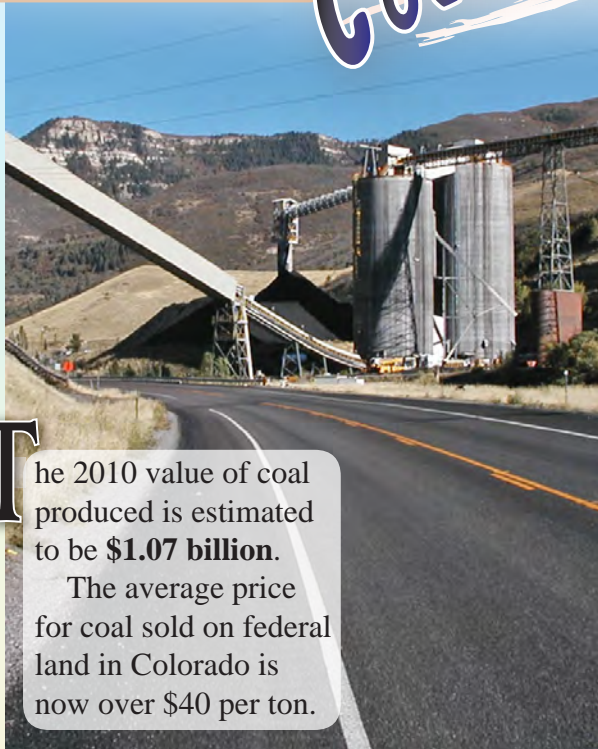


# 2010

# COLORADO

# COAL FACT SHEET



The 2010 value of coal produced is estimated to be **\$1.07 billion**.  
The average price for coal sold on federal land in Colorado is now over \$40 per ton.

West Elk Mine loadout in Gunnison County.

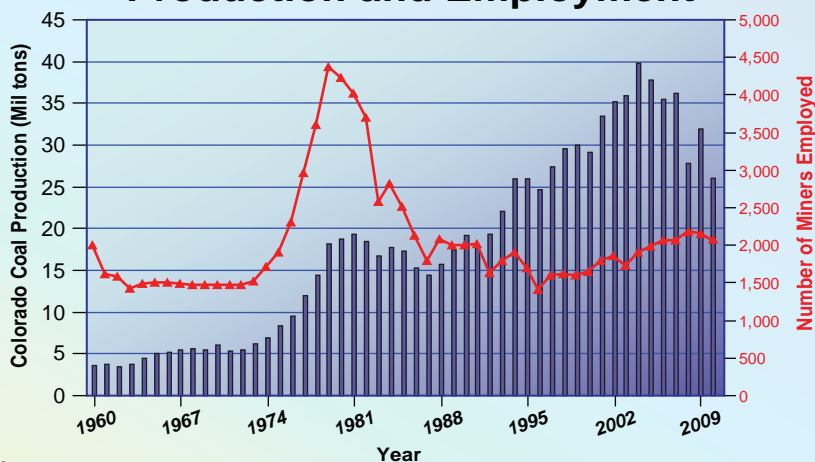
Colorado is ranked 11th in U.S. coal production.

10 Colorado coal mines produced 25,205,411 short tons of coal in 2010, the lowest production year since 1996.

Top coal-producing county in 2010 was Routt County with 7.73 million short tons (4th consecutive year).

In November 2010 King II Mine (La Plata Co.) set a new monthly coal production record of 64,828 tons.

## Production and Employment



## EMPLOYMENT

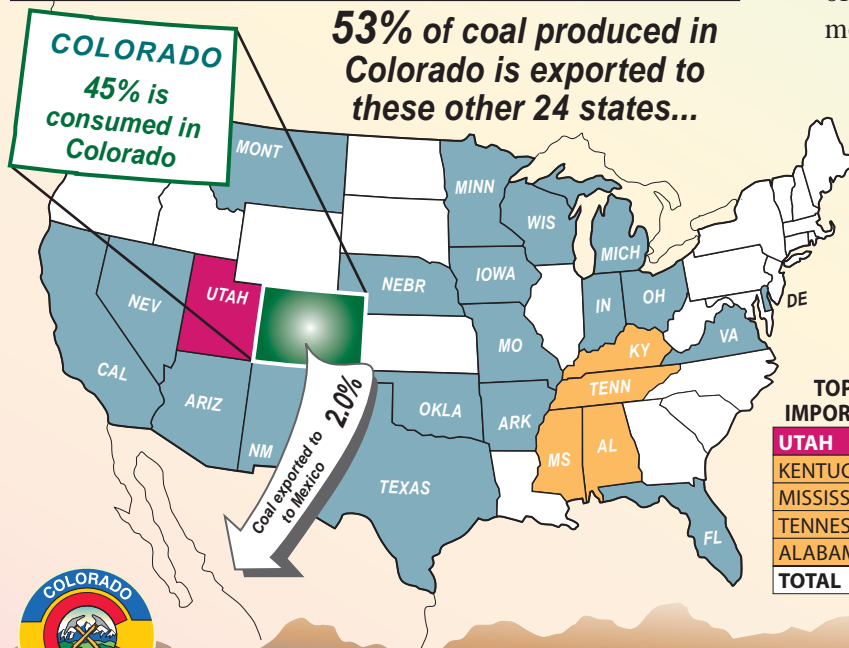
Colorado coal mines employ 2,041 coal miners: A 5% decrease from last year

Colorado coal miners are 20% more productive (per miner-hour) than the national average.

## Distribution and consumption

- 55% of Colorado's coal is shipped by rail and truck to 24 other U.S. states and Mexico.
- 13 Colorado power plants annually consume 20 million tons of coal generating 34.2 million megawatt-hours of electricity. Most of this coal is from Colorado, but more is imported from Wyoming and Montana.

## COLORADO COAL DISTRIBUTION



## Uses of coal

- Steam Coal: Electricity generation in power plants
- Cement and steel-making processes
- Coalbed methane, coal gasification, and CTL (coal to liquid fuels)

TOP 5 IMPORTERS	Million short tons
UTAH	2.97
KENTUCKY	1.76
MISSISSIPPI	1.66
TENNESSEE	1.21
ALABAMA	0.91
<b>TOTAL</b>	<b>8.51</b>

## 2010 Colorado mine production:

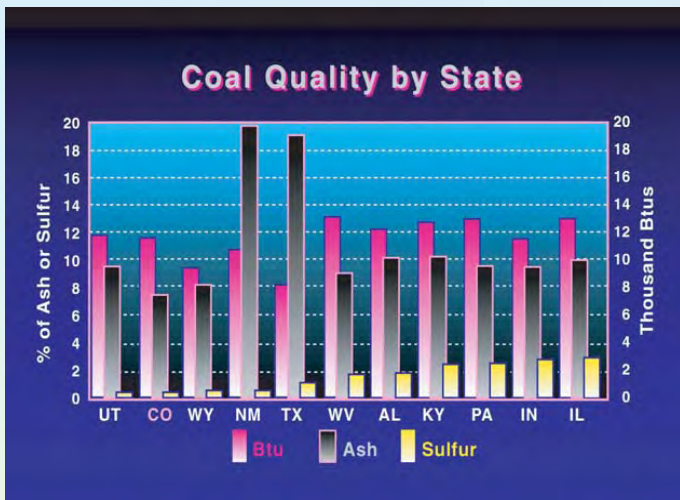
Surface = 5,077,605 tons

Underground = 20,127,807 tons



# COLORADO GEOLOGICAL SURVEY

# COLORADO COAL QUALITY



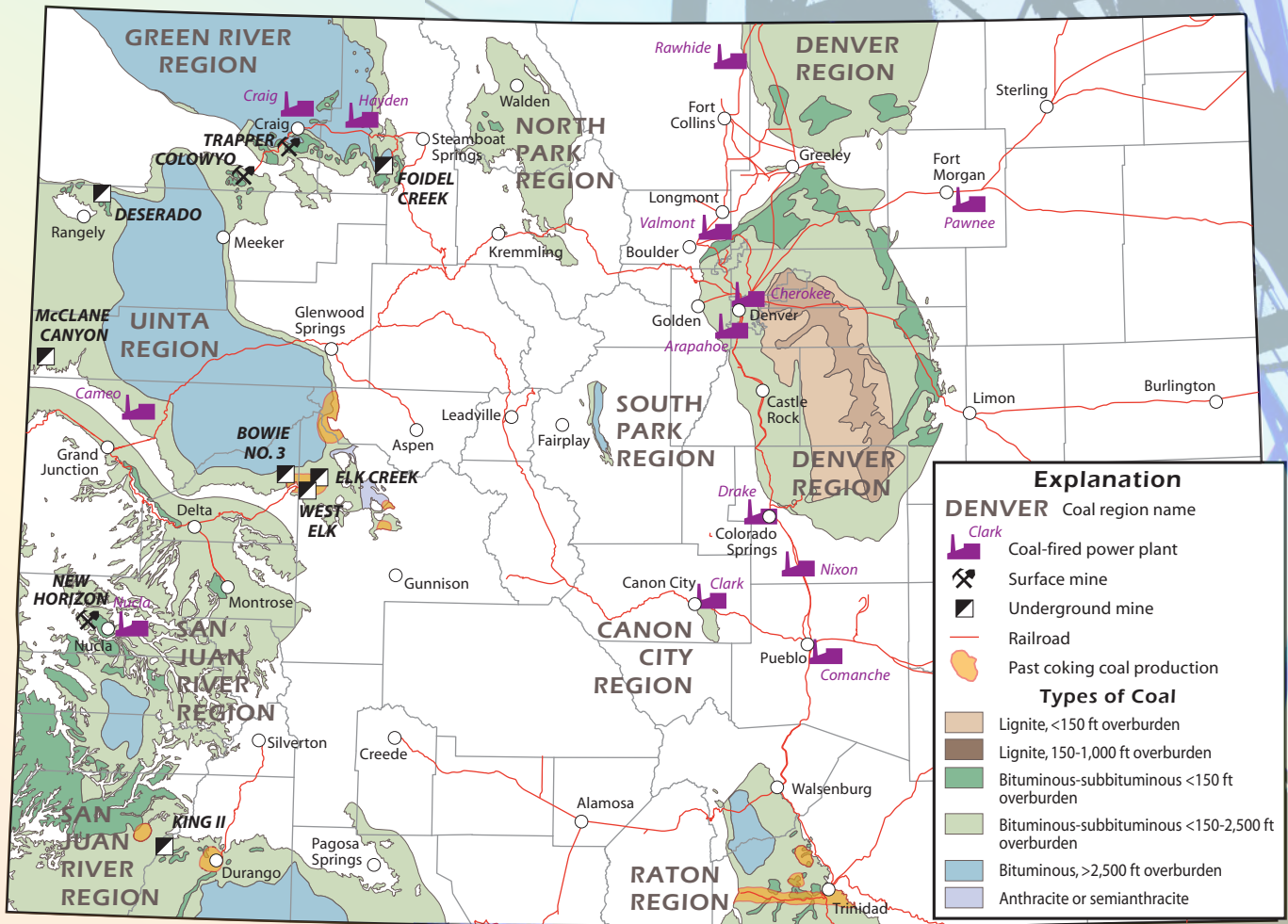
Run-of-Mine coal produced in **Colorado** in 2010 averaged 0.53 % Sulfur, 10.41 % Ash, and 11,524 Btu/lb (as received)

Colorado's "clean coal" is blended at higher-sulfur coal-fired power plants for environmental compliance

Colorado coal is also very low in mercury and arsenic

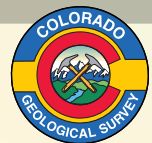
Western U.S. coal contains four times less sulfur than eastern coal

## Coal Mines, Coal Rank, and Power Plants



### For more information on coal resources and coal mining visit:

- Colorado Geological Survey Mineral and Energy Resources, <http://geosurvey.state.co.us/Default.aspx?tabid=61>
- U.S. Geological Survey Energy Resources Program <http://energy.usgs.gov/coal.html>
- Colorado Division of Mining Reclamation and Safety, <http://mining.state.co.us/>



Colorado Geological Survey  
1313 Sherman St., Rm. 715  
Denver, CO 80203  
(303) 866-2611  
<http://geosurvey.state.co.us>