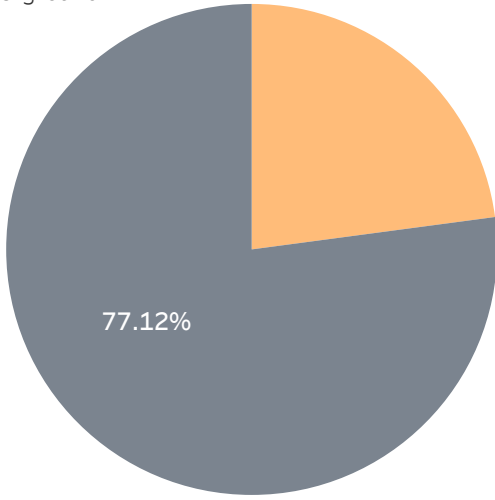
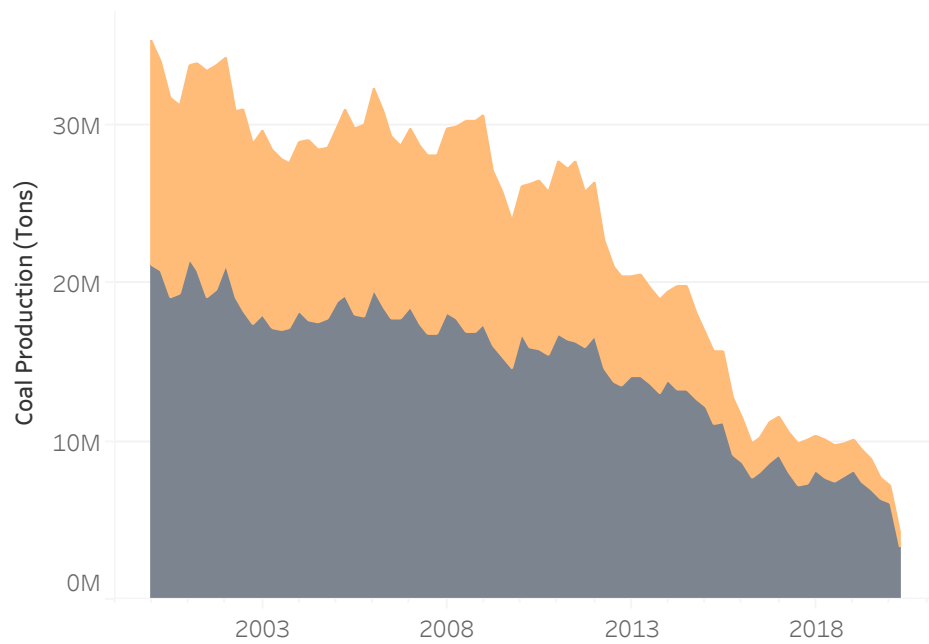


Kentucky Quarterly Coal Report (2020 - Q2)

Mine Type
 Surface
 Underground



Coal Production by Mine Type (2000 - Q1 to 2020 - Q2)

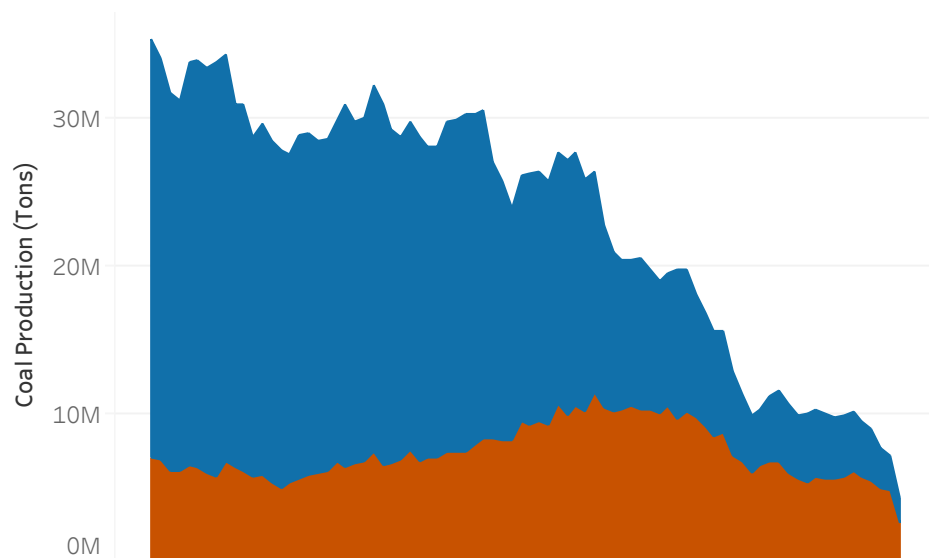
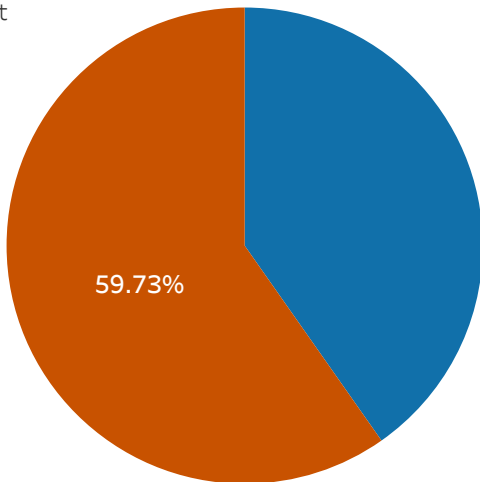


2003 2008 2013 2018

	Production	YOY Change	Qtr Change
Total	4,289,144	- 54.86%	- 40.40%
Underground	3,307,575	- 55.44%	- 45.18%
Surface	981,569	- 52.81%	- 15.56%

Coal Production by Region (2000 - Q1 to 2020 - Q2)

Region
 East
 West

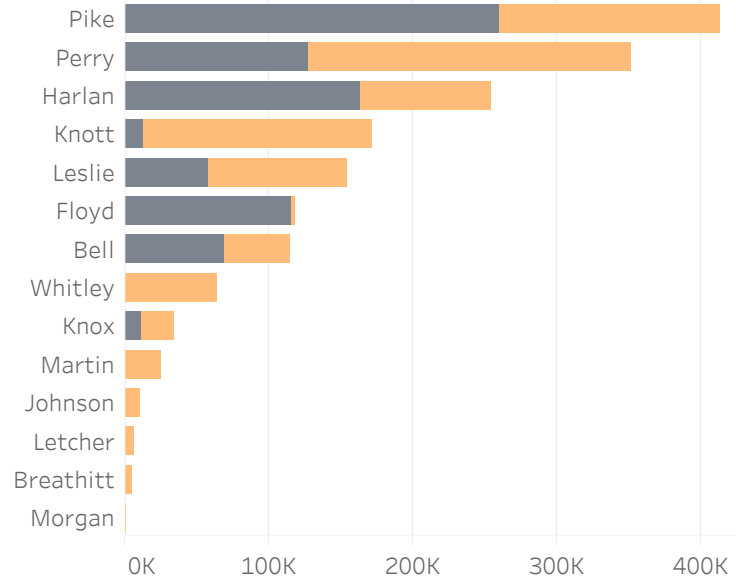
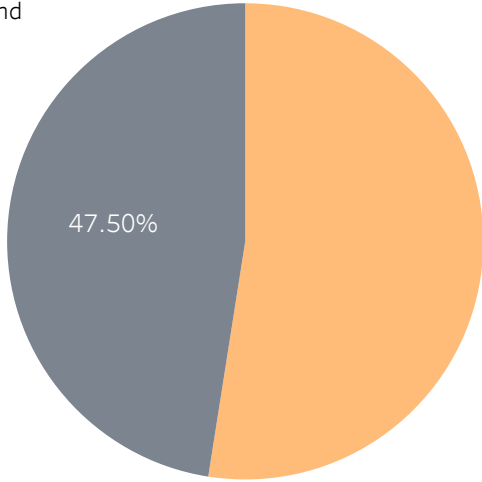


2003 2008 2013 2018

	Production	YOY Change	Qtr Change
Total	4,289,144	- 54.86%	- 40.40%
East	1,727,041	- 53.85%	- 27.14%
West	2,562,103	- 55.52%	- 46.91%

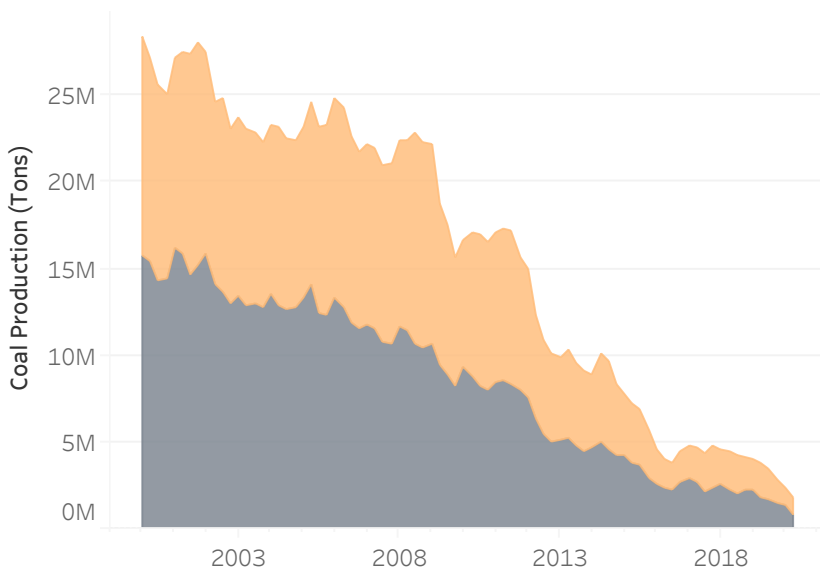
Eastern Kentucky (2020 - Q2)

Mine Type
■ Surface
■ Underground



	Production	YOY Change	Qtr Change
Total	1,727,041	- 53.85%	- 27.14%
Surface	906,643	- 52.94%	- 16.62%
Underground	820,398	- 54.81%	- 36.06%

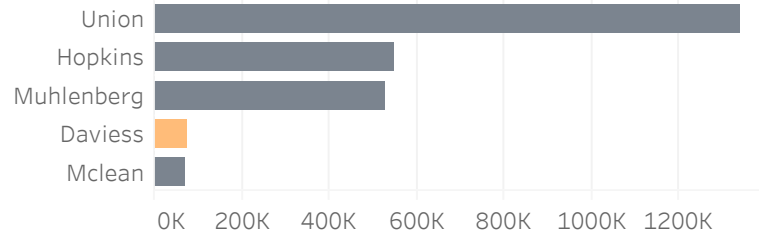
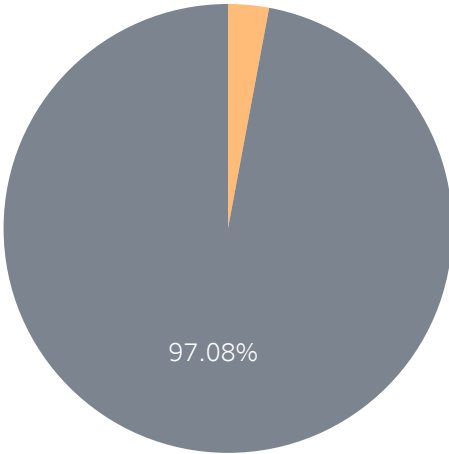
Eastern Kentucky Coal Production (2000 - Q1 to 2020 - Q2)



	County Coal Production	Production YOY Change	Production Qtr Change
Pike	413,650	- 45.08%	- 15.55%
Perry	352,386	- 56.46%	- 23.02%
Harlan	254,311	- 45.81%	- 26.43%
Knott	172,096	- 12.92%	+ 15.46%
Leslie	154,015	- 50.14%	- 46.10%
Floyd	118,579	- 62.49%	- 51.02%
Bell	114,937	- 51.82%	- 23.58%
Whitley	64,061	- 38.02%	+ 8.85%
Knox	34,525	- 48.72%	+ 28.23%
Martin	24,909	- 81.89%	- 61.09%
Johnson	11,240	- 92.58%	- 87.48%
Letcher	7,161	- 80.72%	- 2.37%
Breathitt	4,922	+ 3.19%	
Morgan	249	- 99.19%	- 84.03%

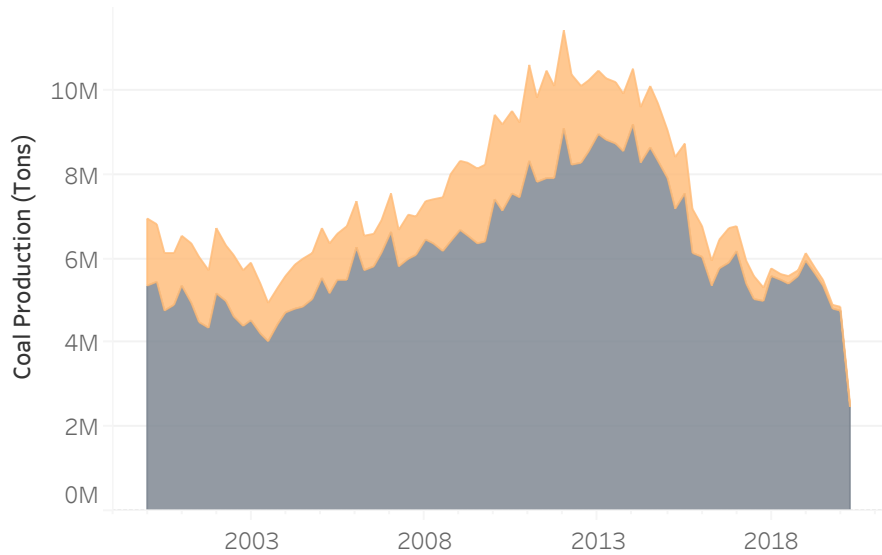
Western Kentucky (2020 - Q2)

Mine Type
 Surface
 Underground



	Production	YOY Change	Qtr Change
Total	2,562,103	-55.52%	-46.91%
Underground	2,487,177	-55.64%	-47.65%
Surface	74,926	-51.06%	-0.17%

Western Kentucky Coal Production (2000 - Q1 to 2020 - Q2)

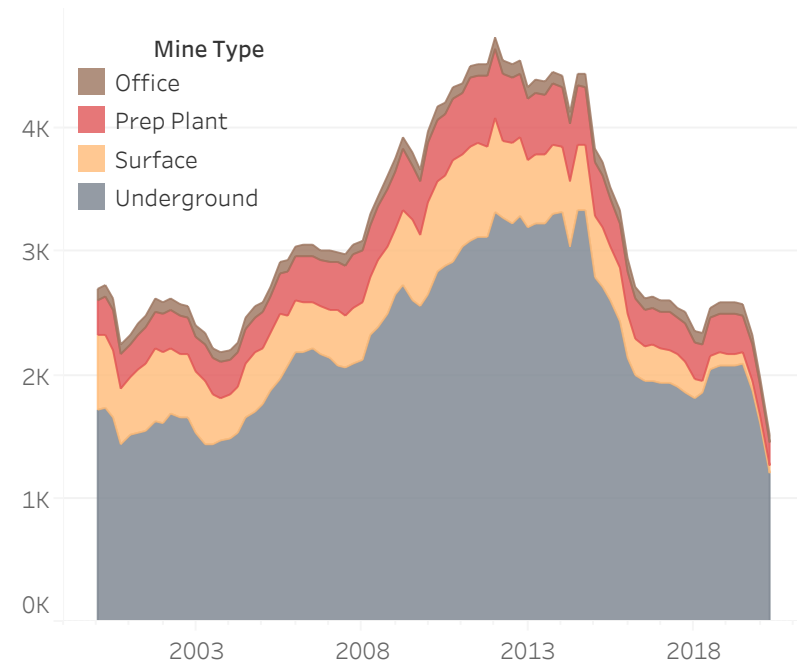
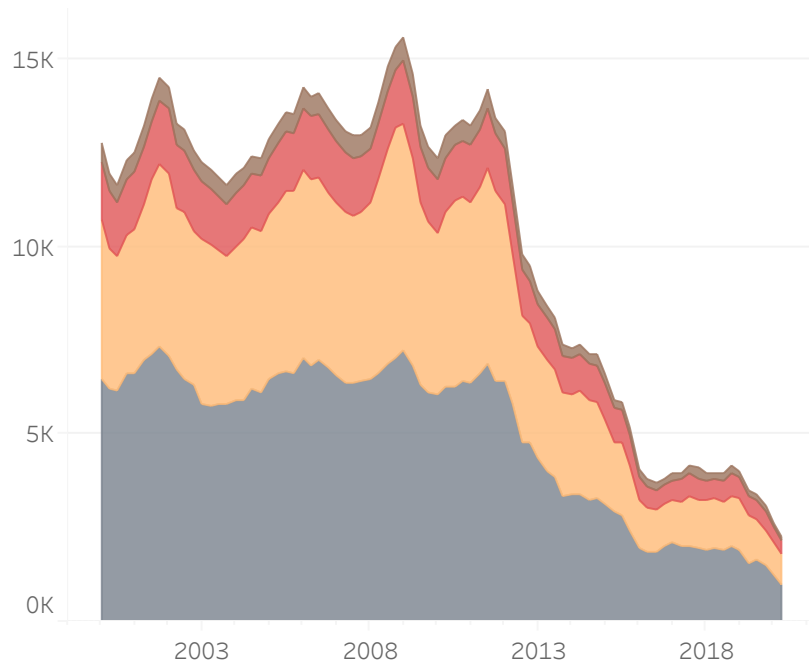


	County Coal Production	Production YOY Change	Production Qtr Change
Union	1,338,742	- 51.32%	- 52.83%
Hopkins	550,983	- 33.47%	- 44.36%
Muhlenberg	529,168	+ 1.87%	+ 10.43%
Daviess	74,926	+ 20.99%	- 0.17%
McLean	68,284	- 81.56%	- 64.45%

Employment by Region (2020 - Q2)

East Kentucky Employment by Mine Type (2000 - Q1 to 2020 - Q2)

West Kentucky Employment by Mine Type (2000 - Q1 to 2020 - Q2)



	Employment	YOY Emp Change	YOY % Change	Qtr Emp Change	Qtr % Change
East	2,256	-1,239	-35.45%	-380	-14.42%
Pike	643	-254	-28.32%	-45	-6.54%
Perry	353	-273	-43.61%	-8	-2.22%
Harlan	278	-190	-40.60%	-225	-44.73%
Floyd	237	-20	-7.78%	-16	-6.32%
Leslie	199	+9	+4.74%	-1	-0.50%
Bell	189	-164	-46.46%	-2	-1.05%
Whitley	85	-51	-37.50%	-10	-10.53%
Knott	79	-56	-41.48%	+3	+3.95%
Knox	64	+21	+48.84%	+7	+12.28%
Martin	33	-60	-64.52%	-52	-61.18%
Johnson	29	-31	-51.67%	-29	-50.00%
Clay	21	+1	+5.00%	+2	+10.53%
Letcher	14	-78	-84.78%	-2	-12.50%
Boyd	8	-31	-79.49%	-8	-50.00%
Lawrence	7	-9	-56.25%	+2	+40.00%
Breathitt	5	-3	-37.50%	+2	+66.67%
Morgan	5	-11	-68.75%	+4	+400.00%
Mccreary	4	+0	+0.00%	+0	+0.00%
Magoffin	3	-37	-92.50%	-2	-40.00%

	Employment	YOY Emp Change	YOY % Change	Qtr Emp Change	Qtr % Change
West	1,504	-1,074	-41.66%	-468	-23.73%
Union	602	-302	-33.41%	-310	-33.99%
Hopkins	446	+0	+0.00%	-33	-6.89%
Muhlenberg	250	-47	-15.82%	36	+16.82%
McLean	111	-151	-57.63%	-4	-3.48%
Marshall	40	-11	-21.57%	-1	-2.44%
Daviess	32	+2	+6.67%	1	+3.23%
Ohio	23	-322	-93.33%	-142	-86.06%
Webster	0	-230	-100.00%	-15	-100.00%

Total Employees by Mine Type

	Total Workers	YOY % Change	YOY Emp Change	Qtr % Change	Qtr Emp Change
Underground	2,157	-39.68%	-1,419	-24.00%	-681
Surface	875	-37.19%	-518	-3.95%	-36
Preparation Plant	547	-34.33%	-286	-17.25%	-114
Office	181	-33.21%	-90	-8.59%	-17
Total	3,760	-38.09%	-2,313	-18.40%	-848

		West			East			Total		
		Production	YOY Change	Qtr Change	Production	YOY Change	Qtr Change	Production	YOY Change	Qtr Change
2020	Q2	2,562,103	-55.52%	-46.91%	1,727,041	-53.85%	-27.14%	4,289,144	-54.86%	-40.40%
	Q1	4,825,923	-21.07%	-1.19%	2,370,387	-40.02%	-14.37%	7,196,310	-28.51%	-5.96%
2019	Q4	4,884,272	-14.67%	-10.89%	2,768,309	-32.66%	-18.84%	7,652,581	-22.19%	-13.94%
	Q3	5,481,282	-1.52%	-4.84%	3,411,012	-18.64%	-8.85%	8,892,294	-8.88%	-6.42%
	Q2	5,760,256	+2.65%	-5.79%	3,742,253	-15.38%	-5.31%	9,502,509	-5.30%	-5.60%
	Q1	6,114,327	+6.19%	+6.82%	3,951,992	-13.03%	-3.87%	10,066,319	-2.29%	+2.35%
2018	Q4	5,723,927	+7.72%	+2.84%	4,111,160	-12.82%	-1.94%	9,835,087	-1.94%	+0.78%
	Q3	5,566,036	-0.31%	-0.81%	4,192,699	-1.94%	-5.20%	9,758,735	-1.01%	-2.74%
	Q2	5,611,408	-5.67%	-2.54%	4,422,621	-5.03%	-2.67%	10,034,029	-5.39%	-2.60%
	Q1	5,757,753	-14.82%	+8.36%	4,544,055	-4.41%	-3.64%	10,301,808	-10.52%	+2.72%
2017	Q4	5,313,607	-20.89%	-4.83%	4,715,732	+5.70%	+10.30%	10,029,339	-10.28%	+1.73%
	Q3	5,583,324	-13.63%	-6.15%	4,275,455	+13.47%	-8.19%	9,858,779	-3.65%	-7.04%
	Q2	5,948,923	+0.18%	-11.99%	4,656,786	+18.31%	-2.04%	10,605,709	+7.41%	-7.88%
	Q1	6,759,704	-0.07%	+0.65%	4,753,748	+3.80%	+6.55%	11,513,452	+1.49%	+3.00%
2016	Q4	6,716,354	-6.35%	+3.90%	4,461,567	-20.44%	+18.41%	11,177,921	-12.53%	+9.24%
	Q3	6,464,425	-25.75%	+8.86%	3,767,919	-45.39%	-4.27%	10,232,344	-34.43%	+3.62%
	Q2	5,938,328	-29.27%	-12.21%	3,936,114	-45.51%	-14.05%	9,874,442	-36.78%	-12.96%
	Q1	6,764,538	-25.25%	-5.68%	4,579,673	-40.84%	-18.33%	11,344,211	-32.44%	-11.23%
2015	Q4	7,171,565	-26.04%	-17.63%	5,607,867	-32.66%	-18.72%	12,779,432	-29.10%	-18.11%
	Q3	8,706,595	-13.94%	+3.70%	6,899,615	-28.30%	-4.48%	15,606,210	-20.94%	-0.09%
	Q2	8,396,251	-12.65%	-7.22%	7,223,367	-28.54%	-6.70%	15,619,618	-20.80%	-6.98%
	Q1	9,049,591	-13.98%	-6.67%	7,741,756	-12.83%	-7.04%	16,791,347	-13.45%	-6.84%
2014	Q4	9,695,896	-2.36%	-4.16%	8,328,235	-7.78%	-13.45%	18,024,131	-4.94%	-8.69%
	Q3	10,116,906	-0.90%	+5.25%	9,622,538	+1.57%	-4.81%	19,739,444	+0.29%	+0.09%
	Q2	9,612,041	-6.53%	-8.63%	10,108,702	-1.53%	+13.83%	19,720,743	-4.03%	+1.65%
	Q1	10,519,840	+0.70%	+5.94%	8,880,871	-10.32%	-1.66%	19,400,711	-4.66%	+2.32%
2013	Q4	9,930,116	-2.76%	-2.73%	9,030,912	-10.74%	-4.67%	18,961,028	-6.73%	-3.67%
	Q3	10,209,207	+1.30%	-0.73%	9,473,785	-12.59%	-7.72%	19,682,992	-5.90%	-4.22%
	Q2	10,283,803	-0.70%	-1.55%	10,266,020	-16.41%	+3.67%	20,549,823	-9.22%	+0.99%
	Q1	10,446,242	-8.36%	+2.29%	9,903,040	-33.59%	-2.12%	20,349,282	-22.66%	+0.10%
2012	Q4	10,212,118	+1.02%	+1.32%	10,117,367	-35.37%	-6.65%	20,329,485	-21.09%	-2.81%
	Q3	10,078,665	-3.70%	-2.68%	10,838,341	-36.72%	-11.75%	20,917,006	-24.20%	-7.60%
	Q2	10,356,005	+5.26%	-9.15%	12,280,901	-28.87%	-17.64%	22,636,906	-16.48%	-13.96%
	Q1	11,399,527	+7.44%	+12.77%	14,911,428	-12.51%	-4.74%	26,310,955	-4.86%	+2.13%
2011	Q4	10,108,522	+9.29%	-3.42%	15,653,628	-5.12%	-8.61%	25,762,150	+0.06%	-6.64%
	Q3	10,466,346	+10.24%	+6.38%	17,128,371	+1.40%	-0.80%	27,594,717	+4.58%	+1.81%
	Q2	9,838,635	+7.28%	-7.28%	17,265,934	+1.33%	+1.30%	27,104,569	+3.41%	-1.99%
	Q1	10,610,622	+12.63%	+14.72%	17,044,157	+2.41%	+3.31%	27,654,779	+6.10%	+7.41%
2010	Q4	9,249,023	+12.45%	-2.59%	16,497,533	+5.39%	-2.33%	25,746,556	+7.82%	-2.42%
	Q3	9,494,482	+16.80%	+3.53%	16,891,777	-3.72%	-0.87%	26,386,259	+2.78%	+0.67%
	Q2	9,171,091	+10.95%	-2.65%	17,039,368	-9.00%	+2.38%	26,210,459	-2.89%	+0.56%
	Q1	9,421,068	+13.06%	+14.55%	16,642,680	-24.94%	+6.32%	26,063,748	-14.56%	+9.15%
2009	Q4	8,224,772	+3.14%	+1.18%	15,653,974	-29.55%	-10.77%	23,878,746	-20.92%	-6.99%
	Q3	8,128,670	+9.45%	-1.66%	17,544,112	-22.93%	-6.31%	25,672,782	-14.96%	-4.88%
	Q2	8,266,060	+11.58%	-0.80%	18,724,984	-16.34%	-15.54%	26,991,044	-9.40%	-11.52%
	Q1	8,332,597	+13.24%	+4.49%	22,171,206	-0.64%	-0.23%	30,503,803	+2.81%	+1.02%
2008	Q4	7,974,371	+13.74%	+7.37%	22,221,432	+5.84%	-2.38%	30,195,803	+7.81%	+0.02%
	Q3	7,426,744	+5.80%	+0.25%	22,763,129	+8.68%	+1.70%	30,189,873	+7.96%	+1.34%
	Q2	7,408,039	+10.87%	+0.68%	22,382,232	+2.08%	+0.31%	29,790,271	+4.13%	+0.40%
	Q1	7,358,124	-2.60%	+4.95%	22,313,011	+0.79%	+6.27%	29,671,135	-0.07%	+5.94%
2007	Q4	7,011,341	+1.46%	-0.11%	20,995,717	-3.45%	+0.24%	28,007,058	-2.27%	+0.15%
	Q3	7,019,398	+6.84%	+5.06%	20,945,339	-7.49%	-4.47%	27,964,737	-4.26%	-2.25%

		West			East			Total		
		Employees	YOY Change	Qtr Change	Employees	YOY Change	Qtr Change	Employees	YOY Change	Qtr Change
2020	Q2	1,504	-41.66%	-23.73%	2,256	-35.45%	-14.42%	3,760	-38.09%	-18.40%
	Q1	1,972	-23.48%	-15.26%	2,636	-34.23%	-14.05%	4,608	-30.02%	-14.57%
2019	Q4	2,327	-9.70%	-9.42%	3,067	-25.63%	-9.39%	5,394	-19.50%	-9.41%
	Q3	2,569	+1.26%	-0.35%	3,385	-13.63%	-3.15%	5,954	-7.78%	-1.96%
	Q2	2,578	+10.45%	+0.04%	3,495	-11.68%	-12.80%	6,073	-3.47%	-7.78%
	Q1	2,577	+9.85%	+0.00%	4,008	+1.08%	-2.81%	6,585	+4.34%	-1.73%
2018	Q4	2,577	+3.12%	+1.58%	4,124	+0.41%	+5.23%	6,701	+1.44%	+3.79%
	Q3	2,537	-0.20%	+8.70%	3,919	-5.13%	-0.96%	6,456	-3.25%	+2.62%
	Q2	2,334	-10.37%	-0.51%	3,957	-0.13%	-0.20%	6,291	-4.19%	-0.32%
	Q1	2,346	-9.56%	-6.12%	3,965	-0.05%	-3.46%	6,311	-3.81%	-4.47%
2017	Q4	2,499	-5.05%	-1.69%	4,107	+7.91%	-0.58%	6,606	+2.61%	-1.00%
	Q3	2,542	-2.61%	-2.38%	4,131	+12.50%	+4.27%	6,673	+6.22%	+1.63%
	Q2	2,604	-3.70%	+0.39%	3,962	+3.91%	-0.13%	6,566	+0.75%	+0.08%
	Q1	2,594	-11.62%	-1.44%	3,967	-2.51%	+4.23%	6,561	-6.32%	+1.91%
2016	Q4	2,632	-20.82%	+0.84%	3,806	-26.45%	+3.65%	6,438	-24.25%	+2.48%
	Q3	2,610	-25.87%	-3.48%	3,672	-37.26%	-3.70%	6,282	-32.98%	-3.61%
	Q2	2,704	-27.23%	-7.87%	3,813	-35.49%	-6.29%	6,517	-32.30%	-6.95%
	Q1	2,935	-23.29%	-11.70%	4,069	-38.34%	-21.37%	7,004	-32.82%	-17.59%
2015	Q4	3,324	-24.98%	-5.60%	5,175	-27.13%	-11.58%	8,499	-26.31%	-9.33%
	Q3	3,521	-20.68%	-5.25%	5,853	-18.03%	-0.98%	9,374	-19.04%	-2.63%
	Q2	3,716	-9.92%	-2.88%	5,911	-19.96%	-10.43%	9,627	-16.36%	-7.65%
	Q1	3,826	-13.54%	-13.65%	6,599	-9.57%	-7.08%	10,425	-11.06%	-9.61%
2014	Q4	4,431	-0.40%	-0.18%	7,102	-3.43%	-0.53%	11,533	-2.29%	-0.40%
	Q3	4,439	+1.63%	+7.61%	7,140	-11.84%	-3.32%	11,579	-7.12%	+0.60%
	Q2	4,125	-6.02%	-6.78%	7,385	-12.18%	+1.21%	11,510	-10.06%	-1.81%
	Q1	4,425	+2.29%	-0.54%	7,297	-17.01%	-0.78%	11,722	-10.65%	-0.69%
2013	Q4	4,449	-2.07%	+1.85%	7,354	-22.28%	-9.20%	11,803	-15.72%	-5.33%
	Q3	4,368	-3.23%	-0.48%	8,099	-17.15%	-3.69%	12,467	-12.76%	-2.59%
	Q2	4,389	-3.47%	+1.46%	8,409	-27.66%	-4.37%	12,798	-20.86%	-2.45%
	Q1	4,326	-8.52%	-4.78%	8,793	-32.79%	-7.07%	13,119	-26.34%	-6.33%
2012	Q4	4,543	+0.71%	+0.64%	9,462	-29.62%	-3.21%	14,005	-22.00%	-1.99%
	Q3	4,514	+0.00%	-0.73%	9,776	-31.19%	-15.90%	14,290	-23.67%	-11.63%
	Q2	4,547	+1.02%	-3.85%	11,624	-14.65%	-11.15%	16,171	-10.76%	-9.21%
	Q1	4,729	+8.36%	+4.83%	13,082	-1.20%	-2.69%	17,811	+1.17%	-0.80%
2011	Q4	4,511	+4.37%	-0.07%	13,444	+0.58%	-5.37%	17,955	+1.50%	-4.09%
	Q3	4,514	+7.25%	+0.29%	14,207	+7.43%	+4.32%	18,721	+7.39%	+3.32%
	Q2	4,501	+8.04%	+3.14%	13,619	+5.21%	+2.85%	18,120	+5.90%	+2.93%
	Q1	4,364	+9.81%	+0.97%	13,241	+7.43%	-0.94%	17,605	+8.01%	-0.47%
2010	Q4	4,322	+18.38%	+2.68%	13,367	+5.74%	+1.08%	17,689	+8.57%	+1.47%
	Q3	4,209	+10.85%	+1.03%	13,224	+0.17%	+2.16%	17,433	+2.56%	+1.88%
	Q2	4,166	+6.06%	+4.83%	12,945	-11.40%	+5.03%	17,111	-7.70%	+4.98%
	Q1	3,974	+5.86%	+8.85%	12,325	-20.80%	-2.50%	16,299	-15.61%	+0.04%
2009	Q4	3,651	+1.14%	-3.85%	12,641	-17.57%	-4.24%	16,292	-14.01%	-4.15%
	Q3	3,797	+10.25%	-3.34%	13,201	-10.73%	-9.65%	16,998	-6.77%	-8.31%
	Q2	3,928	+19.17%	+4.64%	14,611	+5.46%	-6.11%	18,539	+8.10%	-4.02%
	Q1	3,754	+22.00%	+3.99%	15,561	+18.12%	+1.47%	19,315	+18.85%	+1.95%
2008	Q4	3,610	+18.32%	+4.82%	15,336	+18.25%	+3.71%	18,946	+18.26%	+3.92%
	Q3	3,444	+15.92%	+4.49%	14,788	+14.33%	+6.74%	18,232	+14.63%	+6.31%
	Q2	3,296	+10.01%	+7.12%	13,854	+6.26%	+5.16%	17,150	+6.96%	+5.53%
	Q1	3,077	+2.57%	+0.85%	13,174	-1.36%	+1.58%	16,251	-0.64%	+1.44%
2007	Q4	3,051	+1.46%	+2.69%	12,969	-5.00%	+0.27%	16,020	-3.84%	+0.72%
	Q3	2,971	-2.78%	-0.83%	12,934	-8.18%	-0.80%	15,905	-7.22%	-0.80%