

Austria

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.142	0.122	0.109	0.109
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.135	0.109	0.097	0.094
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.148	0.130	0.120	0.116
Final energy intensity (at ppp)	koe/\$05p	0.109	0.092	0.086	0.085
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.105	0.090	0.086	0.085
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.109	0.091	0.085	0.082
Ratio final/primary intensity	%	83.3	81.7	84.7	83.4
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.272	0.231	0.224
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	7.15	7.51	8.12
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.121	0.105	0.093	0.096
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.190	0.151	0.133	0.135
Energy intensity of chemicals industry (at ppp)	koe/\$05p	0.329	0.266	0.263	0.200
Unit consumption of steel	toe/t	0.43	0.31	0.29	0.25
Share of electric process in steel production	%	0	8.6	9.5	9.5
Share of industrial cogeneration in power generation	%	0.8	6.0	5.1	7.8
CO ₂ intensity of industry ² (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.233	0.188	0.186
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	1.64	1.69	1.97
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.025	0.023	0.024	0.027
Average consumption of road transport per equivalent car	toe/car equiv.	1.24	1.10	1.11	1.26
Unit consumption of goods per ton km	toe/tkm	0.06	0.06	0.05	0.04
Share of biofuels in road transport energy consumption	%	0	0.1	0.3	4.2
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.066	0.069	0.077
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	1.73	2.26	2.77
Households					
Average electricity consumption of households per capita	kWh/cap	1161	1540	1772	1703
Average electricity consumption of electrified households	kWh/hh	3284	4078	4352	3996
Households consumption for electrical appliances and lighting	kWh/hh	2616	2044	2355	2754
Per capita installed capacity of solar water heaters	m ² /1000inhab	0	56.3	219.5	464.9
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	3.31	2.86	2.13
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.020	0.014	0.016	0.014
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	72	75	81	61
Unit consumption of services per employee	toe/emp	1.26	0.92	1.03	0.90
Unit electricity consumption of services per employee	kWh/emp	4413	4888	5369	3964
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.014	0.013	0.010
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	0.94	0.86	0.68
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.229	0.134	0.114	0.114
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.282	0.205	0.174
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.16	0.13	0.10
Transformation sector					
Efficiency of total electricity generation	%	70.4	64.1	68.0	62.8
Rate of electricity transmission-distribution losses	%	9.4	8.1	7.1	7.7
Efficiency of thermal power plants	%	42.2	38.7	38.3	37.6
Share of renewables in electricity generating capacity	%	63.5	66.1	67.3	69.6
Share of renewables in gross electricity consumption	%	70.1	67.0	73.6	70.5

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	21188	25963	32149	36051
Average electricity price (at ppp)	c05p/kWh	14.8	13.3	9.7	13.8
Average price of motor fuels (at ppp)	\$05p/l	1.38	1.09	1.06	1.32