee	kWh/emp	3734	6527	8333	8090
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.008	0.005	0.007
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0.50	0.39	0.52
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	n.a.	n.a.	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	n.a.	n.a.	n.a.
Transformation sector					
Efficiency of total electricity generation	%	39.0	44.4	43.3	39.1
Rate of electricity transmission-distribution losses	%	12.9	13.9	11.2	11.7
Efficiency of thermal power plants	%	39.0	44.4	43.3	39.1
Share of renewables in electricity generating capacity	%	0	0	0	0
Share of renewables in gross electricity consumption	%	0	0	0	0

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	13945	23697	29785	40599
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.	1.31	1.11	1.71