

Romania

General data	Unit	2010
Population	million	21.5
GDP	bn €	122.0

Coal resources and reserves	Unit	2010
Resources hard coal	Mt	650
Resources lignite	Mt	3,500
Reserves hard coal	Mt	252
Reserves lignite	Mt	1,490

Primary energy production		
Total primary energy production	Mtce	23.2
Hard coal (saleable output)	Mt or Mtce	2.2 or 0.8
Lignite (saleable output)	Mt or Mtce	27.0 or 7.2

Saleable coal quality		
Hard coal calorific value	kJ/kg NCV	14,200 - 15,900
Lignite calorific value	kJ/kg NCV	7,200 - 8,200
Hard coal ash content	% a.r.	37 - 44
Lignite ash content	% a.r.	30 - 36
Hard coal moisture content	% a.r.	5.0 - 7.4
Lignite moisture content	% a.r.	40 - 43
Hard coal sulphur content	% a.r.	0.5 - 1.8
Lignite sulphur content	% a.r.	1.0 - 1.5

Coal imports/exports		
Hard coal imports	Mt	1.0

Primary energy consumption		
Total primary energy consumption	Mtce	48.7
Hard coal consumption	Mtce	1.3
Lignite consumption	Mtce	7.2

Power supply		
Total net power generation	TWh	59.8
Net power imports/(exports)	TWh	0.8
Total power consumption	TWh	60.5
Power generation from hard coal	TWh	4.5
Power generation from lignite	TWh	23.5
Capacity of coal-fired generation	MW	1,400
Capacity of lignite-fired generation	MW	4,500

Employment		
Direct in hard coal mining	thousand	8.746
Direct in lignite mining	thousand	13.460
Other hard coal-related *	thousand	1.800
Other lignite-related *	thousand	5.600

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