

# Croatia

Energy Efficiency/CO2 <sup>1</sup> Indicators	Units	1980	1992	2000	2005
<b>Key indicators</b>					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	n.a.	0,219	0,207	0,191
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	n.a.	0,210	0,197	0,183
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	n.a.	0,174	0,194	0,180
Final energy intensity (at ppp)	koe/\$95p	n.a.	0,134	0,143	0,135
Final energy intensity at 1995 GDP structure <sup>3</sup> (ppp)	koe/\$95p	n.a.	0,128	0,145	0,136
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	n.a.	0,124	0,139	0,130
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,507	0,470	0,445
CO2 emissions per capita	tCO2/cap	n.a.	3,48	4,05	4,70
<b>Industry</b>					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	n.a.	0,151	0,132	0,125
Energy intensity of manufacturing (at ppp)	koe/\$95p	n.a.	0,189	0,169	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	n.a.	0,416	n.a.	n.a.
Unit consumption of steel	toe/t	n.a.	1,60	0,71	0,50
CO2 intensity of industry <sup>2</sup> (to value added) (at ppp)	kCO2/\$95p	n.a.	0,442	0,372	0,364
CO2 emissions of industry <sup>2</sup> per capita	tCO2/cap	n.a.	0,91	0,90	1,10
<b>Transport</b>					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	n.a.	0,032	0,042	0,038
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.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$95p	n.a.	0,092	0,118	0,109
CO2 emissions of transport per capita	tCO2/cap	n.a.	0,63	1,02	1,15
<b>Residential, service and agriculture sectors</b>					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	n.a.	0,061	0,072	0,066
Average electricity consumption of households per capita	kWh/cap	n.a.	906	1308	1468
Average electricity consumption per household	kWh/hh	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.
Energy intensity of service sector (to value added) (at ppp)	koe/\$95p	n.a.	0,022	0,028	0,031
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	n.a.	128	159	186
Unit consumption of services per employee	toe/emp	n.a.	n.a.	0,40	n.a.
Unit electricity consumption of services per employee	kWh/emp	n.a.	n.a.	2284	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	n.a.	0,065	0,101	0,085
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,067	0,083	0,083
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	n.a.	n.a.
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	0,026	0,036	0,037
CO2 emissions of service sector per employee	tCO2/emp	n.a.	n.a.	0,52	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	0,187	0,301	0,238
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,14	0,20	0,16
<b>Transformation sector</b>					
Overall efficiency of energy transformations	%	n.a.	72,3	76,7	78,6
Efficiency of total electricity generation	%	n.a.	45,3	51,1	54,1
Rate of electricity transmission-distribution losses	%	n.a.	16,7	19,2	16,2
Efficiency of thermal power plants	%	n.a.	29,8	31,7	35,0
<b>Diffusion of energy/CO2 efficient technologies and practices</b>					
Per capita installed capacity of solar water heaters	m <sup>2</sup> /1000inhab	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	n.a.	0	0	0
Share of biomass in industry energy consumption	%	n.a.	0	3,8	3,8
Share of renewables in electricity generating capacity	%	n.a.	59,0	54,0	53,7
Share of renewables in gross electricity consumption	%	n.a.	37,2	40,3	40,5

<sup>1</sup> CO2 from fuel combustion

<sup>2</sup> incl. autoproducers

<sup>3</sup> by main sector

GDP / PRICES	units	1980	1990	2000	2005
GDP per capita (at ppp)	\$95p/cap	9915	6872	8626	10549
Average electricity price (at ppp)	c95p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$95p/l	n.a.	n.a.	n.a.	n.a.