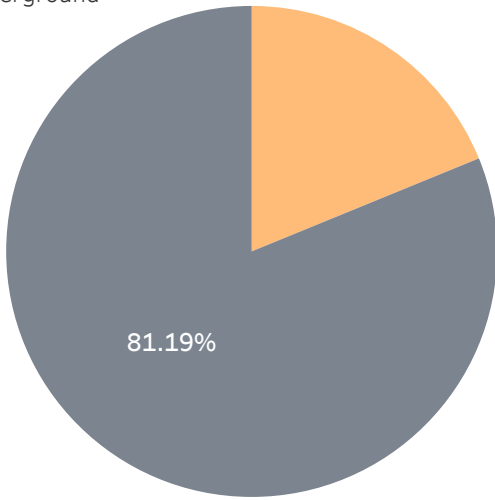
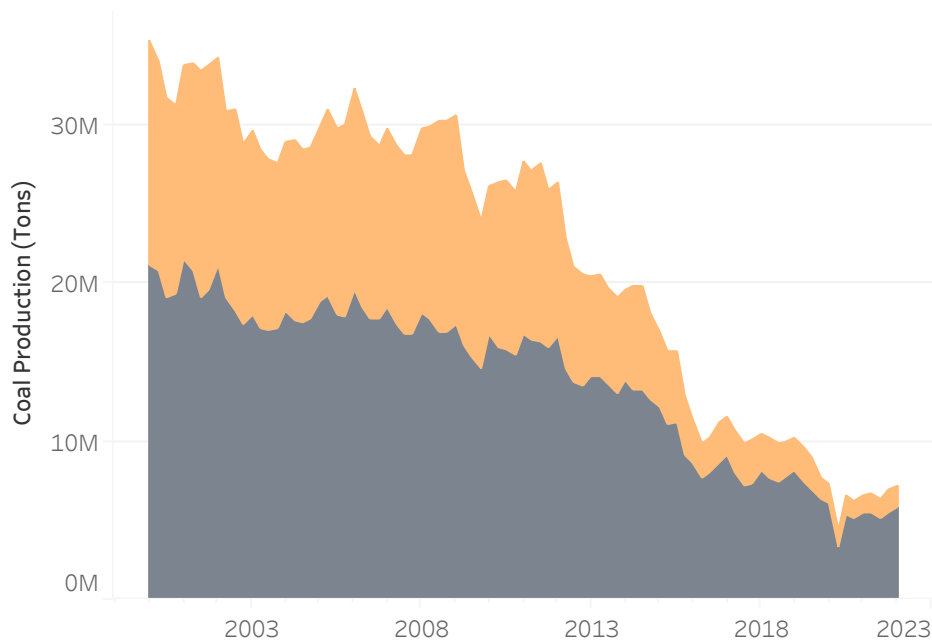


# Kentucky Quarterly Coal Report (2022 - Q1)

Mine Type  
■ Surface  
■ Underground

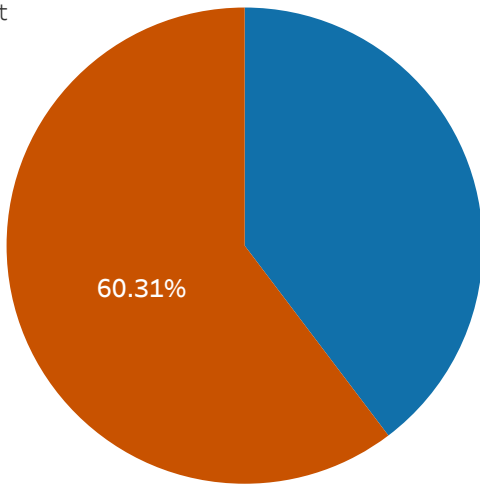


## Coal Production by Mine Type (2000 - Q1 to 2022 - Q1)

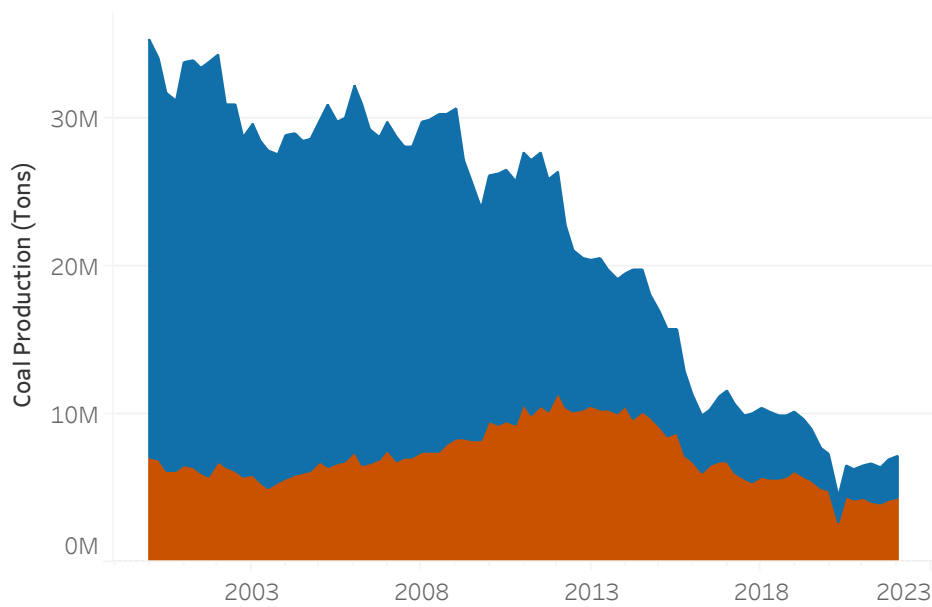


	Production	YoY change	Qtr change
<b>Total</b>	7,096,583	+ 8.65%	+ 2.46%
<b>Underground</b>	5,762,004	+ 6.18%	+ 4.59%
<b>Surface</b>	1,334,579	+ 20.83%	- 5.84%

Region  
■ East  
■ West



## Coal Production by Region (2000 - Q1 to 2022 - Q1)

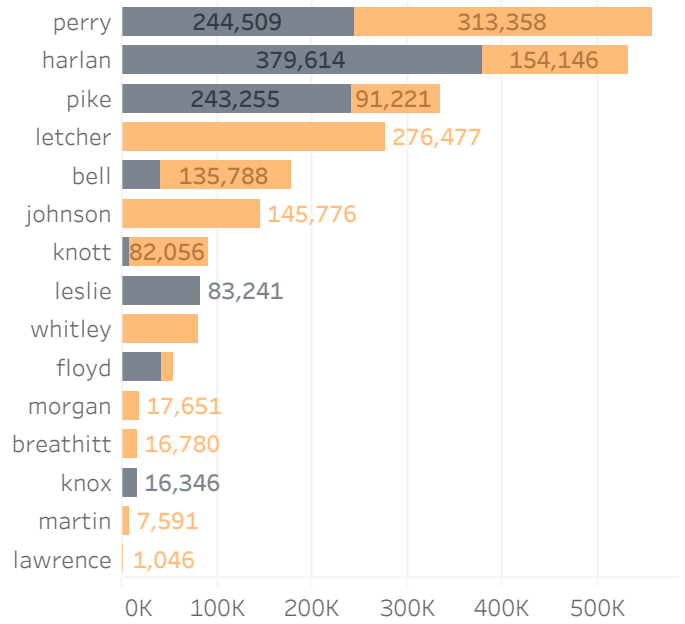
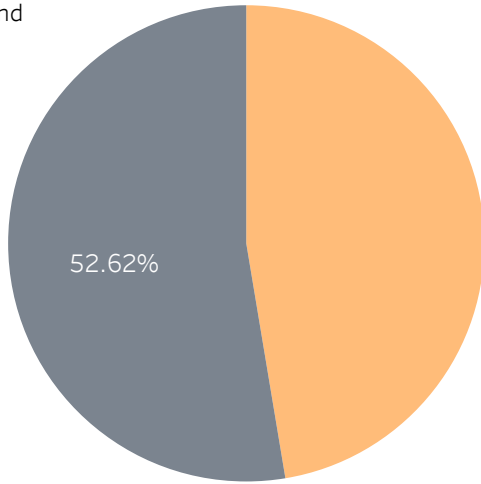


	Production	YoY change	Qtr change
<b>Total</b>	7,096,583	+ 8.65%	+ 2.46%
<b>East</b>	2,816,594	+ 25.00%	+ 0.33%
<b>West</b>	4,279,989	+ 0.05%	+ 3.90%

# Eastern Kentucky (2022 - Q1)

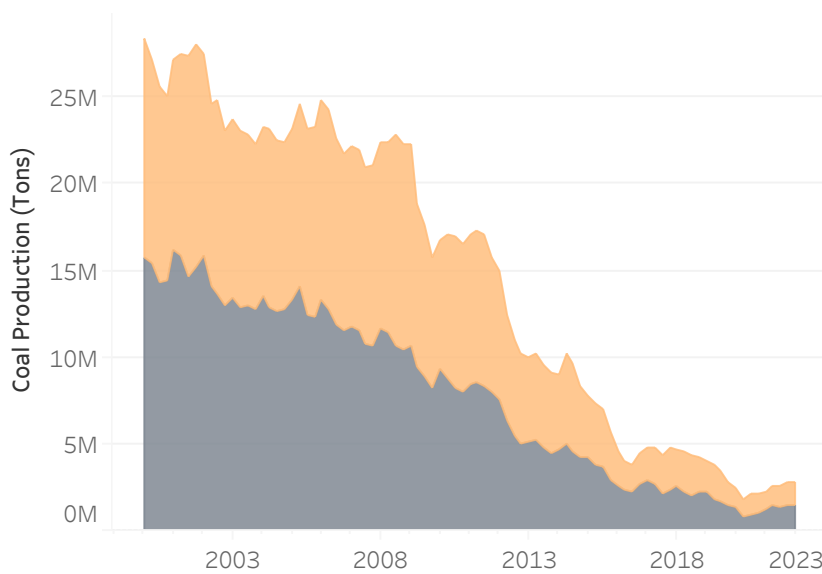
## Mine Type

- Surface
- Underground



	Production	YoY change	Qtr change
<b>Total</b>	2,816,594	+ 25.00%	+ 0.33%
<b>Surface</b>	1,334,579	+ 28.39%	- 4.57%
<b>Underground</b>	1,482,015	+ 22.10%	+ 5.19%

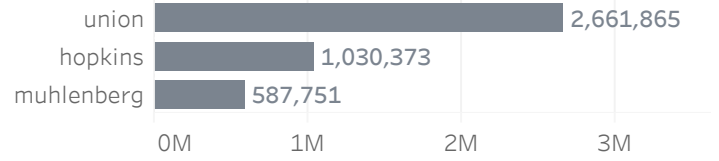
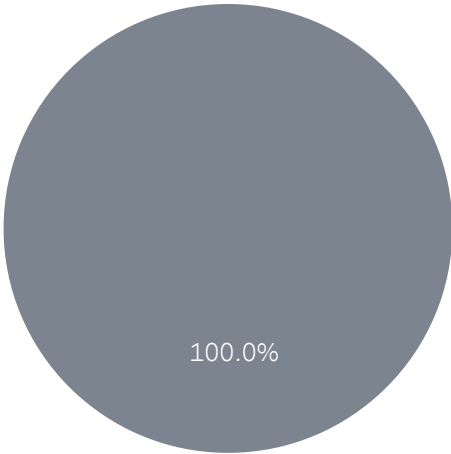
Eastern Kentucky Coal Production (2000 - Q1 to 2022 - Q1)



	County Coal Pro..	YoY change	Qtr change
<b>EKY Total</b>	2,816,594	+ 25.00%	+ 0.33%
<b>pike</b>	757,215	+ 0.41%	- 0.20%
<b>perry</b>	557,867	+ 33.87%	+ 10.49%
<b>harlan</b>	533,760	+ 31.01%	+ 12.03%
<b>letcher</b>	276,477	+ 408.76%	- 25.42%
<b>bell</b>	176,833	- 8.97%	- 12.02%
<b>johnson</b>	145,776	+ 16.53%	- 6.94%
<b>knott</b>	91,098	+ 27.89%	- 11.75%
<b>leslie</b>	83,241	- 8.43%	+ 12.27%
<b>whitley</b>	80,526	+ 80.05%	+ 11.62%
<b>floyd</b>	54,387	+ 66.03%	+ 37.36%
<b>morgan</b>	17,651	+ 176.27%	+ 79.73%
<b>breathitt</b>	16,780	+ 524.72%	+ 29.03%
<b>knox</b>	16,346	- 57.39%	- 18.24%
<b>martin</b>	7,591	- 46.68%	+ 76.37%
<b>lawrence</b>	1,046	- 61.00%	- 61.00%

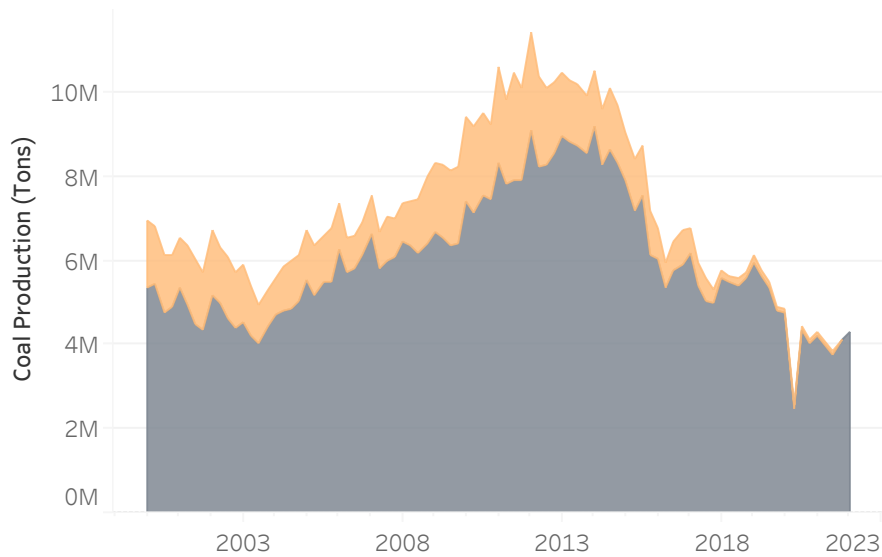
# Western Kentucky (2022 - Q1)

Mine Type  
 Underground



	Production	YoY change	Qtr change
Total	4,279,989	+ 0.05%	+ 3.90%
Underground	4,279,989	+ 1.59%	+ 4.38%
Surface	0	- 100.00%	- 100.00%

Western Kentucky Coal Production (2000 - Q1 to 2022 - Q1)

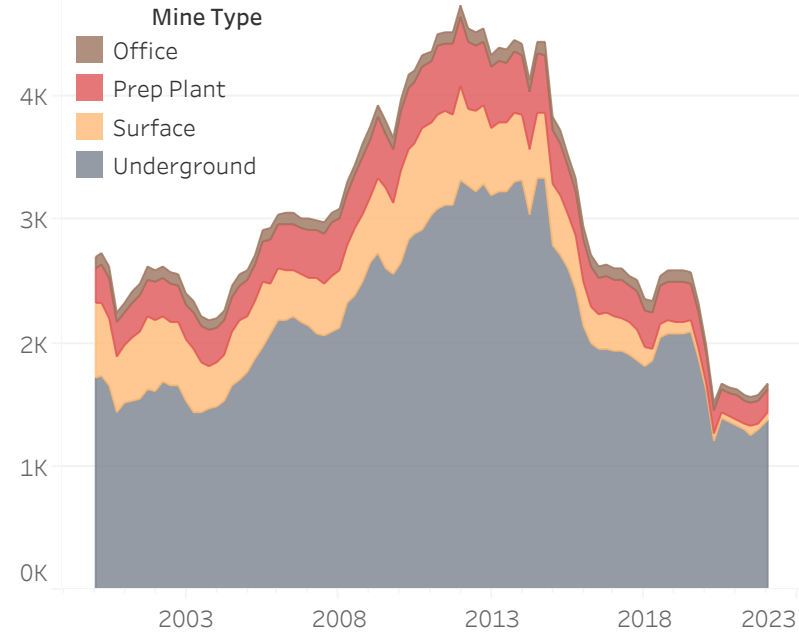
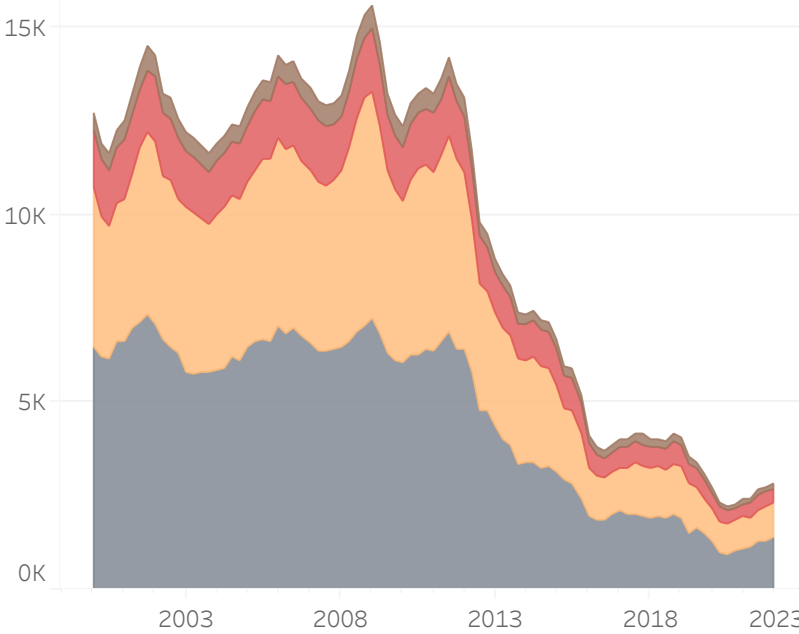


	County Coal Production	YoY change	Qtr change
WKY Total	4,279,989	+ 0.05%	+ 3.90%
union	2,661,865	+ 4.56%	+ 3.39%
hopkins	1,030,373	- 5.78%	- 0.69%
muhlenberg	587,751	+ 2.46%	+ 20.40%

# Employment by Region (2022 - Q1)

East Kentucky Employment by Mine Type (2000 - Q1 to 2022 - Q1)

West Kentucky Employment by Mine Type (2000 - Q1 to 2022 - Q1)



	Emp	YoY pct change	YoY change	Qtr pct change	Qtr change
<b>EKY Total</b>	2,797	+ 16.78%	+402	+ 2.9%	+79
pike	849	+ 3.54%	+29	- 1.6%	-14
perry	559	+ 43.33%	+169	+ 11.8%	+59
harlan	494	+ 44.44%	+152	+ 9.3%	+42
bell	262	+ 29.70%	+60	- 3.7%	-10
leslie	133	- 5.00%	-7	+ 4.7%	+6
letcher	121	+ 59.21%	+45	+ 14.2%	+15
whitley	84	+ 6.33%	+5	+ 15.1%	+11
floyd	69	+ 9.52%	+6	- 10.4%	-8
johnson	64	+ 6.67%	+4	- 1.5%	-1
knott	59	- 33.71%	-30	- 19.2%	-14
knox	36	- 21.74%	-10	- 5.3%	-2
clay	14	-	-	- 12.5%	-2
martin	14	- 64.10%	-25	- 12.5%	-2
morgan	10	+ 66.67%	+4	+ 66.7%	+4
boyd	8	- 33.33%	-4	- 38.5%	-5
breathitt	8	+ 60.00%	+3	+ 0.0%	-
magoffin	4	-	-	+ 0.0%	-
mccreary	4	-	-	+ 0.0%	-
lawrence	3	+ 50.00%	+1	+ 0.0%	-
lee	2	-	-	+ 0.0%	-

	Emp	YoY pct change	YoY change	Qtr pct change	Qtr change
<b>union</b>	809.0	+ 2.15%	+17	+ 3.19%	+25
hopkins	473.0	+ 2.60%	+12	+ 5.11%	+23
muhlenberg	299.0	+ 11.57%	+31	+ 18.65%	+47
marshall	38.0	- 5.00%	-2	- 7.32%	-3
ohio	32.0	+ 33.33%	+8	+ 28.00%	+7
daviess	14.0	- 56.25%	-18	- 39.13%	-9

## Total Employees by Mine Type

	Total Workers	YoY pct change	Qtr pct change
<b>Total</b>	4,462	+ 11.22%	+ 3.94%
<b>Underground</b>	2,755	+ 15.85%	+ 6.66%
<b>Surface</b>	968	+ 4.88%	+ 3.09%
<b>Preparation Plant</b>	566	+ 3.85%	- 5.82%
<b>Office</b>	173	+ 4.22%	+ 1.76%

Coal Production Reference Table										
		West			East			Total		
		Production	YoY change	Qtr change	Production	YoY change	Qtr change	Production	YoY change	Qtr change
2022	Q1	4,279,989	+ 0.05%	+ 3.90%	2,816,594	+ 25.00%	+ 0.33%	7,096,583	+ 8.65%	+ 2.46%
2021	Q4	4,119,150	+ 0.49%	+ 7.29%	2,807,347	+ 34.10%	+ 11.50%	6,926,497	+ 11.85%	+ 8.96%
	Q3	3,839,326	- 13.23%	- 5.43%	2,517,700	+ 20.42%	- 2.56%	6,357,026	- 2.44%	- 4.31%
	Q2	4,059,665	+ 58.45%	- 5.10%	2,583,794	+ 43.96%	+ 14.67%	6,643,459	+ 52.48%	+ 1.72%
	Q1	4,278,043	- 11.35%	+ 4.37%	2,253,267	- 6.63%	+ 7.63%	6,531,310	- 9.78%	+ 5.47%
2020	Q4	4,098,927	- 16.08%	- 7.37%	2,093,488	- 24.17%	+ 0.13%	6,192,415	- 19.00%	- 4.96%
	Q3	4,424,915	- 19.27%	+ 72.71%	2,090,774	- 39.59%	+ 16.49%	6,515,689	- 27.13%	+ 49.55%
	Q2	2,562,103	- 55.52%	- 46.91%	1,794,829	- 52.76%	- 25.62%	4,356,932	- 54.42%	- 39.81%
	Q1	4,825,923	- 21.07%	- 1.19%	2,413,184	- 40.01%	- 12.59%	7,239,107	- 28.59%	- 5.31%
2019	Q4	4,884,272	- 14.67%	- 10.89%	2,760,786	- 33.92%	- 20.23%	7,645,058	- 22.79%	- 14.50%
	Q3	5,481,282	- 1.52%	- 4.84%	3,460,747	- 19.13%	- 8.91%	8,942,029	- 9.18%	- 6.46%
	Q2	5,760,256	+ 2.65%	- 5.79%	3,799,423	- 16.22%	- 5.55%	9,559,679	- 5.78%	- 5.69%
	Q1	6,114,327	+ 6.19%	+ 6.82%	4,022,492	- 12.80%	- 3.73%	10,136,819	- 2.25%	+ 2.37%
2018	Q4	5,723,927	+ 7.72%	+ 2.84%	4,178,256	- 11.75%	- 2.37%	9,902,183	- 1.45%	+ 0.57%
	Q3	5,566,036	- 0.31%	- 0.81%	4,279,627	- 0.42%	- 5.63%	9,845,663	- 0.36%	- 2.96%
	Q2	5,611,408	- 5.67%	- 2.54%	4,535,006	- 4.41%	- 1.69%	10,146,414	- 5.11%	- 2.16%
	Q1	5,757,753	- 14.82%	+ 8.36%	4,612,864	- 3.54%	- 2.57%	10,370,617	- 10.15%	+ 3.21%
2017	Q4	5,313,607	- 20.89%	- 4.83%	4,734,484	+ 5.99%	+ 10.17%	10,048,091	- 10.15%	+ 1.69%
	Q3	5,583,324	- 13.63%	- 6.15%	4,297,610	+ 13.98%	- 9.42%	9,880,934	- 3.46%	- 7.60%
	Q2	5,948,923	+ 0.18%	- 11.99%	4,744,406	+ 20.39%	- 0.79%	10,693,329	+ 8.24%	- 7.35%
	Q1	6,759,704	- 0.07%	+ 0.65%	4,782,028	+ 4.41%	+ 7.06%	11,541,732	+ 1.74%	+ 3.21%
2016	Q4	6,716,354	- 6.35%	+ 3.90%	4,466,806	- 20.86%	+ 18.47%	11,183,160	- 12.74%	+ 9.27%
	Q3	6,464,425	- 25.75%	+ 8.86%	3,770,467	- 45.83%	- 4.32%	10,234,892	- 34.67%	+ 3.60%
	Q2	5,938,328	- 29.27%	- 12.21%	3,940,873	- 45.94%	- 13.96%	9,879,201	- 37.02%	- 12.92%
	Q1	6,764,538	- 25.25%	- 5.68%	4,580,015	- 41.15%	- 18.86%	11,344,553	- 32.60%	- 11.48%
2015	Q4	7,171,565	- 26.04%	- 17.63%	5,644,375	- 32.47%	- 18.90%	12,815,940	- 29.02%	- 18.20%
	Q3	8,706,595	- 13.94%	+ 3.70%	6,960,086	- 27.47%	- 4.52%	15,666,681	- 20.53%	- 0.12%
	Q2	8,396,251	- 12.65%	- 7.22%	7,289,593	- 28.21%	- 6.34%	15,685,844	- 20.64%	- 6.81%
	Q1	9,049,591	- 13.98%	- 6.67%	7,783,156	- 12.93%	- 6.89%	16,832,747	- 13.50%	- 6.77%
2014	Q4	9,695,896	- 2.36%	- 4.16%	8,358,859	- 7.92%	- 12.89%	18,054,755	- 5.01%	- 8.41%
	Q3	10,116,906	- 0.90%	+ 5.25%	9,596,034	+ 1.14%	- 5.49%	19,712,940	+ 0.08%	- 0.27%
	Q2	9,612,041	- 6.53%	- 8.63%	10,153,551	- 0.84%	+ 13.58%	19,765,592	- 3.69%	+ 1.57%
	Q1	10,519,840	+ 0.70%	+ 5.94%	8,939,459	- 10.21%	- 1.52%	19,459,299	- 4.62%	+ 2.38%
2013	Q4	9,930,116	- 2.76%	- 2.73%	9,077,569	- 11.24%	- 4.32%	19,007,685	- 7.01%	- 3.50%
	Q3	10,209,207	+ 1.30%	- 0.73%	9,487,410	- 13.05%	- 7.34%	19,696,617	- 6.16%	- 4.03%
	Q2	10,283,803	- 0.70%	- 1.55%	10,239,295	- 17.46%	+ 2.84%	20,523,098	- 9.84%	+ 0.59%
	Q1	10,446,242	- 8.36%	+ 2.29%	9,956,312	- 33.46%	- 2.65%	20,402,554	- 22.61%	- 0.18%
2012	Q4	10,212,118	+ 1.02%	+ 1.32%	10,227,453	- 34.95%	- 6.27%	20,439,571	- 20.87%	- 2.62%
	Q3	10,078,665	- 3.70%	- 2.68%	10,911,456	- 36.21%	- 12.05%	20,990,121	- 23.87%	- 7.78%
	Q2	10,356,005	+ 5.26%	- 9.15%	12,405,732	- 28.09%	- 17.09%	22,761,737	- 15.98%	- 13.66%
	Q1	11,399,527	+ 7.44%	+ 12.77%	14,963,334	- 12.20%	- 4.83%	26,362,861	- 4.67%	+ 2.06%
2011	Q4	10,108,522	+ 9.29%	- 3.42%	15,722,007	- 4.68%	- 8.09%	25,830,529	+ 0.34%	- 6.32%
	Q3	10,466,346	+ 10.24%	+ 6.38%	17,106,204	+ 1.09%	- 0.85%	27,572,550	+ 4.38%	+ 1.78%
	Q2	9,838,635	+ 7.28%	- 7.28%	17,252,139	+ 0.99%	+ 1.23%	27,090,774	+ 3.19%	- 2.03%
	Q1	10,610,622	+ 12.63%	+ 14.72%	17,042,376	+ 2.18%	+ 3.32%	27,652,998	+ 5.95%	+ 7.42%
2010	Q4	9,249,023	+ 12.45%	- 2.59%	16,494,366	+ 5.10%	- 2.53%	25,743,389	+ 7.63%	- 2.55%
	Q3	9,494,482	+ 16.80%	+ 3.53%	16,922,074	- 3.94%	- 0.94%	26,416,556	+ 2.61%	+ 0.62%
	Q2	9,171,091	+ 10.95%	- 2.65%	17,082,842	- 9.18%	+ 2.42%	26,253,933	- 3.03%	+ 0.59%
	Q1	9,421,068	+ 13.06%	+ 14.55%	16,678,615	- 24.94%	+ 6.28%	26,099,683	- 14.57%	+ 9.12%
2009	Q4	8,224,772	+ 3.14%	+ 1.18%	15,693,233	- 29.37%	- 10.91%	23,918,005	- 20.78%	- 7.09%
	Q3	8,128,670	+ 9.45%	- 1.66%	17,615,392	- 22.60%	- 6.35%	25,744,062	- 14.71%	- 4.92%
	Q2	8,266,060	+ 11.58%	- 0.80%	18,809,565	- 15.95%	- 15.35%	27,075,625	- 9.11%	- 11.38%

Employment Reference Table										
		West			East			Total		
		Emp	YoY change	Qtr change	Emp	YoY change	Qtr change	Emp	YoY change	Qtr change
2022	Q1	1,665	+ 2.97%	+ 5.71%	2,797	+ 16.78%	+ 2.91%	4,462	+ 11.22%	+ 3.94%
2021	Q4	1,575	- 4.08%	+ 1.09%	2,718	+ 19.63%	+ 2.68%	4,293	+ 9.68%	+ 2.09%
	Q3	1,558	- 6.82%	- 1.02%	2,647	+ 19.07%	+ 10.48%	4,205	+ 7.96%	+ 5.92%
	Q2	1,574	+ 4.65%	- 2.66%	2,396	+ 4.08%	+ 0.04%	3,970	+ 4.31%	- 1.05%
	Q1	1,617	- 18.00%	- 1.52%	2,395	- 11.20%	+ 5.41%	4,012	- 14.07%	+ 2.50%
2020	Q4	1,642	- 29.44%	- 1.79%	2,272	- 26.40%	+ 2.20%	3,914	- 27.71%	+ 0.49%
	Q3	1,672	- 34.92%	+ 11.17%	2,223	- 34.58%	- 3.43%	3,895	- 34.72%	+ 2.34%
	Q2	1,504	- 41.66%	- 23.73%	2,302	- 34.51%	- 14.65%	3,806	- 37.53%	- 18.48%
	Q1	1,972	- 23.48%	- 15.26%	2,697	- 33.29%	- 12.63%	4,669	- 29.47%	- 13.76%
2019	Q4	2,327	- 9.70%	- 9.42%	3,087	- 25.58%	- 9.15%	5,414	- 19.49%	- 9.27%
	Q3	2,569	+ 1.26%	- 0.35%	3,398	- 14.13%	- 3.33%	5,967	- 8.12%	- 2.07%
	Q2	2,578	+ 10.45%	+ 0.04%	3,515	- 11.90%	- 13.06%	6,093	- 3.65%	- 7.96%
	Q1	2,577	+ 9.85%	+ 0.00%	4,043	+ 1.20%	- 2.53%	6,620	+ 4.40%	- 1.56%
2018	Q4	2,577	+ 3.12%	+ 1.58%	4,148	+ 0.29%	+ 4.83%	6,725	+ 1.36%	+ 3.56%
	Q3	2,537	- 0.20%	+ 8.70%	3,957	- 5.04%	- 0.83%	6,494	- 3.20%	+ 2.69%
	Q2	2,334	- 10.37%	- 0.51%	3,990	- 0.20%	- 0.13%	6,324	- 4.21%	- 0.27%
	Q1	2,346	- 9.56%	- 6.12%	3,995	- 0.03%	- 3.41%	6,341	- 3.78%	- 4.43%
2017	Q4	2,499	- 5.05%	- 1.69%	4,136	+ 8.13%	- 0.74%	6,635	+ 2.76%	- 1.10%
	Q3	2,542	- 2.61%	- 2.38%	4,167	+ 13.48%	+ 4.23%	6,709	+ 6.80%	+ 1.62%
	Q2	2,604	- 3.70%	+ 0.39%	3,998	+ 4.85%	+ 0.05%	6,602	+ 1.30%	+ 0.18%
	Q1	2,594	- 11.62%	- 1.44%	3,996	- 1.99%	+ 4.47%	6,590	- 6.02%	+ 2.06%
2016	Q4	2,632	- 20.82%	+ 0.84%	3,825	- 26.31%	+ 4.17%	6,457	- 24.17%	+ 2.79%
	Q3	2,610	- 25.87%	- 3.48%	3,672	- 37.54%	- 3.70%	6,282	- 33.17%	- 3.61%
	Q2	2,704	- 27.23%	- 7.87%	3,813	- 35.87%	- 6.48%	6,517	- 32.55%	- 7.06%
	Q1	2,935	- 23.29%	- 11.70%	4,077	- 38.58%	- 21.46%	7,012	- 32.99%	- 17.65%
2015	Q4	3,324	- 24.98%	- 5.60%	5,191	- 27.25%	- 11.70%	8,515	- 26.38%	- 9.41%
	Q3	3,521	- 20.68%	- 5.25%	5,879	- 18.18%	- 1.13%	9,400	- 19.13%	- 2.71%
	Q2	3,716	- 9.92%	- 2.88%	5,946	- 19.94%	- 10.42%	9,662	- 16.36%	- 7.66%
	Q1	3,826	- 13.54%	- 13.65%	6,638	- 9.33%	- 6.97%	10,464	- 10.91%	- 9.53%
2014	Q4	4,431	- 0.40%	- 0.18%	7,135	- 3.32%	- 0.70%	11,566	- 2.22%	- 0.50%
	Q3	4,439	+ 1.63%	+ 7.61%	7,185	- 11.55%	- 3.26%	11,624	- 6.94%	+ 0.62%
	Q2	4,125	- 6.02%	- 6.78%	7,427	- 11.78%	+ 1.45%	11,552	- 9.81%	- 1.65%
	Q1	4,425	+ 2.29%	- 0.54%	7,321	- 16.97%	- 0.80%	11,746	- 10.63%	- 0.70%
2013	Q4	4,449	- 2.07%	+ 1.85%	7,380	- 22.27%	- 9.15%	11,829	- 15.73%	- 5.30%
	Q3	4,368	- 3.23%	- 0.48%	8,123	- 17.17%	- 3.52%	12,491	- 12.78%	- 2.48%
	Q2	4,389	- 3.47%	+ 1.46%	8,419	- 27.80%	- 4.51%	12,808	- 20.98%	- 2.55%
	Q1	4,326	- 8.52%	- 4.78%	8,817	- 32.76%	- 7.13%	13,143	- 26.33%	- 6.37%
2012	Q4	4,543	+ 0.71%	+ 0.64%	9,494	- 29.53%	- 3.19%	14,037	- 21.95%	- 1.98%
	Q3	4,514	+ 0.00%	- 0.73%	9,807	- 30.95%	- 15.90%	14,321	- 23.49%	- 11.64%
	Q2	4,547	+ 1.02%	- 3.85%	11,661	- 14.35%	- 11.07%	16,208	- 10.53%	- 9.15%
	Q1	4,729	+ 8.36%	+ 4.83%	13,112	- 0.96%	- 2.68%	17,841	+ 1.35%	- 0.80%
2011	Q4	4,511	+ 4.37%	- 0.07%	13,473	+ 0.81%	- 5.14%	17,984	+ 1.68%	- 3.92%
	Q3	4,514	+ 7.25%	+ 0.29%	14,203	+ 7.33%	+ 4.32%	18,717	+ 7.31%	+ 3.32%
	Q2	4,501	+ 8.04%	+ 3.14%	13,615	+ 5.07%	+ 2.84%	18,116	+ 5.79%	+ 2.91%
	Q1	4,364	+ 9.81%	+ 0.97%	13,239	+ 7.32%	- 0.94%	17,603	+ 7.93%	- 0.47%
2010	Q4	4,322	+ 18.38%	+ 2.68%	13,365	+ 5.62%	+ 1.00%	17,687	+ 8.48%	+ 1.40%
	Q3	4,209	+ 10.85%	+ 1.03%	13,233	+ 0.17%	+ 2.12%	17,442	+ 2.55%	+ 1.86%
	Q2	4,166	+ 6.06%	+ 4.83%	12,958	- 11.40%	+ 5.04%	17,124	- 7.70%	+ 4.99%
	Q1	3,974	+ 5.86%	+ 8.85%	12,336	- 20.78%	- 2.51%	16,310	- 15.61%	+ 0.03%
2009	Q4	3,651	+ 1.14%	- 3.85%	12,654	- 17.48%	- 4.22%	16,305	- 13.93%	- 4.13%
	Q3	3,797	+ 10.25%	- 3.34%	13,211	- 10.65%	- 9.67%	17,008	- 6.70%	- 8.33%
	Q2	3,928	+ 19.17%	+ 4.64%	14,625	+ 5.58%	- 6.08%	18,553	+ 8.19%	- 4.00%