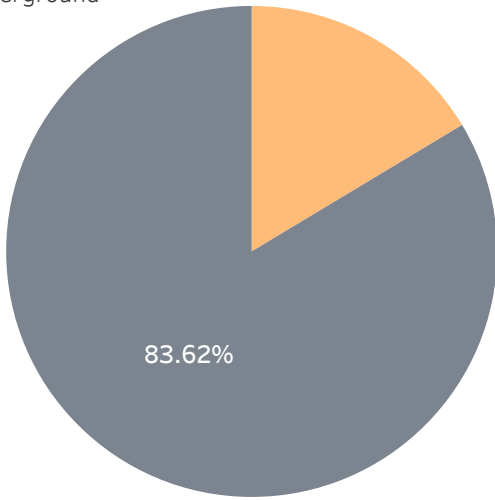
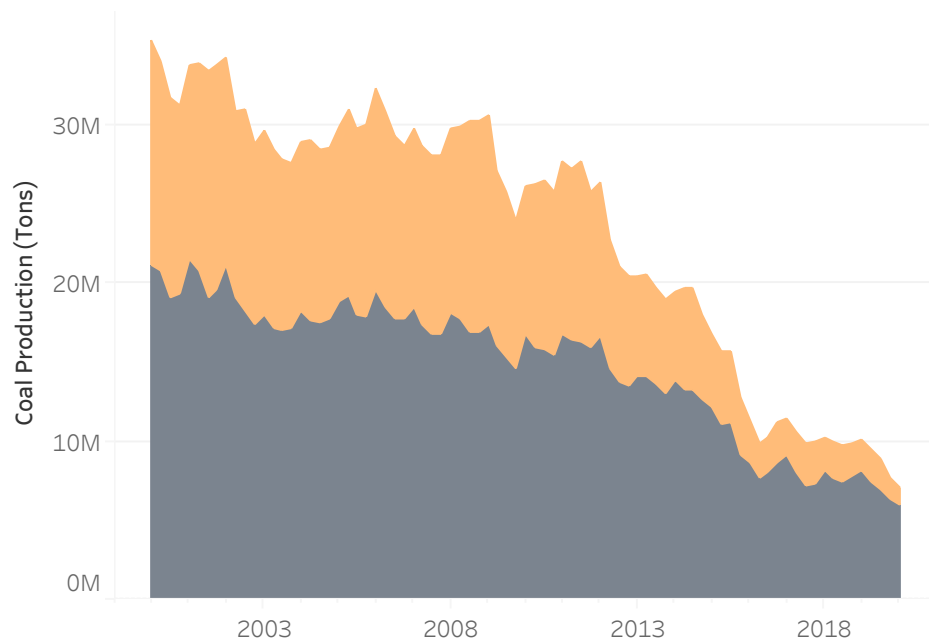


Kentucky Quarterly Coal Report (2020 - Q1)

Mine Type
 Surface
 Underground



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



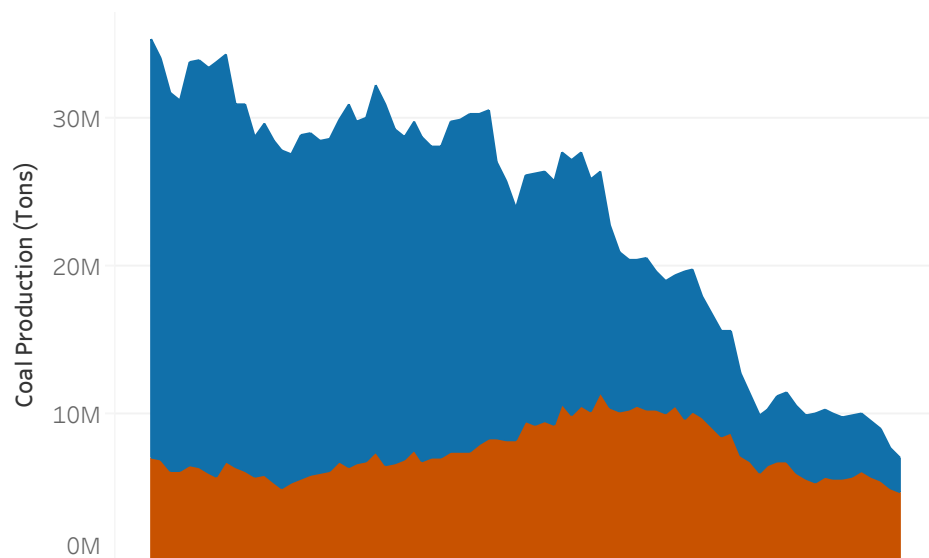
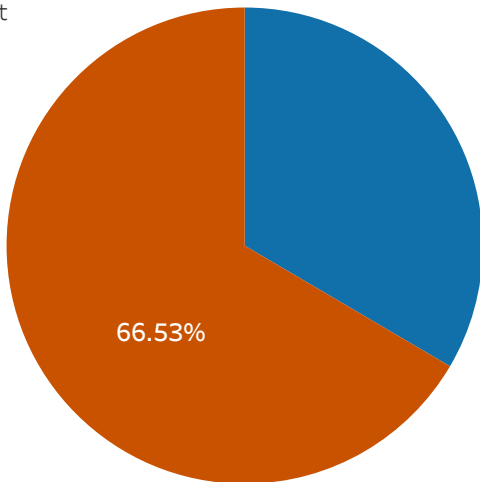
2003 2008 2013 2018

	Production	YOY Change	Qtr Change
Total	7,068,745	- 29.36%	- 7.60%
Underground	5,910,876	- 27.11%	- 5.42%
Surface	1,157,869	- 38.97%	- 17.35%

Total	7,068,745	- 29.36%	- 7.60%
Underground	5,910,876	- 27.11%	- 5.42%
Surface	1,157,869	- 38.97%	- 17.35%

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

Region
 East
 West



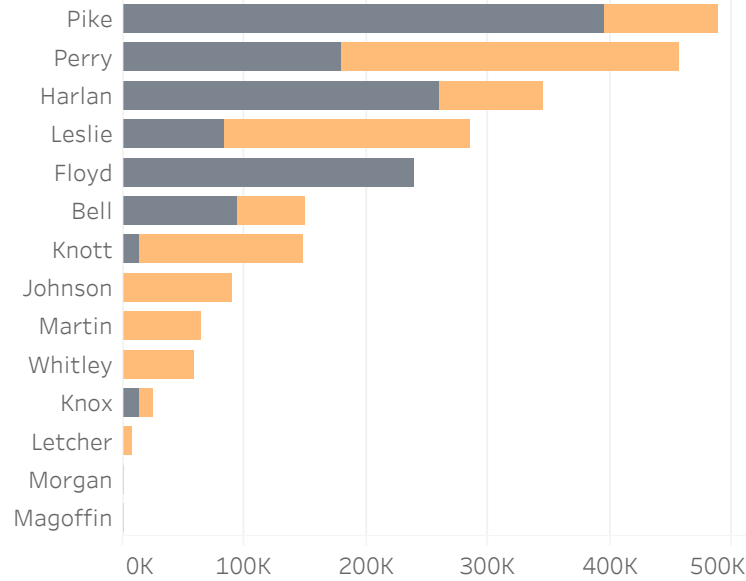
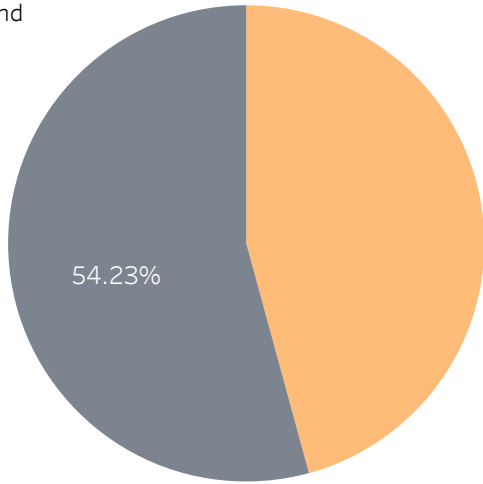
2003 2008 2013 2018

	Production	YOY Change	Qtr Change
Total	7,068,745	- 29.36%	- 7.60%
East	2,365,857	- 39.21%	- 14.47%
West	4,702,888	- 23.08%	- 3.71%

Total	7,068,745	- 29.36%	- 7.60%
East	2,365,857	- 39.21%	- 14.47%
West	4,702,888	- 23.08%	- 3.71%

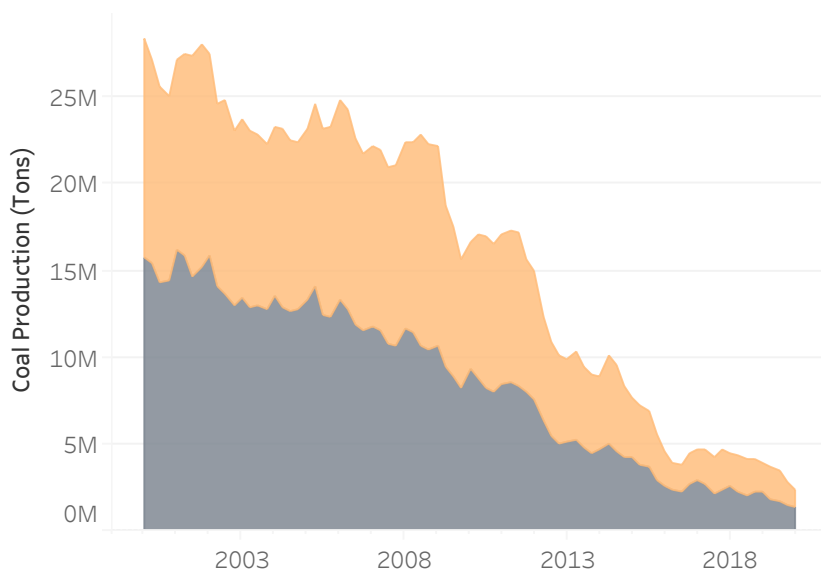
Eastern Kentucky (2020 - Q1)

Mine Type
■ Surface
■ Underground



	Production	YOY Change	Qtr Change
Total	2,365,857	-39.21%	-14.47%
Surface	1,082,814	-37.35%	-18.20%
Underground	1,283,043	-40.69%	-11.04%

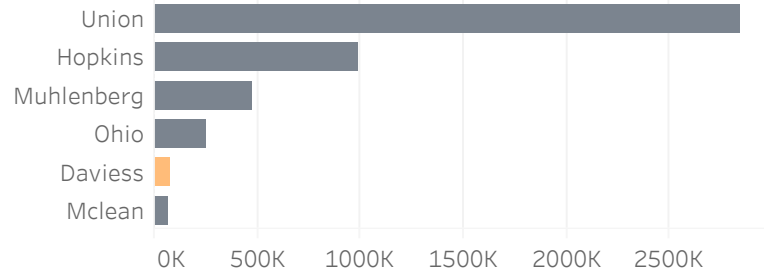
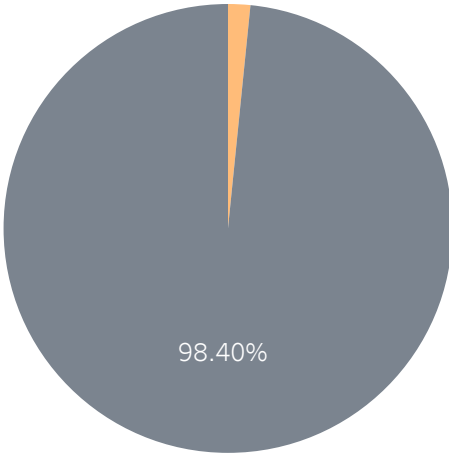
Eastern Kentucky Coal Production (2000 - Q1 to 2020 - Q1)



	County Coal Production	Production YOY Change	Production Qtr Change
Pike	489,791	-38.81%	-18.33%
Perry	457,751	-42.79%	-1.93%
Harlan	345,687	-52.36%	-23.14%
Leslie	285,747	-16.21%	+29.53%
Floyd	240,323	-7.14%	+2.54%
Bell	150,403	-25.62%	+36.51%
Knott	147,569	-13.82%	-28.23%
Johnson	89,750	-14.45%	-37.41%
Martin	64,024	-46.21%	-32.44%
Whitley	58,851	+18.88%	-37.50%
Knox	25,655	-68.50%	-48.76%
Letcher	7,335	-90.63%	+305.02%
Morgan	1,559	-94.48%	-89.08%
Magoffin	1,412	-98.50%	-97.91%

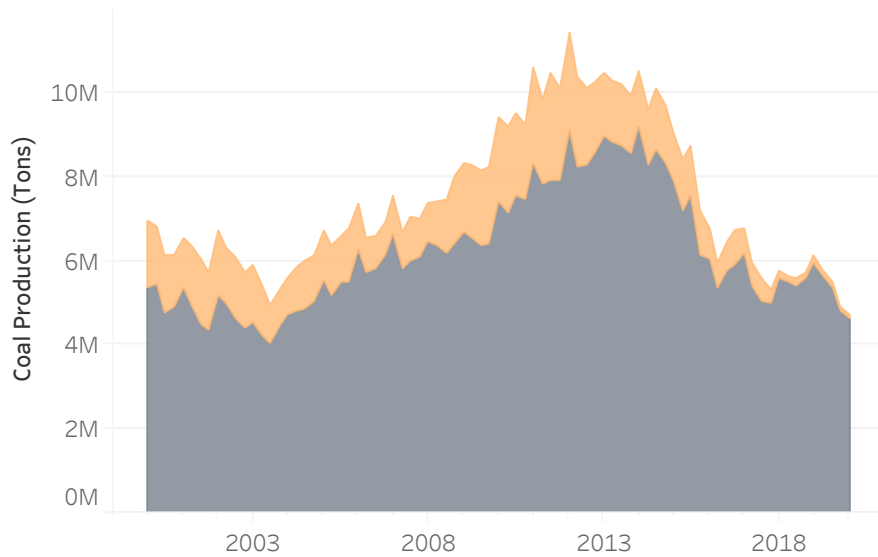
Western Kentucky (2020 - Q1)

Mine Type
■ Surface
■ Underground



	Production	YOY Change	Qtr Change
Total	4,702,888	-23.08%	-3.71%
Underground	4,627,833	-22.16%	-3.73%
Surface	75,055	-55.50%	-2.65%

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

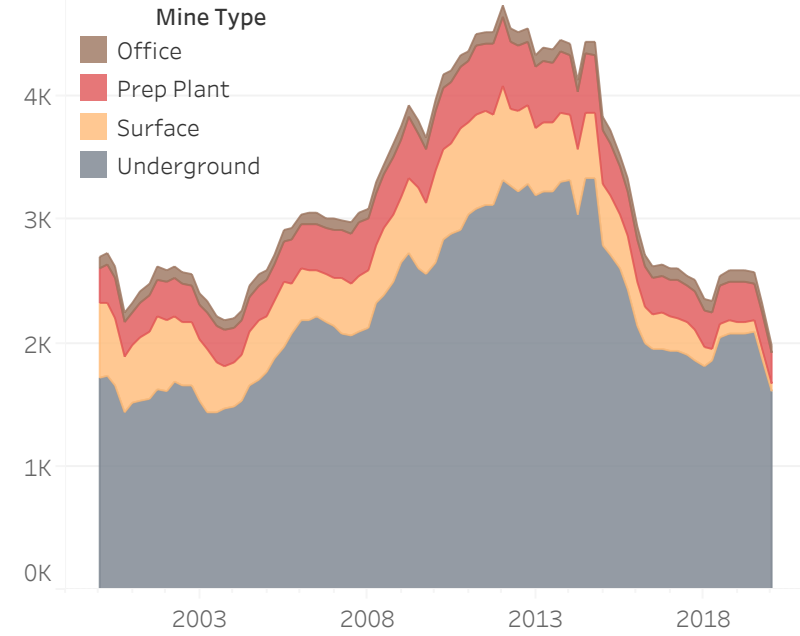
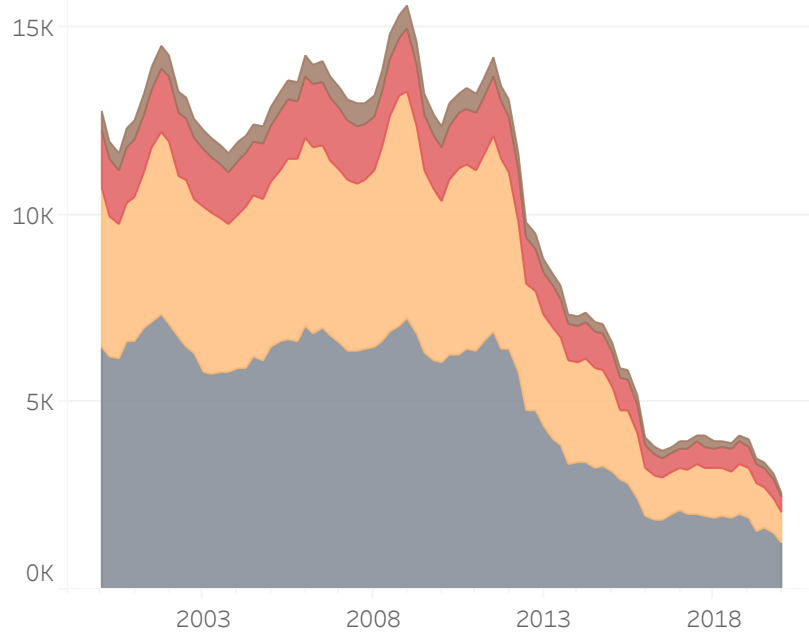


	County Coal Production	Production YOY Change	Production Qtr Change
Union	2,838,221	- 7.20%	+ 3.24%
Hopkins	990,275	+ 5.78%	- 0.58%
Muhlenberg	479,192	- 18.22%	- 8.47%
Ohio	251,094	- 62.29%	- 31.33%
Daviess	75,055	+ 3.10%	+ 0.86%
McLean	69,051	- 79.47%	- 60.67%

Employment by Region (2020 - Q1)

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

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



	Employment	YOY Emp Change	YOY % Change	Qtr Emp Change	Qtr % Change
East	2,582	-1,411	-35.34%	-481	-15.70%
Pike	684	-268	-28.15%	-152	-18.18%
Harlan	503	-344	-40.61%	-18	-3.45%
Perry	323	-302	-48.32%	-212	-39.63%
Floyd	250	+4	+1.63%	-59	-19.09%
Leslie	200	-39	-16.32%	+8	+4.17%
Bell	191	-137	-41.77%	+55	+40.44%
Whitley	95	-12	-11.21%	-2	-2.06%
Martin	85	-6	-6.59%	-11	-11.46%
Knott	75	-53	-41.41%	-14	-15.73%
Johnson	58	+4	+7.41%	-2	-3.33%
Knox	53	-39	-42.39%	+1	+1.92%
Clay	19	-1	-5.00%	+0	+0.00%
Letcher	16	-120	-88.24%	-11	-40.74%
Boyd	12	-25	-67.57%	-19	-61.29%
Lawrence	5	-21	-80.77%	-6	-54.55%
Magoffin	5	-36	-87.80%	-32	-86.49%
Mccreary	4	+0	+0.00%	+0	+0.00%
Breathitt	3	-6	-66.67%	-5	-62.50%
Morgan	1	-7	-87.50%	-1	-50.00%

	Employment	YOY Emp Change	YOY % Change	Qtr Emp Change	Qtr % Change
West	1,972	-605	-23.48%	-355	-15.26%
Union	912	+33	+3.75%	-22	-2.36%
Hopkins	479	+40	+9.11%	-29	-5.71%
Muhlenberg	214	-157	-42.32%	-43	-16.73%
Ohio	165	-168	-50.45%	-67	-28.88%
McLean	115	-111	-49.12%	-150	-56.60%
Marshall	41	-10	-19.61%	-9	-18.00%
Daviess	31	+3	+10.71%	-1	-3.13%
Webster	15	-222	-93.67%	-34	-69.39%

Total Employees by Mine Type

	Total Workers	YOY % Change	YOY Emp Change	Qtr % Change	Qtr Emp Change
Underground	2,838	-28.35%	-1,123	-14.95%	-499
Surface	899	-37.53%	-540	-10.64%	-107
Preparation Plant	619	-30.53%	-272	-22.91%	-184
Office	198	-29.03%	-81	-18.85%	-46
Total	4,554	-30.68%	-2,016	-15.51%	-836

		West			East			Total		
		Production	YOY Change	Qtr Change	Production	YOY Change	Qtr Change	Production	YOY Change	Qtr Change
2020	Q1	4,702,888	-23.08%	-3.71%	2,365,857	-39.21%	-14.47%	7,068,745	-29.36%	-7.60%
2019	Q4	4,884,272	-14.67%	-10.89%	2,766,029	-32.42%	-18.91%	7,650,301	-22.07%	-13.97%
	Q3	5,481,282	-1.52%	-4.84%	3,411,012	-17.82%	-7.95%	8,892,294	-8.48%	-6.06%
	Q2	5,760,256	+2.65%	-5.79%	3,705,631	-14.91%	-4.79%	9,465,887	-5.02%	-5.40%
	Q1	6,114,327	+6.19%	+6.82%	3,891,883	-13.13%	-4.91%	10,006,210	-2.26%	+1.93%
2018	Q4	5,723,927	+7.72%	+2.84%	4,093,055	-11.64%	-1.38%	9,816,982	-1.30%	+1.03%
	Q3	5,566,036	-0.31%	-0.81%	4,150,464	-1.69%	-4.69%	9,716,500	-0.91%	-2.51%
	Q2	5,611,408	-5.67%	-2.54%	4,354,909	-5.46%	-2.80%	9,966,317	-5.58%	-2.65%
	Q1	5,757,753	-14.82%	+8.36%	4,480,339	-4.47%	-3.28%	10,238,092	-10.58%	+2.94%
2017	Q4	5,313,607	-20.89%	-4.83%	4,632,359	+5.26%	+9.72%	9,945,966	-10.54%	+1.43%
	Q3	5,583,324	-13.63%	-6.15%	4,221,947	+13.17%	-8.35%	9,805,271	-3.82%	-7.11%
	Q2	5,948,923	+0.18%	-11.99%	4,606,422	+17.99%	-1.79%	10,555,345	+7.24%	-7.81%
	Q1	6,759,704	-0.07%	+0.65%	4,690,194	+3.53%	+6.57%	11,449,898	+1.37%	+2.99%
2016	Q4	6,716,354	-6.35%	+3.90%	4,401,032	-20.95%	+17.97%	11,117,386	-12.73%	+9.05%
	Q3	6,464,425	-25.75%	+8.86%	3,730,720	-45.93%	-4.44%	10,195,145	-34.67%	+3.58%
	Q2	5,938,328	-29.27%	-12.21%	3,904,191	-45.95%	-13.82%	9,842,519	-36.99%	-12.86%
	Q1	6,764,538	-25.25%	-5.68%	4,530,062	-40.78%	-18.63%	11,294,600	-32.37%	-11.34%
2015	Q4	7,171,565	-26.04%	-17.63%	5,567,468	-32.62%	-19.31%	12,739,033	-29.07%	-18.37%
	Q3	8,706,595	-13.94%	+3.70%	6,899,615	-27.69%	-4.48%	15,606,210	-20.62%	-0.09%
	Q2	8,396,251	-12.65%	-7.22%	7,223,367	-28.02%	-5.58%	15,619,618	-20.50%	-6.47%
	Q1	9,049,591	-13.98%	-6.67%	7,650,014	-13.27%	-7.42%	16,699,605	-13.65%	-7.01%
2014	Q4	9,695,896	-2.36%	-4.16%	8,263,179	-7.96%	-13.40%	17,959,075	-5.02%	-8.65%
	Q3	10,116,906	-0.90%	+5.25%	9,541,992	+1.11%	-4.91%	19,658,898	+0.07%	+0.06%
	Q2	9,612,041	-6.53%	-8.63%	10,034,832	-2.25%	+13.77%	19,646,873	-4.39%	+1.59%
	Q1	10,519,840	+0.70%	+5.94%	8,820,262	-10.93%	-1.76%	19,340,102	-4.96%	+2.28%
2013	Q4	9,930,116	-2.76%	-2.73%	8,978,259	-11.26%	-4.86%	18,908,375	-6.99%	-3.75%
	Q3	10,209,207	+1.30%	-0.73%	9,436,815	-12.93%	-8.08%	19,646,022	-6.08%	-4.40%
	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%
	Q2	6,681,524	+2.10%	-11.56%	21,926,029	-9.65%	-0.96%	28,607,553	-7.16%	-3.66%

		West			East			Total		
		Employees	YOY Change	Qtr Change	Employees	YOY Change	Qtr Change	Employees	YOY Change	Qtr Change
2020	Q1	1,972	-23.48%	-15.26%	2,582	-35.34%	-15.70%	4,554	-30.68%	-15.51%
2019	Q4	2,327	-9.70%	-9.42%	3,063	-25.58%	-9.51%	5,390	-19.47%	-9.47%
	Q3	2,569	+1.26%	-0.35%	3,385	-13.43%	-3.01%	5,954	-7.65%	-1.88%
	Q2	2,578	+10.45%	+0.04%	3,490	-11.60%	-12.60%	6,068	-3.41%	-7.64%
	Q1	2,577	+9.85%	+0.00%	3,993	+0.91%	-2.99%	6,570	+4.24%	-1.84%
2018	Q4	2,577	+3.12%	+1.58%	4,116	+0.39%	+5.27%	6,693	+1.42%	+3.82%
	Q3	2,537	-0.20%	+8.70%	3,910	-5.14%	-0.96%	6,447	-3.26%	+2.63%
	Q2	2,334	-10.37%	-0.51%	3,948	-0.13%	-0.23%	6,282	-4.19%	-0.33%
	Q1	2,346	-9.56%	-6.12%	3,957	+0.03%	-3.49%	6,303	-3.77%	-4.49%
2017	Q4	2,499	-5.05%	-1.69%	4,100	+7.89%	-0.53%	6,599	+2.60%	-0.98%
	Q3	2,542	-2.61%	-2.38%	4,122	+12.41%	+4.28%	6,664	+6.17%	+1.63%
	Q2	2,604	-3.70%	+0.39%	3,953	+3.84%	-0.08%	6,557	+0.71%	+0.11%
	Q1	2,594	-11.62%	-1.44%	3,956	-2.51%	+4.11%	6,550	-6.33%	+1.83%
2016	Q4	2,632	-20.82%	+0.84%	3,800	-26.44%	+3.63%	6,432	-24.24%	+2.47%
	Q3	2,610	-25.87%	-3.48%	3,667	-37.25%	-3.68%	6,277	-32.97%	-3.59%
	Q2	2,704	-27.23%	-7.87%	3,807	-35.44%	-6.19%	6,511	-32.27%	-6.89%
	Q1	2,935	-23.29%	-11.70%	4,058	-38.22%	-21.45%	6,993	-32.73%	-17.63%
2015	Q4	3,324	-24.98%	-5.60%	5,166	-27.16%	-11.60%	8,490	-26.32%	-9.34%
	Q3	3,521	-20.68%	-5.25%	5,844	-18.04%	-0.90%	9,365	-19.05%	-2.58%
	Q2	3,716	-9.92%	-2.88%	5,897	-20.00%	-10.23%	9,613	-16.38%	-7.52%
	Q1	3,826	-13.54%	-13.65%	6,569	-9.80%	-7.37%	10,395	-11.21%	-9.79%
2014	Q4	4,431	-0.40%	-0.18%	7,092	-3.43%	-0.53%	11,523	-2.29%	-0.40%
	Q3	4,439	+1.63%	+7.61%	7,130	-11.86%	-3.27%	11,569	-7.13%	+0.64%
	Q2	4,125	-6.02%	-6.78%	7,371	-12.34%	+1.21%	11,496	-10.17%	-1.81%
	Q1	4,425	+2.29%	-0.54%	7,283	-17.17%	-0.83%	11,708	-10.76%	-0.72%
2013	Q4	4,449	-2.07%	+1.85%	7,344	-22.38%	-9.21%	11,793	-15.79%	-5.33%
	Q3	4,368	-3.23%	-0.48%	8,089	-17.26%	-3.81%	12,457	-12.83%	-2.66%
	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%
	Q2	2,996	-1.58%	-0.13%	13,038	-6.85%	-2.37%	16,034	-5.91%	-1.96%