

Germany

General data	Unit	2010
Population	million	81.8
GDP	bn €	2,498.8

Coal resources and reserves	Unit	2010
Resources hard coal	Mt	82,961
Resources lignite	Mt	77,000
Reserves hard coal	Mt	2,500
Reserves lignite	Mt	40,500

Primary energy production		
Total primary energy production	Mtce	137.3
Hard coal (saleable output)	Mt or Mtce	12.9 or 13.2
Lignite (saleable output)	Mt or Mtce	169.4 or 52.3

Saleable coal quality		
Hard coal calorific value	kJ/kg NCV	21,000 - 32,000
Lignite calorific value	kJ/kg NCV	7,800 - 11,500
Hard coal ash content	% a.r.	3.3 - 21.0
Lignite ash content	% a.r.	2 - 20
Hard coal moisture content	% a.r.	2.5 - 13.0
Lignite moisture content	% a.r.	40 - 60
Hard coal sulphur content	% a.r.	0.45 - 1.8
Lignite sulphur content	% a.r.	0.15 - 3.5

Coal imports/exports		
Hard coal imports	Mt	45.1
Hard coal exports	Mt	0.3

Primary energy consumption		
Total primary energy consumption	Mtce	480.0
Hard coal consumption	Mtce	57.8
Lignite consumption	Mtce	51.5

Power supply		
Total net power generation	TWh	583.5
Net power imports/(exports)	TWh	-17.0
Total power consumption	TWh	566.5
Power generation from hard coal	TWh	116.0
Power generation from lignite	TWh	147.0
Capacity of coal-fired generation	GW	27.867
Capacity of lignite-fired generation	GW	22.000

Employment		
Direct in hard coal mining	thousand	24.200
Direct in lignite mining	thousand	16.700
Other hard coal-related *	thousand	31.500
Other lignite-related *	thousand	6.000

* e.g. in power generation, equipment supply, services and R&D