

Ireland

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2005
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$95p	0,242	0,206	0,142	0,121
Primary energy intensity excluding traditional fuels (ppp)	koe/\$95p	0,242	0,204	0,141	0,119
Primary energy intensity adjusted to EU structure (ppp)	koe/\$95p	0,259	0,331	0,358	0,363
Final energy intensity (at ppp)	koe/\$95p	0,181	0,140	0,106	0,093
Final energy intensity at 1995 GDP structure ³ (ppp)	koe/\$95p	0,098	0,078	0,068	0,065
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$95p	0,192	0,236	0,256	0,262
CO2 intensity (at ppp)	kCO2/\$95p	n.a.	0,591	0,410	0,332
CO2 emissions per capita	tCO2/cap	n.a.	8,52	10,88	10,47
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
Energy intensity of manufacturing (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
Energy intensity of chemicals industry (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
Unit consumption of steel	toe/t	10,57	0,22	0,15	n.a.
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	1,39	1,45	1,15
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$95p	0,050	0,040	0,041	0,038
Average consumption of road transport per equivalent car	toe/car equiv.	2,03	1,11	1,49	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.	0,098	0,103	0,096
CO2 emissions of transport per capita	tCO2/cap	n.a.	1,41	2,73	3,03
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$95p	0,090	0,071	0,051	0,050
Average electricity consumption of households per capita	kWh/cap	1057	1181	1672	1846
Average electricity consumption per household	kWh/hh	4045	4097	5194	5692
Average electricity consumption of electrified households	kWh/hh	4045	4097	5194	5692
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.	n.a.	n.a.	n.a.
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$95p	n.a.	n.a.	n.a.	n.a.
Unit consumption of services per employee	toe/emp	0,93	1,34	1,49	n.a.
Unit electricity consumption of services per employee	kWh/emp	2905	3810	5425	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$95p	n.a.	n.a.	n.a.	n.a.
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$95p	n.a.	0,207	0,117	0,113
CO2 emissions of residential sector per household	tCO2/hh	n.a.	6,01	4,67	4,84
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of service sector per employee	tCO2/emp	n.a.	3,06	2,95	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$95p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	0,19	0,22	0,20
Transformation sector					
Overall efficiency of energy transformations	%	77,2	73,8	77,9	78,8
Efficiency of total electricity generation	%	36,2	38,8	40,9	44,3
Rate of electricity transmission-distribution losses	%	10,1	8,8	8,4	8,7
Efficiency of thermal power plants	%	33,7	37,2	39,5	42,2
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	0	0	0,4	2,4
Share of biofuels in road transport energy consumption	%	0	0	0	0
Share of biomass in industry energy consumption	%	0	3,6	4,4	6,5
Share of renewables in electricity generating capacity	%	16,7	13,7	14,2	16,9
Share of renewables in gross electricity consumption	%	10,6	6,8	5,8	7,4

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2005
GDP per capita (at ppp)	\$95p/cap	10422	14430	26551	31567
Average electricity price (at ppp)	c95p/kWh	9,6	10,5	7,9	10,1
Average price of motor fuels (at ppp)	\$95p/l	0,93	1,03	0,86	0,87