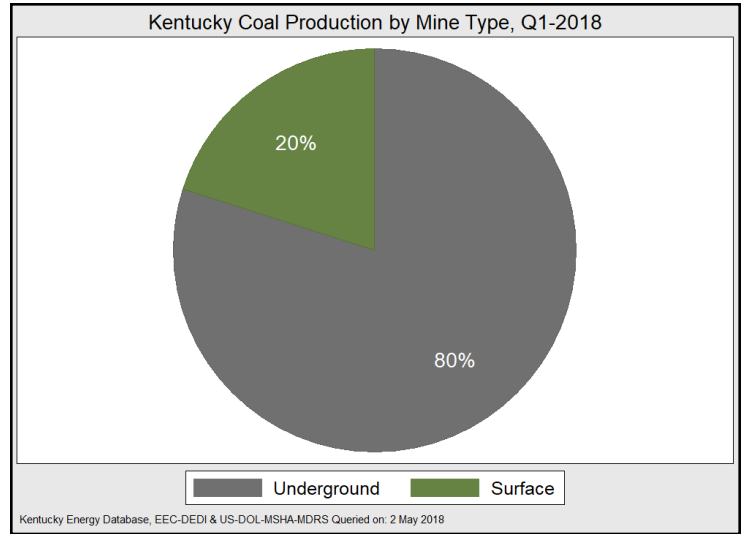
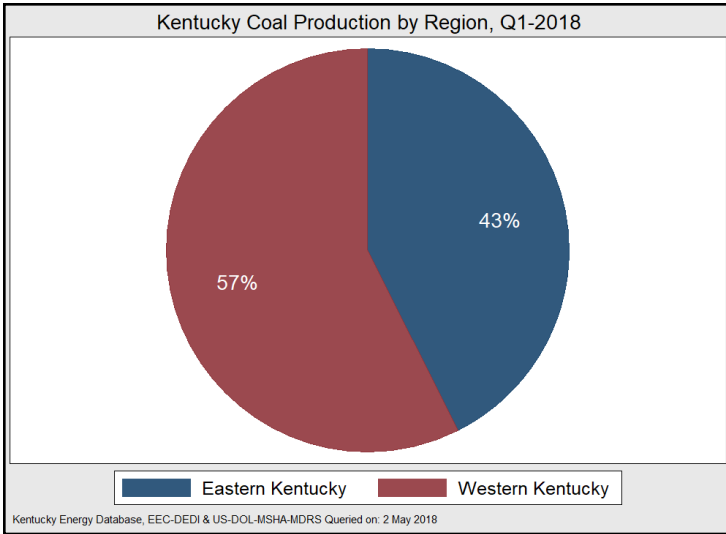


Kentucky Quarterly Coal Report

January to March 2018

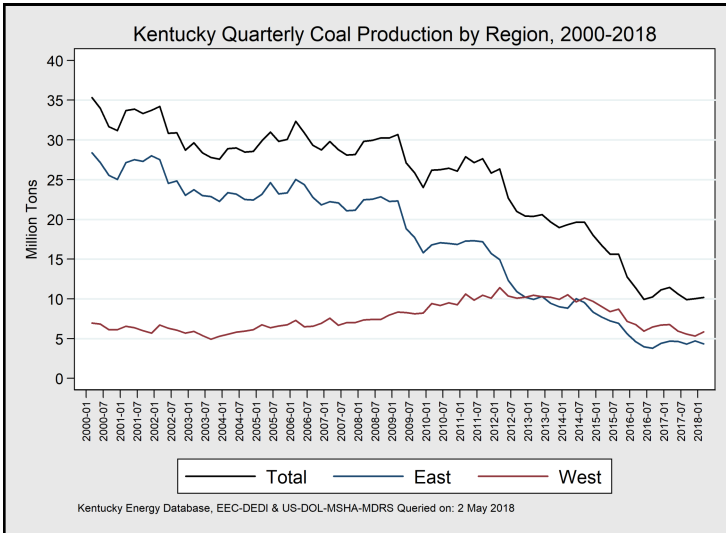


Region	Q1 Tonnage	YOY Change	Quarter Change
Total	10,185,508	-11.0%	+1.5%
West KY	5,848,209	-13.5%	+10.1%
East KY	4,337,299	-7.4%	-8.2%

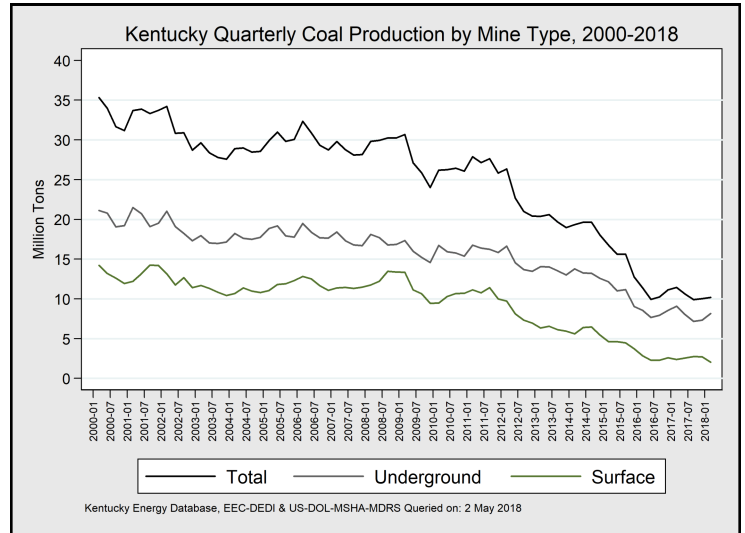
While year over year production declined by 11 percent, quarterly production increased by 1.5 percent.

Mine Type	Q1 Tonnage	YOY Change	Quarter Change
Total	10,185,508	-11.0%	+1.5%
Underground	8,138,604	-10.3%	+11.0%
Surface	2,046,904	-13.6%	-24.4%

Kentucky underground mines experienced a decrease of 10.3 percent on a year over year basis, but an 11 percent increase from the previous quarter.



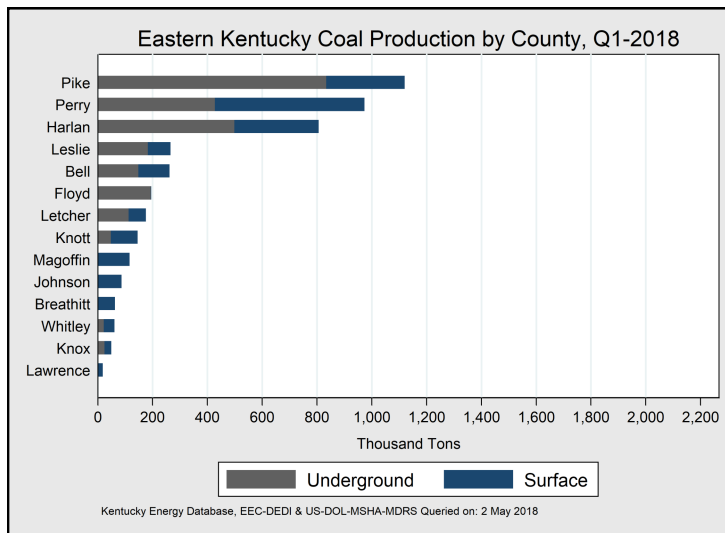
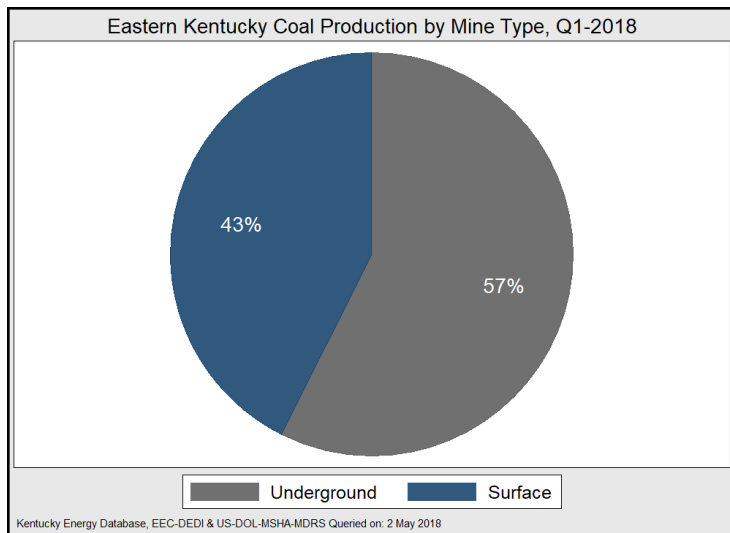
Eastern Kentucky decreased output by 8.2 percent from the fourth quarter of 2017 to 4.3 million tons. Western Kentucky increased output by 10.1 percent to 5.8 million tons. Western Kentucky mines accounted for 57 percent of Kentucky coal production while eastern Kentucky accounted for 43 percent.



In the first quarter of 2018, surface mines in Kentucky produced just over 2 million tons of coal, a 24.4 percent decrease from the fourth quarter of 2017. Underground mines accounted for 80 percent of coal production in the Commonwealth, while surface mines contributed 20 percent. Underground mines experienced an increase of 11 percent compared to the fourth quarter of 2017.

Eastern Kentucky Coal Production

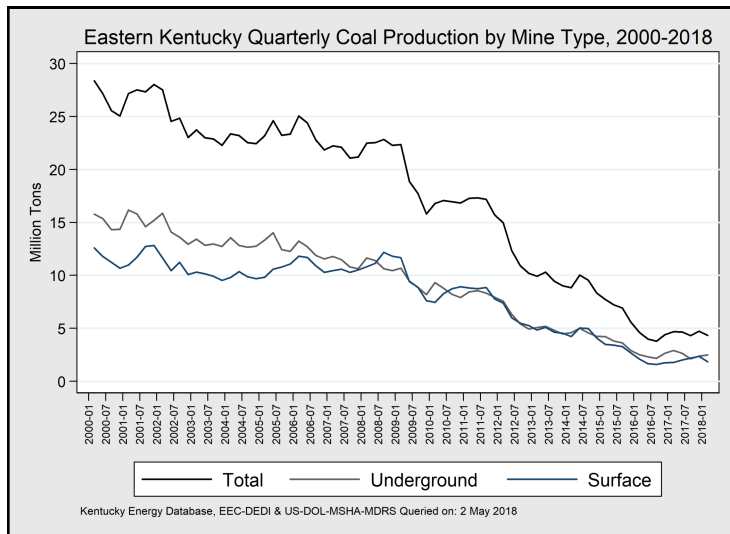
January to March 2018



Mine Type	Q1 Tonnage	YOY Change	Quarter Change
Total	4,337,299	-7.4%	-8.2%
Underground	2,489,564	-14.2%	+4.9%
Surface	1,847,735	+3.7%	-21.4%

Surface production in eastern Kentucky decreased by 21.4 percent from the fourth quarter of 2017.

Eastern County	Q1 Tons	YOY Change	Quarter Change
Pike	1,120,093	+0.4%	+1.2%
Perry	973,716	-6.6%	-3.5%
Harlan	805,851	-21.2%	-16.6%
Leslie	265,188	-17.2%	-25.6%
Bell	262,001	-15.0%	-5.0%
Floyd	195,212	-41.2%	-26.3%
Letcher	175,428	+230.3%	+87.5%
Knott	145,739	+294.9%	-3.8%
Magoffin	116,205	+199.4%	+542.9%
Johnson	86,333	-45.8%	-57.4%
Breathitt	62,404	+637.8%	-1.7%
Whitley	60,603	+38.9%	-44.7%
Knox	49,398	+221.8%	+7.2%
Lawrence	18,328	+3,963.9%	-33.6%
Laurel	800	-	+60.0%

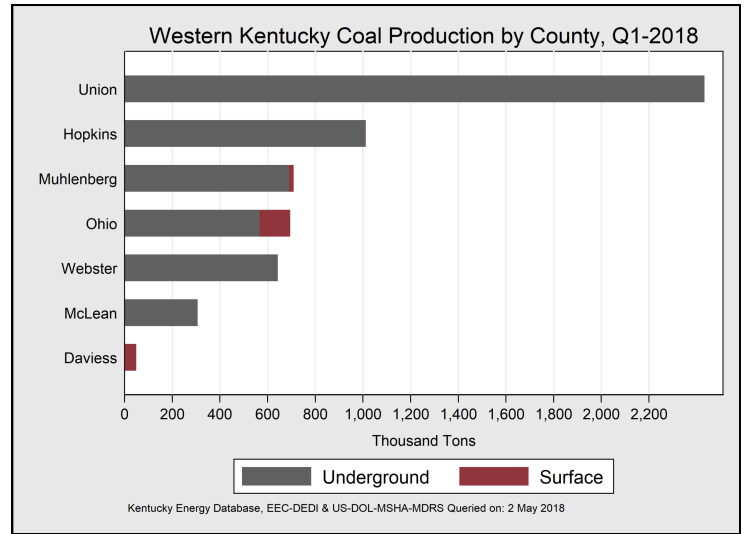
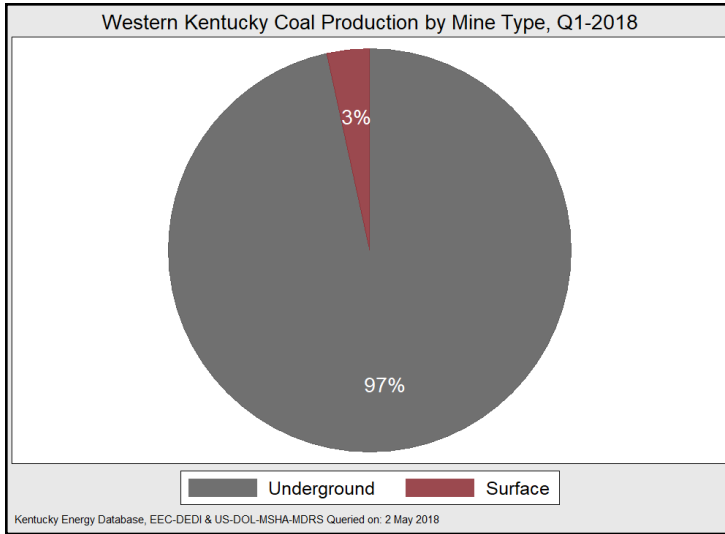


Year over year surface production increased by 3.7 percent. Underground production increased by 4.9 percent from the fourth quarter of 2017, but decreased by 14.2 percent on a year over year basis.

Preliminary data indicate that Pike County remained the top coal producing county in eastern Kentucky during the first quarter of 2018 by mining just over 1.1 million tons, a 1.2 percent increase from the previous quarter and a 0.4 percent increase on a year over year basis. Perry County produced just under 1 million tons to rank second in coal production in eastern Kentucky. Harlan remained third in production with 805 thousand tons.

Western Kentucky Coal Production

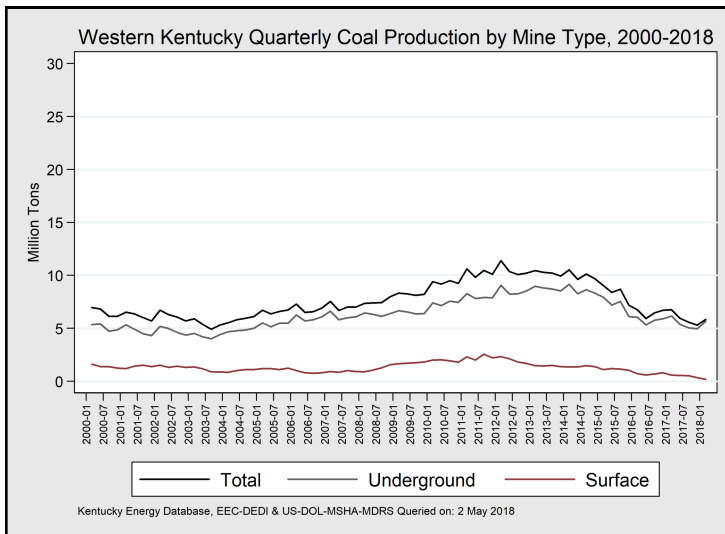
January to March 2018



Mine Type	Q1 Tonnage	YOY Change	Quarter Change
Total	5,848,209	-13.5%	+10.1%
Underground	5,649,040	-8.5%	+13.9%
Surface	199,169	-66.1%	-43.9%

County	Q1 Tonnage	YOY Change	Quarter Change
Union	2,433,332	+1.4%	+8.5%
Hopkins	1,012,079	+0.01%	+24.0%
Muhlenberg	709,786	-19.9%	+19.0%
Ohio	695,365	-42.3%	-8.5%
Webster	642,787	-24.9%	+17.6%
McLean	306,439	-10.9%	-0.02%
Daviess	48,421	-13.6%	+5.0%

Western Kentucky underground mines produced 5.6 million tons, a 13.9 percent increase from the previous quarter.



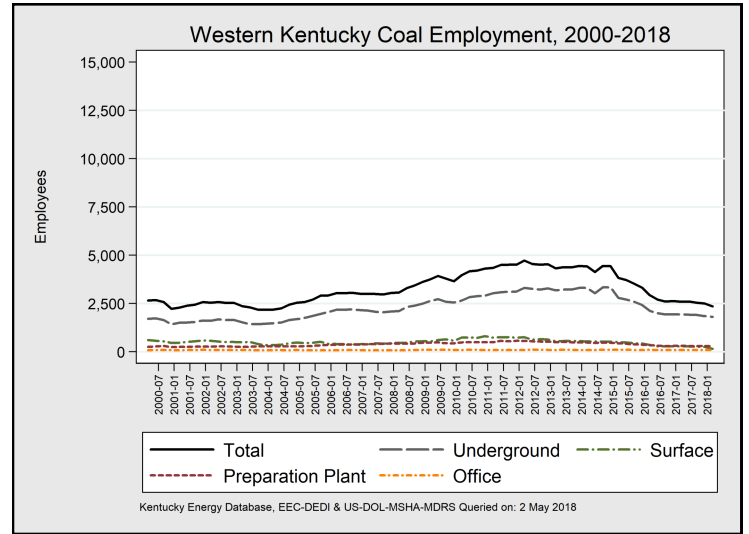
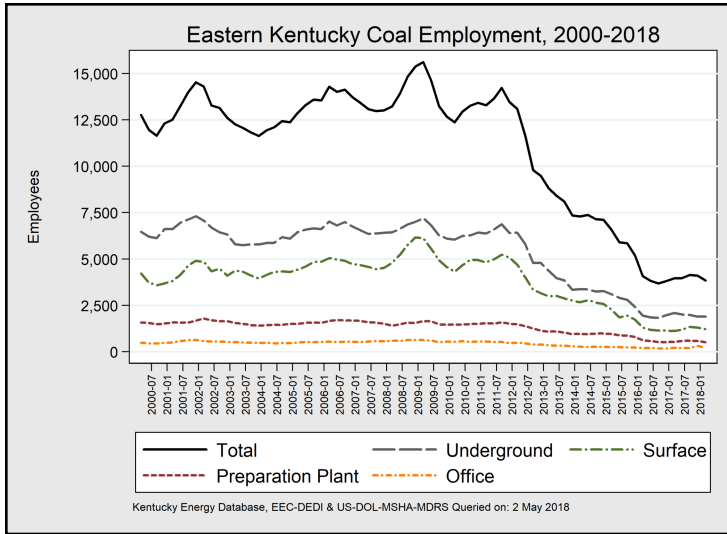
Western Kentucky coal production decreased by 13.5 percent on a year over year basis, to just over 5.8 million tons. Underground production increased by 13.9 percent from the fourth quarter of 2017, but declined by 8.5 percent on a year over year basis.

Union County mined just over 2.4 million tons of coal during the 1st quarter of 2018, a 8.5 percent increase from the previous quarter and 1.4 percent increase on a year over year basis.

Union County ranked first in coal production in western Kentucky, followed by Hopkins County. Union County experienced the largest year-over-year production increase at 1.4 percent. Hopkins County experienced the largest quarterly increase in production at 24 percent.

Kentucky Coal Mine Employment

January to March 2018



East KY	Q1	YOY Change	Quarter Change
Total	3,835	-127 -3.2%	-268 -6.5%
Pike	921	+6 +0.7%	-208 -18.4%
Harlan	824	-16 -1.9%	-7 -0.8%
Perry	707	+33 +4.9%	+23 +3.4%
Bell	338	-25 -6.9%	-8 -2.3%
Leslie	258	+49 +23.4%	+27 +11.7%
Floyd	231	+16 +7.4%	+19 +9%
Whitley	121	+11 +10%	-26 -17.7%
Knott	89	+17 +23.6%	-2 -2.2%
Letcher	81	+26 +47.3%	-38 -31.9%
Knox	70	+16 +29.6%	+1 +1.4%
Magoffin	44	+18 +69.2%	+29 +193%
Johnson	43	-46 -51.7%	-41 -48.8%
Martin	26	-211 -89%	-16 -38.1%
Boyd	25	+1 +4.2%	-2 -7.4%
Lawrence	20	+6 +42.9%	-8 -28.6%
Clay	14	+0 +0%	+0 +0%
Breathitt	11	+1 +10%	-1 -8.3%
Laurel	5	+3 +150%	+1 +25%
McCreary	4	0 +0%	+0 +0%
Pulaski	3	+1 +50%	-3 -50%
Morgan	0	+0 +0.0%	-8 -100%
Estill	0	-31 -100%	- -
Elliot	0	-2 -100%	- -

West KY	Q1	YOY Change	Quarter Change
Total	2,346	-248 -9.6%	-153 -6.1%
Union	681	+23 +3.5%	+22 +3.3%
Ohio	451	-1 -0.2%	-7 -1.5%
Hopkins	325	-81 -20%	-27 -7.7%
Muhlenberg	320	-180 -36%	-159 -33.2%
Webster	298	-13 -4.2%	-4 -1.3%
McLean	182	+7 +4%	+18 +11%
Marshall	45	-1 -2.2%	-1 -2.2%
Daviess	26	+5 +23.8%	+6 +30%
Livingston	13	-6 -31.6%	+0 +0%
Henderson	5	-1 -16.7%	-1 -16.7%

Description	Q1	YOY Change	Quarter Change
KY Total	6,181	-375 -5.7%	-421 -6.4%
Underground	3,714	-307 -7.6%	-25 -0.7%
Surface	1,367	-34 -2.4%	-202 -12.9%
Preparation Plant	811	-24 -2.9%	-73 -8.3%
Office	289	-10 -3.3%	-121 -29.5%

Eastern Kentucky coal mines decreased employment by 127 jobs or 3.2 percent on a year over year basis. Western Kentucky decreased employment by 248 jobs or 9.6 percent on a year over year basis.

During the first quarter of 2018, Kentucky coal mines decreased total employment by 421 jobs, a 6.4 percent drop from the fourth quarter of 2017. On a year over year basis, Kentucky coal mines decreased total employment by 5.7 percent or 375 jobs.

For more information about coal, please visit:

energy.ky.gov/Pages/CoalFacts.aspx

Date		Kentucky Total				Eastern Kentucky				Western Kentucky			
		Average		Tons of Coal		Average		Tons of Coal		Average		Tons of Coal	
		Employment		Produced		Employment		Produced		Employment		Produced	
		Annual	Quarter	Annual	Quarter	Annual	Quarter	Annual	Quarter	Annual	Quarter	Annual	Quarter
2009	Q2		18,630		27,264,780		14,702		18,998,720		3,928		8,266,060
	Q3		17,075		25,979,240		13,278		17,850,570		3,797		8,128,670
	Q4		16,380		24,127,190		12,729		15,902,420		3,651		8,224,772
2010	Q1	17,115	16,378	105,554,104	26,304,890	13,020	12,404	68,222,672	16,883,820	4,095	3,974	37,331,432	9,421,068
	Q2		17,217		26,510,520		13,051		17,339,430		4,166		9,171,091
	Q3		17,517		26,682,350		13,308		17,187,870		4,209		9,494,482
	Q4		17,796		25,972,700		13,484		16,727,910		4,312		9,244,791
2011	Q1	18,069	17,684	109,018,240	27,889,220	13,679	13,331	68,007,480	17,282,860	4,390	4,353	41,010,760	10,606,360
	Q2		18,191		27,222,030		13,695		17,385,220		4,496		9,836,813
	Q3		18,810		27,804,080		14,301		17,340,210		4,509		10,463,880
	Q4		18,087		26,047,990		13,581		15,944,280		4,506		10,103,710
2012	Q1	15,622	17,932	91,358,160	26,571,280	11,117	13,203	49,311,848	15,171,750	4,505	4,729	42,046,316	11,399,530
	Q2		16,278		22,924,670		11,731		12,568,670		4,547		10,356,000
	Q3		14,406		21,173,110		9,892		11,094,450		4,514		10,078,670
	Q4		14,107		20,555,240		9,564		10,343,130		4,543		10,212,120
2013	Q1	12,550	13,223	80,359,000	20,590,860	8,239	8,897	39,480,036	10,144,620	4,310	4,326	40,878,964	10,446,240
	Q2		12,882		20,752,660		8,490		10,464,560		4,392		10,288,110
	Q3		12,548		19,876,820		8,180		9,667,612		4,368		10,209,210
	Q4		11,892		19,081,980		7,443		9,146,575		4,449		9,935,408
2014	Q1	11,508	11,790	77,468,336	19,494,440	7,242	7,366	37,499,304	8,969,519	4,267	4,424	39,969,028	10,524,930
	Q2		11,574		19,864,630		7,447		10,240,600		4,127		9,624,035
	Q3		11,681		19,866,500		7,239		9,742,734		4,442		10,123,770
	Q4		11,619		18,204,500		7,186		8,508,199		4,433		9,696,298
2015	Q1	9,493	10,465	61,424,920	16,938,520	5,897	6,639	28,000,918	7,788,933	3,597	3,826	33,424,002	9,149,591
	Q2		9,674		15,817,610		5,958		7,421,363		3,716		8,396,251
	Q3		9,094		15,574,200		5,579		6,867,600		3,515		8,706,595
	Q4		8,401		12,884,260		5,077		5,712,695		3,324		7,171,565
2016	Q1	6,580	7,022	42,773,250	11,407,838	3,860	4,087	16,889,605	4,643,300	2,720	2,935	25,883,645	6,764,538
	Q2		6,539		9,928,305		3,835		3,989,977		2,704		5,938,328
	Q3		6,302		10,276,810		3,692		3,812,385		2,610		6,464,425
	Q4		6,456		11,160,297		3,824		4,443,943		2,632		6,716,354
2017	Q1	6,603	6,556	41,996,375	11,444,139	4,043	3,962	18,390,817	4,684,435	2,560	2,594	23,605,558	6,759,704
	Q2		6,573		10,607,371		3,969		4,658,448		2,604		5,948,923
	Q3		6,679		9,906,614		4,137		4,323,290		2,542		5,583,324
	Q4		6,602		10,038,251		4,103		4,724,644		2,499		5,313,607
2018	Q1		6,181		10,185,508		3,835		4,337,299		2,346		5,848,209

In order to provide the public with timely access to these data, this report uses the best-available estimate for each factor at the time of publication. Data for Q1-2018 are preliminary and subject to revision. Data for previous dates have been revised.
This report is produced by the Kentucky Energy and Environment Cabinet using data from numerous sources including the U.S. Department of Labor's Mine Safety Health Administration, the Kentucky Department of Revenue, and the Kentucky Division of Mine Safety.
To check for an updated version of this report or for more detailed information on coal production in Kentucky, please visit us online at: energy.ky.gov/Pages/CoalFacts.aspx