

Table A15. Coal supply, disposition, and prices
(million short tons, unless otherwise noted)

Supply, disposition, and prices	Reference case							Annual growth 2012-2040 (percent)
	2011	2012	2020	2025	2030	2035	2040	
Production¹								
Appalachia.....	337	293	261	259	253	253	247	-0.6%
Interior	171	180	228	244	266	279	289	1.7%
West	588	543	587	611	607	594	584	0.3%
East of the Mississippi	456	423	438	446	459	471	475	0.4%
West of the Mississippi	639	593	639	668	668	655	645	0.3%
Total	1,096	1,016	1,077	1,114	1,127	1,126	1,121	0.3%
Waste coal supplied².....	13	11	14	14	15	17	19	1.9%
Net imports								
Imports ³	11	8	2	2	1	2	1	-6.6%
Exports	107	126	128	136	148	160	161	0.9%
Total	-96	-118	-126	-135	-147	-158	-160	1.1%
Total supply⁴.....	1,013	909	965	993	995	985	979	0.3%
Consumption by sector								
Commercial and institutional.....	3	2	2	2	2	2	2	-0.1%
Coke plants.....	21	21	22	22	21	19	18	-0.5%
Other industrial ⁵	46	43	49	49	49	49	50	0.5%
Coal-to-liquids heat and power	0	0	0	0	0	0	0	--
Coal to liquids production	0	0	0	0	0	0	0	--
Electric power ⁶	932	825	892	919	923	915	909	0.3%
Total	1,003	891	965	993	995	985	979	0.3%
Discrepancy and stock change⁷.....	10	19	0	0	0	0	0	--
Average minemouth price⁸								
(2012 dollars per short ton).....	41.74	39.94	46.52	49.67	53.15	56.37	59.16	1.4%
(2012 dollars per million Btu).....	2.07	1.98	2.33	2.49	2.67	2.82	2.96	1.4%
Delivered prices⁹								
(2012 dollars per short ton)								
Commercial and institutional.....	93.58	90.76	95.19	97.75	101.39	104.53	108.37	0.6%
Coke plants.....	187.72	190.55	221.01	234.75	249.43	260.42	267.23	1.2%
Other industrial ⁵	71.87	70.32	76.39	79.29	82.64	85.75	89.22	0.9%
Coal to liquids.....	--	--	--	--	--	--	--	--
Electric power ⁶								
(2012 dollars per short ton).....	47.06	46.13	49.63	52.56	55.32	57.76	60.61	1.0%
(2012 dollars per million Btu).....	2.42	2.39	2.61	2.77	2.93	3.05	3.19	1.0%
Average.....	51.36	50.85	54.99	58.06	60.85	63.22	65.97	0.9%
Exports ¹⁰	151.51	118.43	136.76	142.74	145.97	148.56	150.13	0.9%

Table A15. Coal supply, disposition, and prices (continued)
(million short tons, unless otherwise noted)

Supply, disposition, and prices	Reference case							Annual growth 2012-2040 (percent)
	2011	2012	2020	2025	2030	2035	2040	
Average minemouth price⁸								
(nominal dollars per short ton)	41.01	39.94	52.69	61.18	71.55	83.96	98.08	3.3%
(nominal dollars per million Btu).....	2.04	1.98	2.63	3.07	3.59	4.21	4.91	3.3%
Delivered prices⁹								
(nominal dollars per short ton)								
Commercial and institutional.....	91.94	90.76	107.81	120.40	136.49	155.69	179.68	2.5%
Coke plants.....	184.44	190.55	250.32	289.16	335.77	387.86	443.06	3.1%
Other industrial ⁵	70.61	70.32	86.52	97.66	111.25	127.72	147.92	2.7%
Coal to liquids.....	--	--	--	--	--	--	--	--
Electric power ⁶								
(nominal dollars per short ton)	46.24	46.13	56.21	64.74	74.47	86.03	100.48	2.8%
(nominal dollars per million Btu).....	2.38	2.39	2.96	3.42	3.94	4.54	5.29	2.9%
Average.....	50.46	50.85	62.28	71.52	81.91	94.16	109.37	2.8%
Exports ¹⁰	148.86	118.43	154.90	175.82	196.51	221.27	248.92	2.7%

¹Includes anthracite, bituminous coal, subbituminous coal, and lignite.

²Includes waste coal consumed by the electric power and industrial sectors. Waste coal supplied is counted as a supply-side item to balance the same amount of waste coal included in the consumption data.

³Excludes imports to Puerto Rico and the U.S. Virgin Islands.

⁴Production plus waste coal supplied plus net imports.

⁵Includes consumption for combined heat and power plants that have a non-regulatory status, and small on-site generating systems. Excludes all coal use in the coal-to-liquids process.

⁶Includes all electricity-only and combined heat and power plants that have a regulatory status.

⁷Balancing item: the sum of production, net imports, and waste coal supplied minus total consumption.

⁸Includes reported prices for both open market and captive mines. Prices weighted by production, which differs from average minemouth prices published in EIA data reports where it is weighted by reported sales.

⁹Prices weighted by consumption; weighted average excludes residential and commercial prices, and export free-alongside-ship prices.

¹⁰Free-alongside-ship price at U.S. port of exit.

-- = Not applicable.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 2011 and 2012 are model results and may differ from official EIA data reports.

Sources: 2011 and 2012 data based on: U.S. Energy Information Administration (EIA), *Annual Coal Report 2012*, DOE/EIA-0584(2012) (Washington, DC, December 2013); EIA, *Quarterly Coal Report, October-December 2012*, DOE/EIA-0121(2012/4Q) (Washington, DC, March 2013); and EIA, AEO2014 National Energy Modeling System run REF2014.D102413A. Projections: EIA, AEO2014 National Energy Modeling System run REF2014.D102413A.