

Turkey

General data	Unit	2010
Population	million	72.6
GDP	bn €	552.6

Coal resources and reserves	Unit	2010
Resources hard coal	Mt	1,335
Resources lignite	Mt	11,445
Reserves hard coal	Mt	534
Reserves lignite (proven)	Mt	9,837

Primary energy production		
Total primary energy production	Mtce	43.3
Hard coal (saleable output)	Mt or Mtce	2.8 or 1.8
Lignite (saleable output)	Mt or Mtce	69.0 or 20.7

Saleable coal quality		
Hard coal calorific value	kJ/kg NCV	26,000 - 30,000
Lignite calorific value	kJ/kg NCV	8,665
Hard coal ash content	% a.r.	10.0 - 15.0
Lignite ash content	% a.r.	11.0 - 46.0
Hard coal moisture content	% a.r.	4.0 - 14.0
Lignite moisture content	% a.r.	6.0 - 55.0
Hard coal sulphur content	% a.r.	0.8 - 1.0
Lignite sulphur content	% a.r.	0.2 - 5.0

Coal Imports / Exports		
Hard coal imports	Mt	26.9

Primary energy consumption		
Total primary energy consumption	Mtce	149.7
Hard coal consumption	Mtce	27.6
Lignite consumption	Mtce	20.1

Power supply		
Total net power generation	TWh	202.0
Net power imports/(exports)	TWh	-0.8
Total power consumption	TWh	201.0
Power generation from hard coal	TWh	19.1
Power generation from lignite	TWh	35.9
Capacity of coal-fired generation	MW	2,281
Capacity of lignite-fired generation	MW	8,334

Employment		
Direct in hard coal mining	thousand	18.500
Direct in lignite mining	thousand	37.000