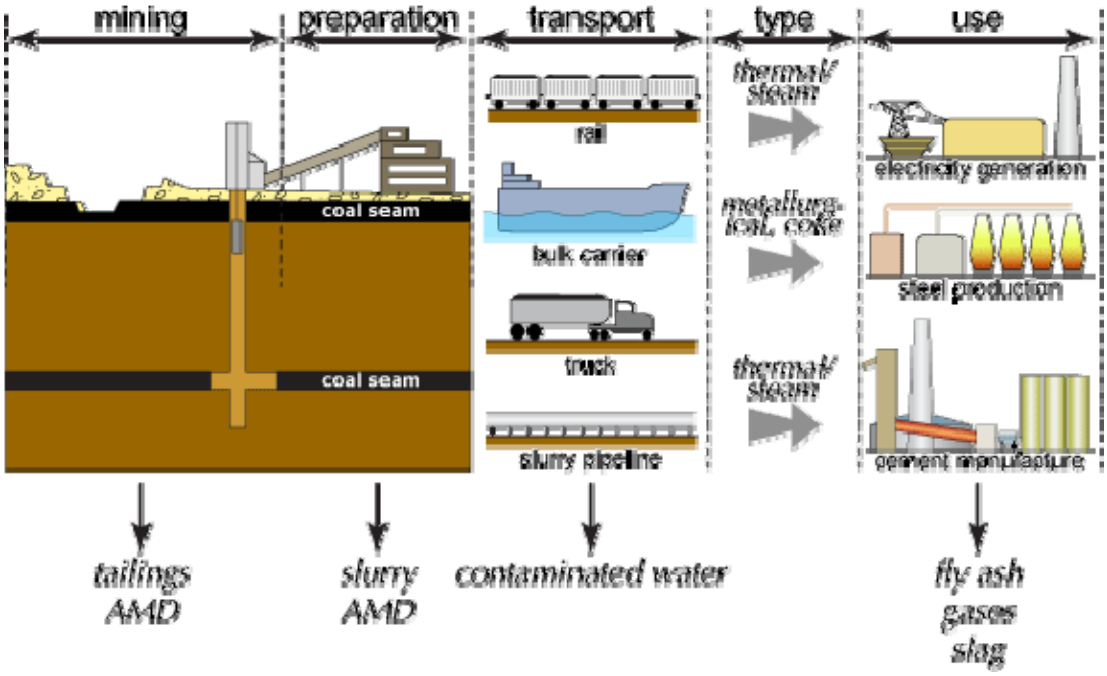
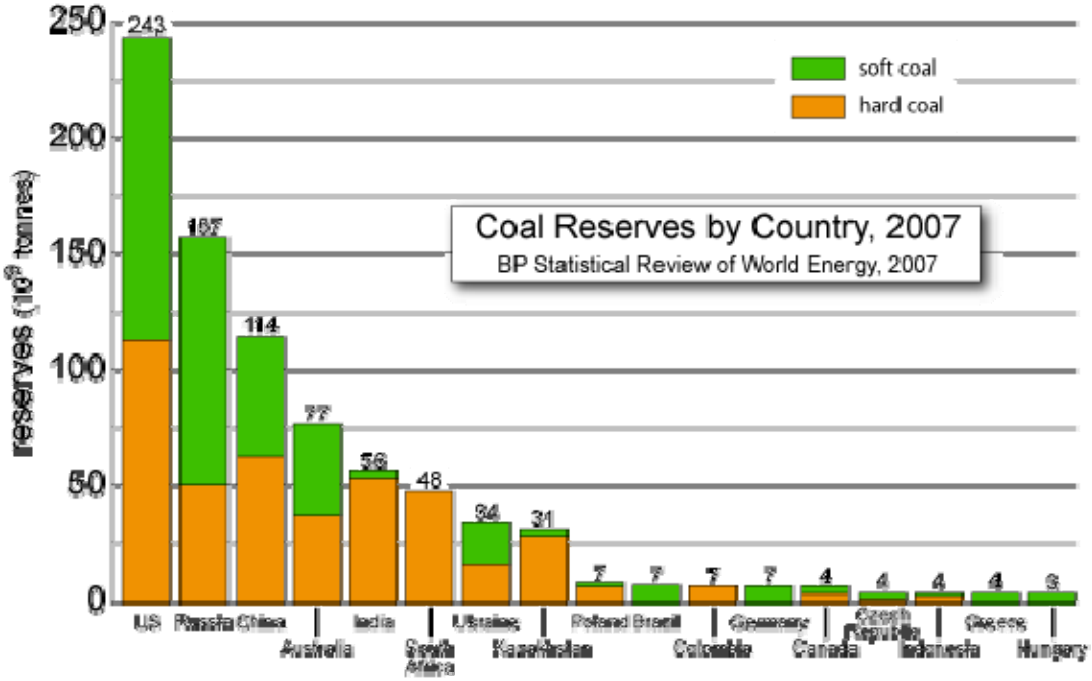
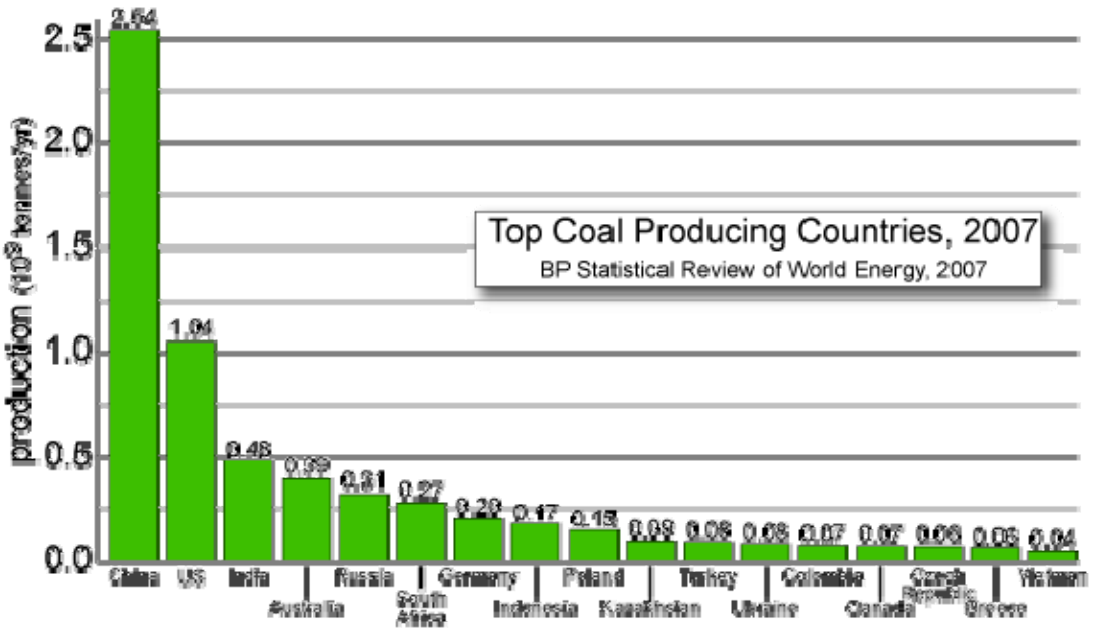
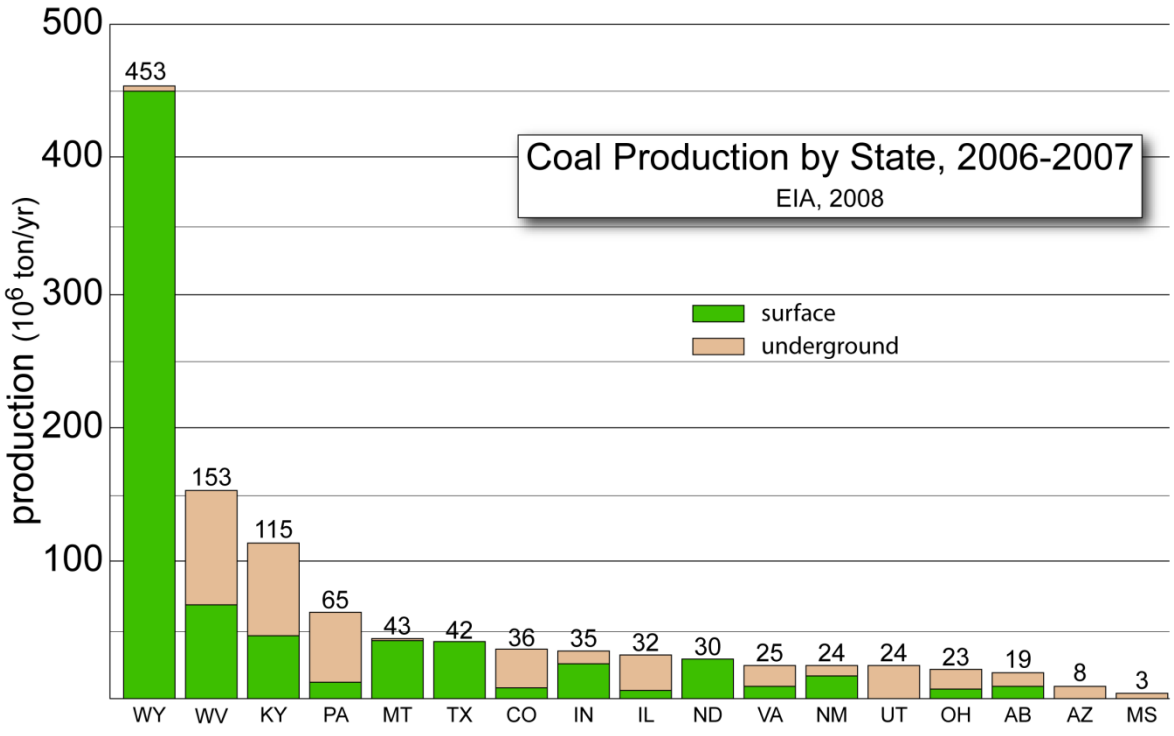
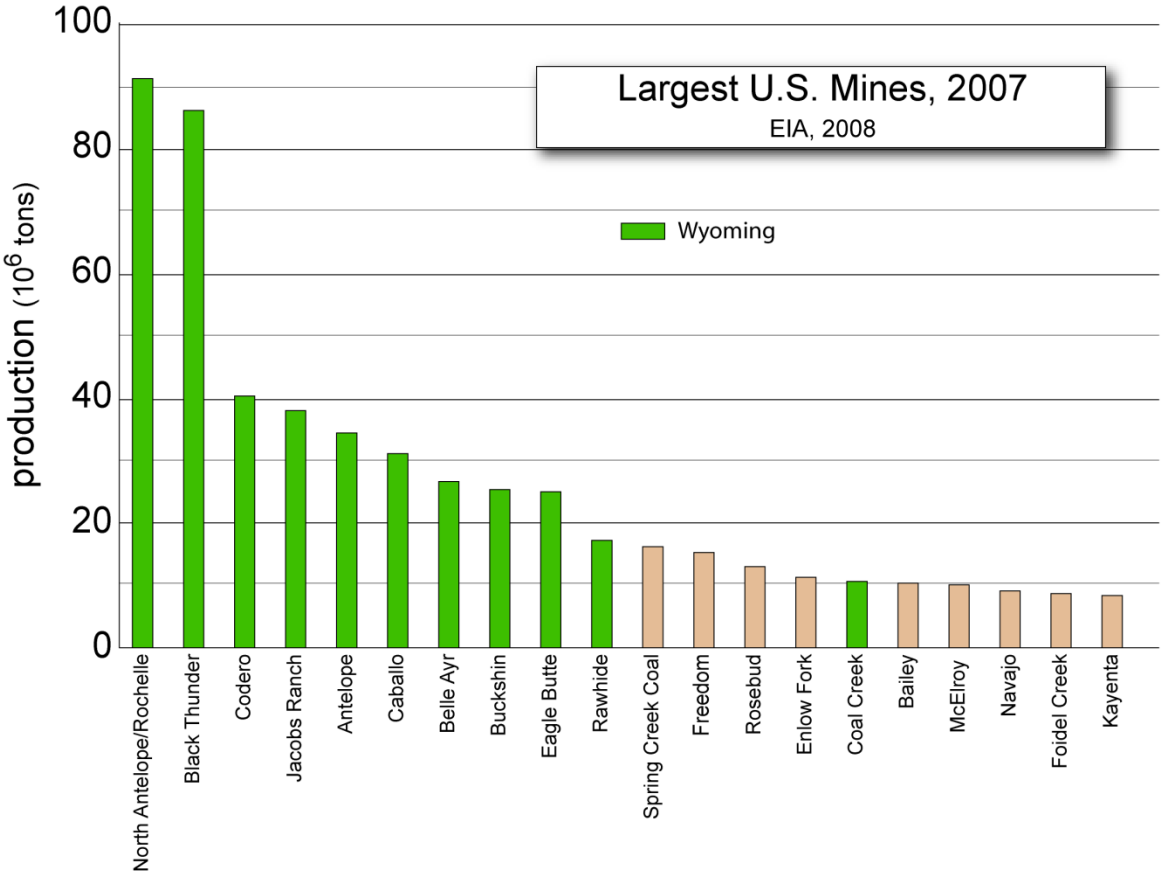

mining
preparation
transport
type
use
coal seam
coal seam
rail
bulk carrier
truck
slurry pipeline
thermal/ steam
metallurgi- cal, coke
thermal/ steam
electricity generation
steel production
cement manufacture
tailings AMD
slurry AMD
contaminated water
fly ash gases slag


Coal Reserves by Country, 2007
BP Statistical Review of World Energy, 2007
soft coal
hard coal
reserves (10^9 tonnes)
250
200
150
100
50
0
243
167
114
77
56
48
34
31
7
7
7
7
4
4
4
4
3
US
Russia
China
Australia
India
South Africa
Ukraine
Kazakhstan
Poland
Brazil
Colombia
Germany
Canada
Czech Republic
Indonesia
Greece
Hungary


Top Coal Producing Countries, 2007
BP Statistical Review of World Energy, 2007
production (10^9 tonnes/yr)
2.5
2.0
1.5
1.0
0.5
0.0
2.54
1.04
0.48
0.39
0.31
0.27
0.20
0.17
0.13
0.09
0.08
0.08
0.07
0.07
0.06
0.05
0.04
China
US
India
Australia
Russia
South Africa
Germany
Indonesia
Poland
Kazakhstan
Turkey
Ukraine
Colombia
Canada
Czech Republic
Greece
Vietnam


Coal Production by State, 2006-2007
EIA, 2008
production (10^6 ton/yr)
500
400
300
200
100
surface
underground
453
153
115
65
43
42
36
35
32
30
25
24
24
23
19
8
3
WY
WV
KY
PA
MT
TX
CO
IN
IL
ND
VA
NM
UT
OH
AB
AZ
MS


Largest U.S. Mines, 2007
EIA, 2008
Wyoming
production (10^6 tons)
100
80
60
40
20
0
North Antelope/Rochelle
Black Thunder
Codero
Jacobs Ranch
Antelope
Caballo
Belle Ayr
Buckshin
Eagle Butte
Rawhide
Spring Creek Coal
Freedom
Rosebud
Enlow Fork
Coal Creek
Bailey
McElroy
Navajo
Foidel Creek
Kayenta