

Croatia

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	2007
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	n.a.	0.167	0.169	0.145
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	n.a.	0.161	0.161	0.139
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	n.a.	0.123	0.157	0.139
Final energy intensity (at ppp)	koe/\$05p	n.a.	0.106	0.117	0.104
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	n.a.	0.091	0.116	0.104
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	n.a.	0.087	0.112	0.099
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.390	0.384	0.345
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	4.39	3.93	4.98
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	n.a.	0.094	0.105	0.088
Energy intensity of manufacturing (at ppp)	koe/\$05p	n.a.	0.124	0.140	0.116
Unit consumption of steel	toe/t	n.a.	1.07	0.71	0.61
CO ₂ intensity of industry ² (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.239	0.303	0.246
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	1.14	0.89	1.04
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	n.a.	0.027	0.034	0.035
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	3.11	2.48	n.a.
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.071	0.097	0.100
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	0.80	0.99	1.44
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$05p	n.a.	0.041	0.063	0.050
Average electricity consumption of households per capita	kWh/cap	n.a.	934	1272	1482
Average electricity consumption per household	kWh/hh	n.a.	2987	4043	4532
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/\$05p	n.a.	0.017	0.022	0.022
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$05p	n.a.	89	126	148
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0.42	0.64
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	2392	4279
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	n.a.	0.083	0.081	0.063
CO ₂ intensity of households (to private consumption) (at ppp)	kCO ₂ /\$05p	n.a.	0.049	0.072	0.058
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	1.09	1.36	1.48
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.026	0.029	0.022
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	n.a.	0.54	0.63
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.245	0.240	0.185
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.27	0.19	0.15
Transformation sector					
Overall efficiency of energy transformations	%	n.a.	70.7	76.7	77.6
Efficiency of total electricity generation	%	n.a.	45.8	50.6	45.9
Rate of electricity transmission-distribution losses	%	n.a.	17.6	19.2	15.8
Efficiency of thermal power plants	%	n.a.	33.2	31.3	35.1
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	%	n.a.	n.a.	n.a.	n.a.
Share of biomass in industry energy consumption	%	n.a.	0	3.8	3.9
Share of renewables in electricity generating capacity	%	n.a.	n.a.	52.8	53.2
Share of renewables in gross electricity consumption	%	n.a.	24.0	40.3	24.4

¹ CO₂ from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2007
GDP per capita (at ppp)	\$05p/cap	12104	11260	10242	14431
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.	1.67	n.a.