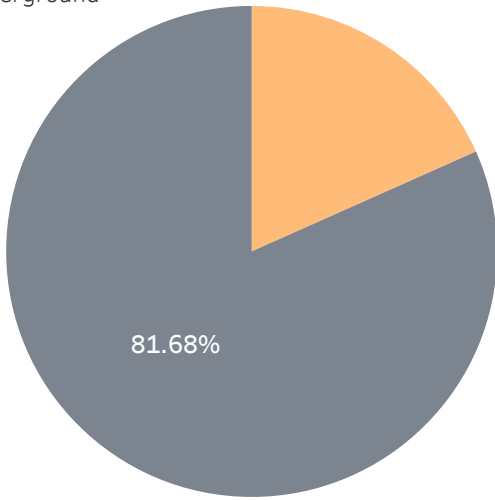
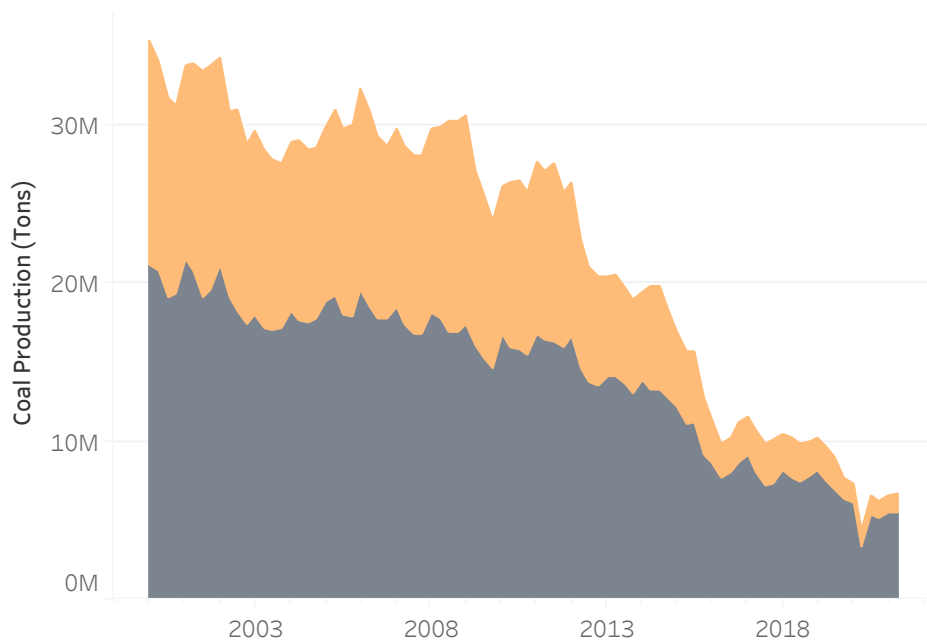


# Kentucky Quarterly Coal Report (2021 - Q2)

Mine Type  
 Surface  
 Underground



## Coal Production by Mine Type (2000 - Q1 to 2021 - Q2)

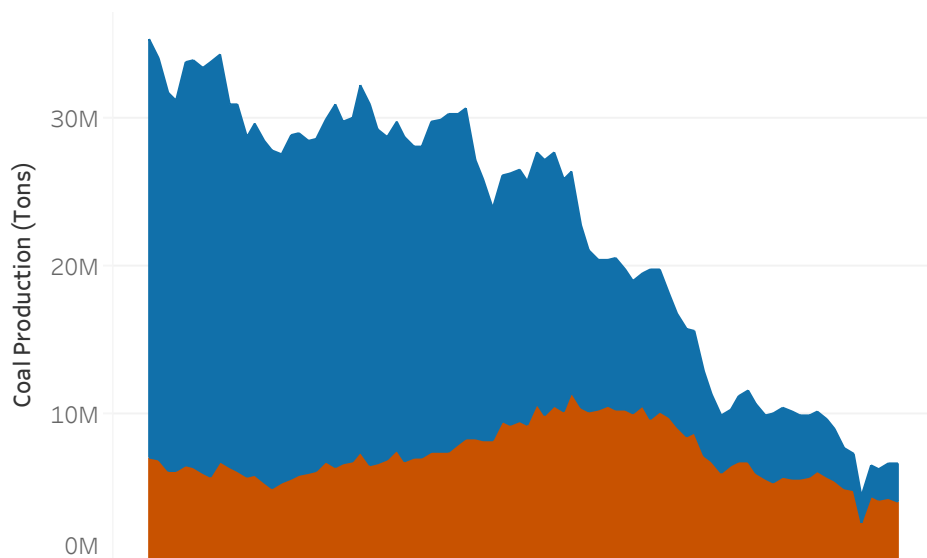
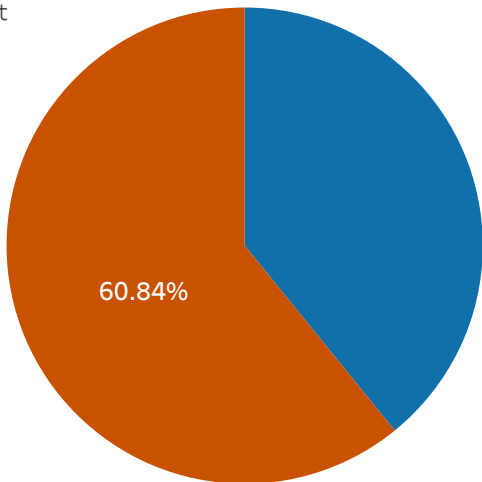


2003 2008 2013 2018

	Production	YoY change	Qtr change
<b>Total</b>	6,672,453	+ 53.33%	+ 1.55%
<b>Underground</b>	5,449,823	+ 65.30%	- 0.44%
<b>Surface</b>	1,222,630	+ 15.90%	+ 11.51%

## Coal Production by Region (2000 - Q1 to 2021 - Q2)

Region  
 East  
 West



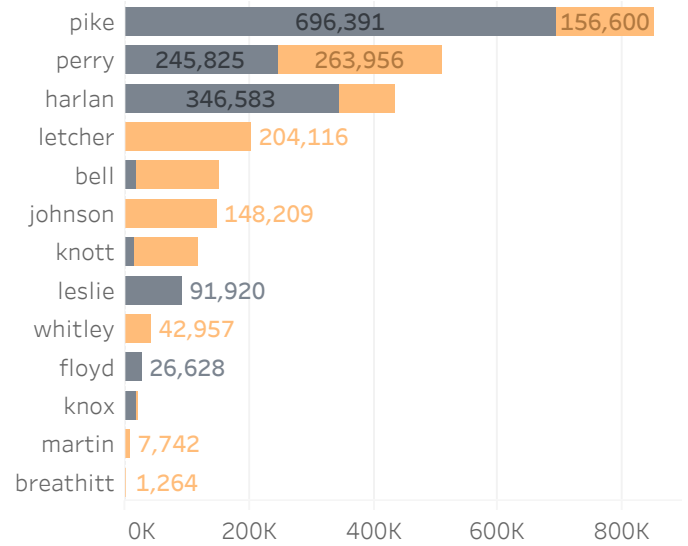
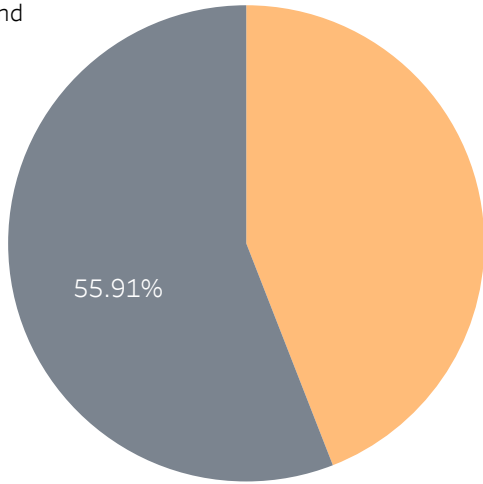
2003 2008 2013 2018

	Production	YoY change	Qtr change
<b>Total</b>	6,672,453	+ 53.33%	+ 1.55%
<b>East</b>	2,612,788	+ 45.99%	+ 13.98%
<b>West</b>	4,059,665	+ 58.45%	- 5.10%

# Eastern Kentucky (2021 - Q2)

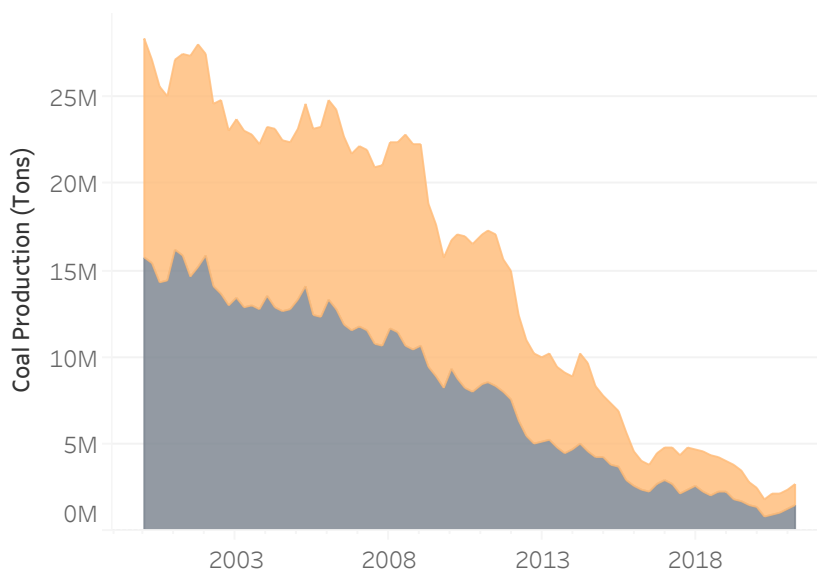
## Mine Type

- Surface
- Underground



	Production	YoY change	Qtr change
<b>Total</b>	2,612,788	+ 45.99%	+ 13.98%
<b>Surface</b>	1,152,064	+ 17.56%	+ 11.70%
<b>Underground</b>	1,460,724	+ 80.41%	+ 15.85%

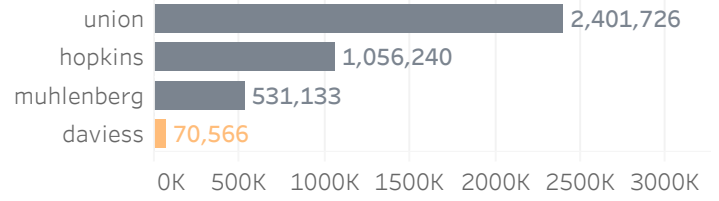
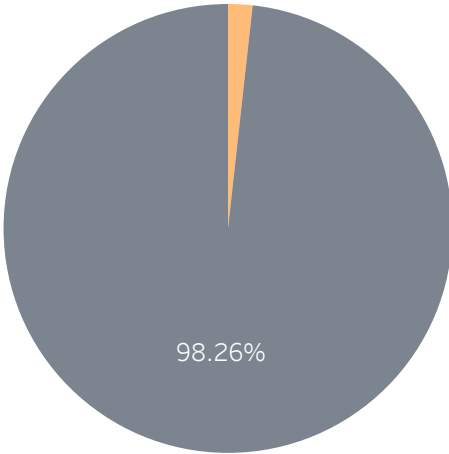
Eastern Kentucky Coal Production (2000 - Q1 to 2021 - Q2)



	County Coal Production	YoY change	Qtr change
<b>EKY Total</b>	2,612,788	+ 45.99%	+ 13.98%
<b>pike</b>	852,991	+ 108.89%	+ 10.97%
<b>perry</b>	509,781	+ 44.67%	+ 9.90%
<b>harlan</b>	436,325	+ 53.44%	+ 7.09%
<b>letcher</b>	204,116	+ 464.04%	+ 226.98%
<b>bell</b>	151,253	+ 31.60%	- 18.06%
<b>johnson</b>	148,209	+ 105.99%	+ 18.47%
<b>knott</b>	116,748	- 7.08%	+ 63.90%
<b>leslie</b>	91,920	- 40.32%	+ 1.12%
<b>whitley</b>	42,957	- 32.94%	+ 81.09%
<b>floyd</b>	26,628	- 77.54%	- 18.71%
<b>knox</b>	22,854	- 21.43%	- 40.42%
<b>martin</b>	7,742	- 68.92%	- 45.62%
<b>breathitt</b>	1,264	- 74.32%	- 52.94%

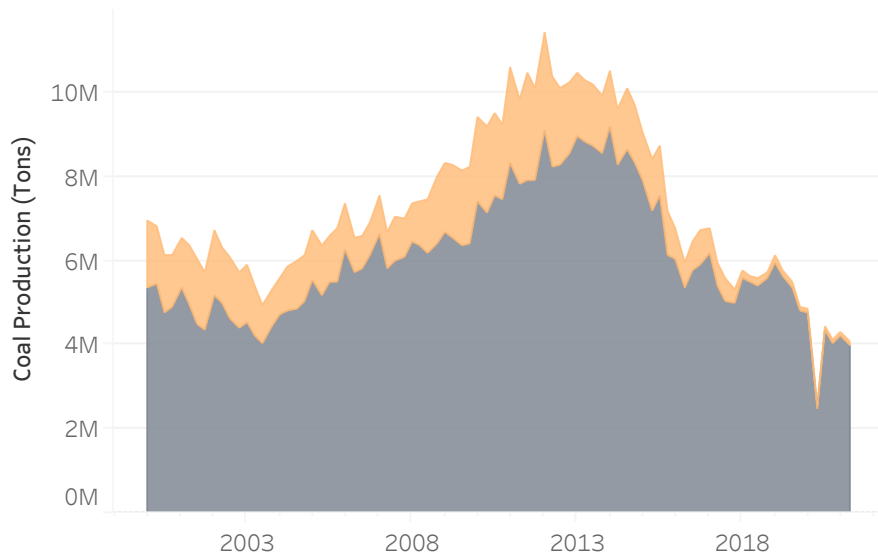
# Western Kentucky (2021 - Q2)

Mine Type  
■ Surface  
■ Underground



	Production	YoY change	Qtr change
Total	4,059,665	+ 58.45%	- 5.10%
Underground	3,989,099	+ 60.39%	- 5.31%
Surface	70,566	- 5.82%	+ 8.51%

Western Kentucky Coal Production (2000 - Q1 to 2021 - Q2)

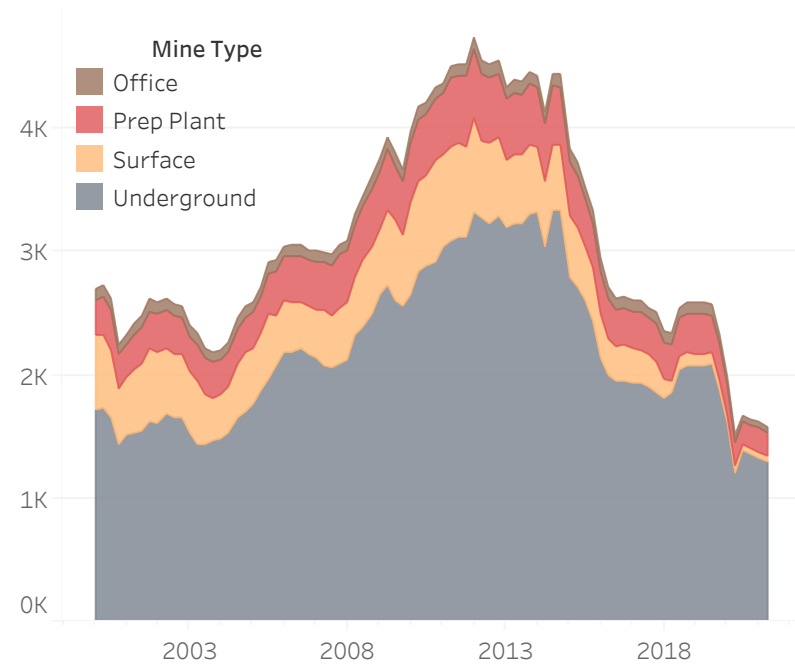
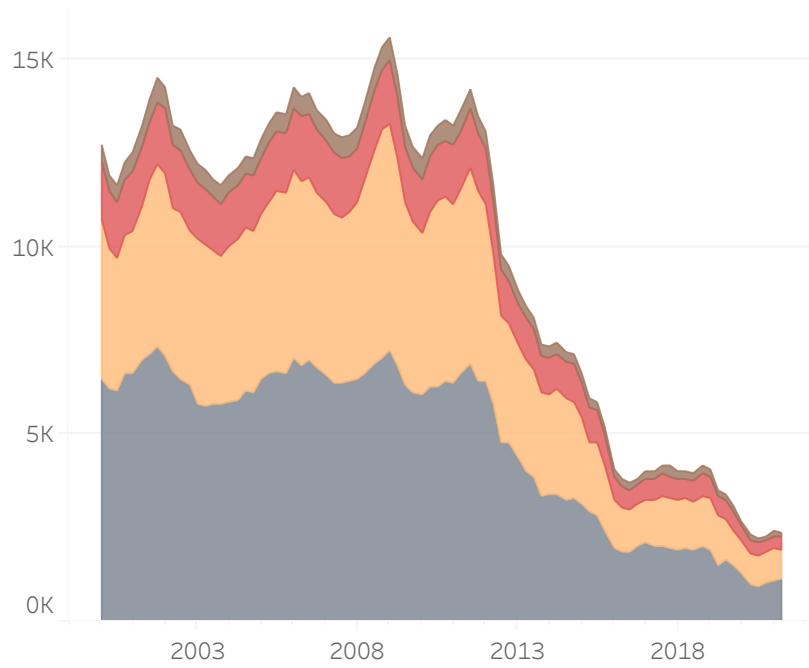


	County Coal Production	YoY change	Qtr change
WKY Total	4,059,665	+ 58.45%	- 5.10%
union	2,401,726	+ 79.40%	- 5.66%
hopkins	1,056,240	+ 91.70%	- 3.42%
muhlenberg	531,133	+ 0.37%	- 7.41%
daviess	70,566	- 5.82%	+ 8.51%

# Employment by Region (2021 - Q2)

East Kentucky Employment by Mine Type (2000 - Q1 to 2021 - Q2)

West Kentucky Employment by Mine Type (2000 - Q1 to 2021 - Q2)



	Emp	YoY pct change	YoY change	Qtr pct change	Qtr change
<b>EKY Total</b>	2,378	+ 3.57%	+82	- 0.8%	-20
pike	807	+ 25.12%	+162	- 1.0%	-8
perry	423	+ 19.83%	+70	+ 5.5%	+22
harlan	360	+ 26.76%	+76	+ 4.7%	+16
bell	222	+ 15.63%	+30	+ 11.6%	+23
leslie	116	- 41.71%	-83	- 17.1%	-24
letcher	83	+ 361.11%	+65	+ 9.2%	+7
knott	80	+ 6.67%	+5	- 12.1%	-11
whitley	61	- 28.24%	-24	- 18.7%	-14
johnson	59	+ 5.36%	+3	- 1.7%	-1
floyd	58	- 75.53%	-179	- 7.9%	-5
knox	38	- 35.59%	-21	- 17.4%	-8
martin	26	- 21.21%	-7	- 33.3%	-13
clay	15	- 28.57%	-6	+ 7.1%	+1
boyd	8	- 46.67%	-7	- 33.3%	-4
breathitt	4	- 20.00%	-1	- 20.0%	-1
magoffin	4	+ 33.33%	+1	+ 0.0%	-
mccreary	4	+ 0.00%	-	+ 0.0%	-
morgan	4	- 20.00%	-1	- 33.3%	-2
laurel	2			+ 0.0%	-
lawrence	2	- 71.43%	-5	+ 0.0%	-
lee	2				

	Emp	YoY pct change	YoY change	Qtr pct change	Qtr change
<b>WKY Total</b>	1,574	+ 4.65%	+70	- 2.66%	-43
union	768	+ 27.57%	+166	- 3.03%	-24
hopkins	461	+ 3.36%	+15	+ 0.00%	-
muhlenberg	254	+ 1.60%	+4	- 5.22%	-14
marshall	41	+ 2.50%	+1	+ 2.50%	+1
daviess	31	- 3.13%	-1	- 3.13%	-1
ohio	19	- 17.39%	-4	- 20.83%	-5

## Total Employees by Mine Type

	Total Workers	YoY pct change	Qtr pct change
<b>Total</b>	3,952	4.00%	- 1.57%
<b>Underground</b>	2,398	11.17%	+ 0.50%
<b>Surface</b>	846	-6.83%	- 7.74%
<b>Preparation Plant</b>	547	-1.26%	+ 0.37%
<b>Office</b>	161	-11.05%	- 3.59%

Coal Production Reference Table										
		West			East			Total		
		Production	YoY change	Qtr change	Production	YoY change	Qtr change	Production	YoY change	Qtr change
2021	Q2	4,059,665	+ 58.45%	- 5.10%	2,612,788	+ 45.99%	+ 13.98%	6,672,453	+ 53.33%	+ 1.55%
	Q1	4,278,043	- 11.35%	+ 4.37%	2,292,337	- 4.64%	+ 10.49%	6,570,380	- 9.12%	+ 6.43%
2020	Q4	4,098,927	- 16.08%	- 7.37%	2,074,646	- 24.81%	- 0.08%	6,173,573	- 19.23%	- 5.04%
	Q3	4,424,915	- 19.27%	+ 72.71%	2,076,401	- 40.09%	+ 16.02%	6,501,316	- 27.34%	+ 49.40%
	Q2	2,562,103	- 55.52%	- 46.91%	1,789,650	- 52.74%	- 25.55%	4,351,753	- 54.42%	- 39.81%
	Q1	4,825,923	- 21.07%	- 1.19%	2,403,944	- 40.08%	- 12.87%	7,229,867	- 28.60%	- 5.41%
2019	Q4	4,884,272	- 14.67%	- 10.89%	2,759,154	- 33.78%	- 20.39%	7,643,426	- 22.72%	- 14.57%
	Q3	5,481,282	- 1.52%	- 4.84%	3,465,971	- 19.08%	- 8.47%	8,947,253	- 9.16%	- 6.28%
	Q2	5,760,256	+ 2.65%	- 5.79%	3,786,533	- 16.40%	- 5.62%	9,546,789	- 5.86%	- 5.72%
	Q1	6,114,327	+ 6.19%	+ 6.82%	4,011,823	- 13.12%	- 3.72%	10,126,150	- 2.40%	+ 2.38%
2018	Q4	5,723,927	+ 7.72%	+ 2.84%	4,166,830	- 11.92%	- 2.72%	9,890,757	- 1.53%	+ 0.42%
	Q3	5,566,036	- 0.31%	- 0.81%	4,283,435	+ 0.00%	- 5.43%	9,849,471	- 0.18%	- 2.87%
	Q2	5,611,408	- 5.67%	- 2.54%	4,529,557	- 3.98%	- 1.90%	10,140,965	- 4.92%	- 2.26%
	Q1	5,757,753	- 14.82%	+ 8.36%	4,617,414	- 3.03%	- 2.39%	10,375,167	- 9.95%	+ 3.30%
2017	Q4	5,313,607	- 20.89%	- 4.83%	4,730,499	+ 6.23%	+ 10.43%	10,044,106	- 10.08%	+ 1.80%
	Q3	5,583,324	- 13.63%	- 6.15%	4,283,580	+ 13.61%	- 9.19%	9,866,904	- 3.60%	- 7.49%
	Q2	5,948,923	+ 0.18%	- 11.99%	4,717,177	+ 19.70%	- 0.93%	10,666,100	+ 7.97%	- 7.42%
	Q1	6,759,704	- 0.07%	+ 0.65%	4,761,666	+ 3.98%	+ 6.93%	11,521,370	+ 1.56%	+ 3.15%
2016	Q4	6,716,354	- 6.35%	+ 3.90%	4,453,095	- 20.56%	+ 18.10%	11,169,449	- 12.58%	+ 9.13%
	Q3	6,464,425	- 25.75%	+ 8.86%	3,770,467	- 45.49%	- 4.32%	10,234,892	- 34.49%	+ 3.60%
	Q2	5,938,328	- 29.27%	- 12.21%	3,940,873	- 45.72%	- 13.94%	9,879,201	- 36.90%	- 12.91%
	Q1	6,764,538	- 25.25%	- 5.68%	4,579,418	- 40.89%	- 18.31%	11,343,956	- 32.46%	- 11.22%
2015	Q4	7,171,565	- 26.04%	- 17.63%	5,605,880	- 32.90%	- 18.96%	12,777,445	- 29.21%	- 18.22%
	Q3	8,706,595	- 13.94%	+ 3.70%	6,917,488	- 28.36%	- 4.72%	15,624,083	- 20.98%	- 0.21%
	Q2	8,396,251	- 12.65%	- 7.22%	7,260,178	- 28.43%	- 6.29%	15,656,429	- 20.75%	- 6.79%
	Q1	9,049,591	- 13.98%	- 6.67%	7,747,488	- 13.02%	- 7.26%	16,797,079	- 13.54%	- 6.94%
2014	Q4	9,695,896	- 2.36%	- 4.16%	8,354,032	- 7.57%	- 13.48%	18,049,928	- 4.84%	- 8.71%
	Q3	10,116,906	- 0.90%	+ 5.25%	9,655,380	+ 2.01%	- 4.81%	19,772,286	+ 0.50%	+ 0.08%
	Q2	9,612,041	- 6.53%	- 8.63%	10,143,650	- 0.82%	+ 13.88%	19,755,691	- 3.68%	+ 1.69%
	Q1	10,519,840	+ 0.70%	+ 5.94%	8,907,349	- 10.26%	- 1.44%	19,427,189	- 4.64%	+ 2.42%
2013	Q4	9,930,116	- 2.76%	- 2.73%	9,037,810	- 11.44%	- 4.52%	18,967,926	- 7.10%	- 3.59%
	Q3	10,209,207	+ 1.30%	- 0.73%	9,465,550	- 13.27%	- 7.45%	19,674,757	- 6.28%	- 4.08%
	Q2	10,283,803	- 0.70%	- 1.55%	10,227,157	- 17.17%	+ 3.03%	20,510,960	- 9.66%	+ 0.68%
	Q1	10,446,242	- 8.36%	+ 2.29%	9,925,957	- 33.56%	- 2.74%	20,372,199	- 22.66%	- 0.22%
2012	Q4	10,212,118	+ 1.02%	+ 1.32%	10,205,535	- 34.77%	- 6.49%	20,417,653	- 20.72%	- 2.74%
	Q3	10,078,665	- 3.70%	- 2.68%	10,913,823	- 36.20%	- 11.61%	20,992,488	- 23.86%	- 7.54%
	Q2	10,356,005	+ 5.26%	- 9.15%	12,347,674	- 28.43%	- 17.36%	22,703,679	- 16.19%	- 13.81%
	Q1	11,399,527	+ 7.44%	+ 12.77%	14,940,847	- 12.33%	- 4.50%	26,340,374	- 4.75%	+ 2.28%
2011	Q4	10,108,522	+ 9.29%	- 3.42%	15,645,420	- 5.15%	- 8.54%	25,753,942	+ 0.04%	- 6.60%
	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	- 3.97%	- 0.94%	26,416,556	+ 2.59%	+ 0.62%
	Q2	9,171,091	+ 10.95%	- 2.65%	17,082,842	- 9.24%	+ 2.42%	26,253,933	- 3.08%	+ 0.59%
	Q1	9,421,068	+ 13.06%	+ 14.55%	16,678,615	- 24.96%	+ 6.28%	26,099,683	- 14.59%	+ 9.12%
2009	Q4	8,224,772	+ 3.14%	+ 1.18%	15,693,233	- 29.41%	- 10.94%	23,918,005	- 20.82%	- 7.11%
	Q3	8,128,670	+ 9.45%	- 1.66%	17,621,006	- 22.59%	- 6.38%	25,749,676	- 14.71%	- 4.94%
	Q2	8,266,060	+ 11.58%	- 0.80%	18,822,045	- 15.91%	- 15.32%	27,088,105	- 9.07%	- 11.36%
	Q1	8,332,597	+ 13.24%	+ 4.49%	22,225,993	- 0.41%	- 0.03%	30,558,590	+ 2.98%	+ 1.17%
2008	Q4	7,974,371	+ 13.74%	+ 7.37%	22,231,622	+ 5.87%	- 2.34%	30,205,993	+ 7.84%	+ 0.05%

		West			East			Total		
		Emp	YoY change	Qtr change	Emp	YoY change	Qtr change	Emp	YoY change	Qtr change
2021	Q2	1,574	+ 4.65%	- 2.66%	2,378	+ 3.57%	- 0.83%	3,952	+ 4.00%	- 1.57%
	Q1	1,617	- 18.00%	- 1.52%	2,398	- 10.89%	+ 5.83%	4,015	- 13.90%	+ 2.74%
2020	Q4	1,642	- 29.44%	- 1.79%	2,266	- 26.43%	+ 2.12%	3,908	- 27.72%	+ 0.44%
	Q3	1,672	- 34.92%	+ 11.17%	2,219	- 34.62%	- 3.35%	3,891	- 34.75%	+ 2.39%
	Q2	1,504	- 41.66%	- 23.73%	2,296	- 34.51%	- 14.68%	3,800	- 37.54%	- 18.51%
	Q1	1,972	- 23.48%	- 15.26%	2,691	- 33.29%	- 12.63%	4,663	- 29.47%	- 13.76%
2019	Q4	2,327	- 9.70%	- 9.42%	3,080	- 25.69%	- 9.25%	5,407	- 19.56%	- 9.32%
	Q3	2,569	+ 1.26%	- 0.35%	3,394	- 14.12%	- 3.19%	5,963	- 8.11%	- 1.99%
	Q2	2,578	+ 10.45%	+ 0.04%	3,506	- 12.02%	- 13.09%	6,084	- 3.72%	- 7.97%
	Q1	2,577	+ 9.85%	+ 0.00%	4,034	+ 1.05%	- 2.68%	6,611	+ 4.31%	- 1.65%
2018	Q4	2,577	+ 3.12%	+ 1.58%	4,145	+ 0.36%	+ 4.88%	6,722	+ 1.40%	+ 3.59%
	Q3	2,537	- 0.20%	+ 8.70%	3,952	- 4.98%	- 0.83%	6,489	- 3.16%	+ 2.69%
	Q2	2,334	- 10.37%	- 0.51%	3,985	- 0.08%	- 0.18%	6,319	- 4.14%	- 0.30%
	Q1	2,346	- 9.56%	- 6.12%	3,992	+ 0.15%	- 3.34%	6,338	- 3.68%	- 4.39%
2017	Q4	2,499	- 5.05%	- 1.69%	4,130	+ 8.46%	- 0.70%	6,629	+ 2.93%	- 1.07%
	Q3	2,542	- 2.61%	- 2.38%	4,159	+ 13.26%	+ 4.29%	6,701	+ 6.67%	+ 1.65%
	Q2	2,604	- 3.70%	+ 0.39%	3,988	+ 4.59%	+ 0.05%	6,592	+ 1.15%	+ 0.18%
	Q1	2,594	- 11.62%	- 1.44%	3,986	- 2.14%	+ 4.67%	6,580	- 6.11%	+ 2.17%
2016	Q4	2,632	- 20.82%	+ 0.84%	3,808	- 26.44%	+ 3.70%	6,440	- 24.24%	+ 2.52%
	Q3	2,610	- 25.87%	- 3.48%	3,672	- 37.32%	- 3.70%	6,282	- 33.02%	- 3.61%
	Q2	2,704	- 27.23%	- 7.87%	3,813	- 35.65%	- 6.38%	6,517	- 32.40%	- 7.01%
	Q1	2,935	- 23.29%	- 11.70%	4,073	- 38.44%	- 21.33%	7,008	- 32.89%	- 17.56%
2015	Q4	3,324	- 24.98%	- 5.60%	5,177	- 27.32%	- 11.63%	8,501	- 26.42%	- 9.36%
	Q3	3,521	- 20.68%	- 5.25%	5,858	- 18.32%	- 1.13%	9,379	- 19.22%	- 2.72%
	Q2	3,716	- 9.92%	- 2.88%	5,925	- 20.09%	- 10.44%	9,641	- 16.46%	- 7.67%
	Q1	3,826	- 13.54%	- 13.65%	6,616	- 9.47%	- 7.12%	10,442	- 11.00%	- 9.62%
2014	Q4	4,431	- 0.40%	- 0.18%	7,123	- 3.29%	- 0.68%	11,554	- 2.20%	- 0.49%
	Q3	4,439	+ 1.63%	+ 7.61%	7,172	- 11.52%	- 3.28%	11,611	- 6.92%	+ 0.62%
	Q2	4,125	- 6.02%	- 6.78%	7,415	- 11.77%	+ 1.46%	11,540	- 9.79%	- 1.64%
	Q1	4,425	+ 2.29%	- 0.54%	7,308	- 17.00%	- 0.77%	11,733	- 10.65%	- 0.69%
2013	Q4	4,449	- 2.07%	+ 1.85%	7,365	- 22.30%	- 9.14%	11,814	- 15.75%	- 5.29%
	Q3	4,368	- 3.23%	- 0.48%	8,106	- 17.24%	- 3.55%	12,474	- 12.82%	- 2.49%
	Q2	4,389	- 3.47%	+ 1.46%	8,404	- 27.82%	- 4.55%	12,793	- 20.98%	- 2.57%
	Q1	4,326	- 8.52%	- 4.78%	8,805	- 32.76%	- 7.11%	13,131	- 26.33%	- 6.35%
2012	Q4	4,543	+ 0.71%	+ 0.64%	9,479	- 29.56%	- 3.22%	14,022	- 21.96%	- 2.00%
	Q3	4,514	+ 0.00%	- 0.73%	9,794	- 31.04%	- 15.88%	14,308	- 23.56%	- 11.62%
	Q2	4,547	+ 1.02%	- 3.85%	11,643	- 14.48%	- 11.09%	16,190	- 10.63%	- 9.17%
	Q1	4,729	+ 8.36%	+ 4.83%	13,095	- 1.09%	- 2.69%	17,824	+ 1.26%	- 0.80%
2011	Q4	4,511	+ 4.37%	- 0.07%	13,457	+ 0.69%	- 5.25%	17,968	+ 1.59%	- 4.00%
	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	+ 0.15%	+ 2.12%	17,442	+ 2.54%	+ 1.86%
	Q2	4,166	+ 6.06%	+ 4.83%	12,958	- 11.41%	+ 5.04%	17,124	- 7.71%	+ 4.99%
	Q1	3,974	+ 5.86%	+ 8.85%	12,336	- 20.79%	- 2.51%	16,310	- 15.61%	+ 0.03%
2009	Q4	3,651	+ 1.14%	- 3.85%	12,654	- 17.49%	- 4.23%	16,305	- 13.94%	- 4.14%
	Q3	3,797	+ 10.25%	- 3.34%	13,213	- 10.65%	- 9.67%	17,010	- 6.70%	- 8.33%
	Q2	3,928	+ 19.17%	+ 4.64%	14,627	+ 5.58%	- 6.08%	18,555	+ 8.19%	- 4.00%
	Q1	3,754	+ 22.00%	+ 3.99%	15,574	+ 18.19%	+ 1.55%	19,328	+ 18.91%	+ 2.01%
2008	Q4	3,610	+ 18.32%	+ 4.82%	15,337	+ 18.24%	+ 3.71%	18,947	+ 18.26%	+ 3.92%