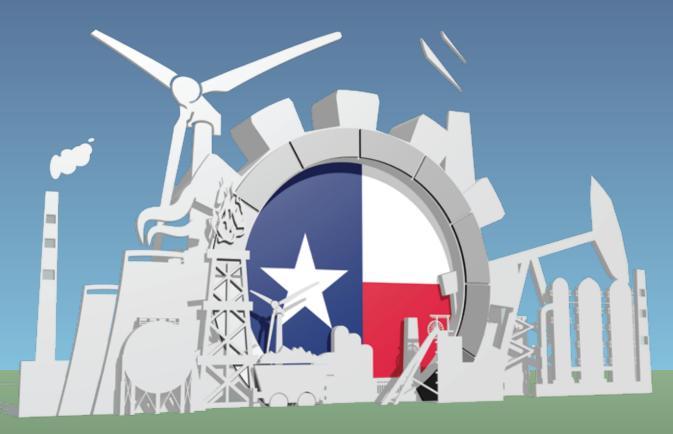
Texas Employment Report





TEXAS A&M UNIVERSITY

Texas Real Estate Research Center 🔊

Luis B. Torres, Research Economist Joshua Roberson, Senior Data Analyst TECHNICAL REPORT

2303

December 2021 Data



NONFARM EMPLOYMENT

UNEMPLOYMENT RATE

MINING AND LOGGING

CONSTRUCTION

LABOR FORCE PARTICIPATION

0.4% мом

5.0%

2.0% мом

1.4% мом

62.7%

- Texas added 50,000 jobs in December, a 0.4 percent increase over November. It exceeded the nation's 0.1 percent growth rate.
- The state has gained jobs in 19 of the last 20 months.
- The Texas economy has recovered the jobs lost due to the pandemic and is now 89,600 jobs above February 2020's employment level. It took Texas 19 months to recover the jobs lost due to the pandemic.
- Texas' unemployment rate fell to 5 percent in December, down 0.2 percentage points from 5.2 percent the previous month. The state had a higher unemployment rate than the nation's 3.9 percent. The unemployment rate is getting closer to its pre-pandemic level of 3.7 percent.
- The states' labor force increased by 45,334 from November 2021 to December 2021, surpassing pre-pandemic levels since November.
- Record job openings suggest that while the economy is still short of pre-COVID employment levels, it is not due to insufficient labor demand.
 - Texas job openings reached 884,000 in November, below July's record level of 928,000 job openings.
 - Job openings are higher than the number of unemployed for the fifth straight month (July to November), and they recorded the biggest gap between them.
- Childcare, the lingering pandemic, early retirement, and the possibility that people are rethinking their career paths could be affecting the transition from unemployment to employment.
- The labor force participation rate improved slightly in December 2021, increasing to 62.7 percent. It reached a trough during 2Q2021 and is slowly increasing.
- The state's goods-producing sector added 20,500 jobs from November 2021 to December 2021. Construction registered the biggest gain, adding 10,400 jobs. The manufacturing and mining and logging industries also registered job growth, gaining 6,100 and 4,000 jobs, respectively.
- The state's service-providing sector added 29,500 jobs from November 2021 to December 2021. The biggest job gains over the month were in trade, transportation and utilities (7,300); financial activities (7,200); trade, leisure, and hospitality (6,500 jobs); and professional and business services (6,400 jobs).

- Transportation, warehousing, and utilities; financial activities; professional business services: wholesale trade; and retail trade are the only sectors that recovered all jobs lost due to the pandemic.
- Tyler registered the highest annual growth rate of all Texas Metropolitan Statistical Areas (MSA) from December 2020 to December 2021.*
- Austin-Round Rock registered the highest annual growth rate of Texas' four major MSAs from December 2020 to December 2021. The metro benefited from its substantial high-tech sector, which can socially distance and has prospered during the pandemic.*
- McAllen-Edinburg-Mission registered the highest annual growth rate of Texas' four major border MSAs from December 2020 to December 2021.*
- Abilene, Amarillo, Austin, Dallas-Fort Worth-Arlington, Killeen-Temple, Lubbock, McAllen-Edinburg-Mission, Sherman-Denison, Tyler, and Waco are the only metropolitan areas to have recovered all jobs lost due to the pandemic.
- MSAs' oil-related job recovery (particularly in Midland and Odessa) is lagging the rest of the state.
- Government employment increased monthly and annually during December 2021. The monthly increase was a result of increases in both state and local government employment.

^{*} Analysis based on nonseasonally adjusted data.

Table 1
Texas and U.S. Labor Markets

Nonfarm Employment	December 2021	December 2020	Annual Change	Year-over-Year Change
Texas	13,060	12,365	694	5.6%
United States	148,951	142,503	6,448	4.5%
Labor Force Participation	December 2021	December 2020	Annual Change	Year-over-Year Change
Texas	14,299,000	14,133,000	166,000	1.2%
United States	162,294,000	160,671,000	1,623,000	1.0%
Participation Rate	December 2021	December 2020	Annual Change	Year-over-Year Change
Texas	62.7%	63.0%	-30 bps	-0.48%
United States	61.9%	61.5%	+40 bps	0.65%
Unemployment Rate	December 2021	December 2020	Annual Change	Year-over-Year Change
Texas	5.0%	6.9%	-190 bps	-27.54%
United States	3.9%	6.7%	-280 bps	-41.79%

Sources: Texas Workforce Commission and U.S. Bureau of Labor Statistics

 $\label{eq:Table 2} \text{Texas Industries and Government Sector Ranked by Employment Growth Rate}$

Industry	December 2021	December 2020	Annual Change	Year-over-Year Change
Mining and Logging	207,500	175,100	32,400	18.5%
Leisure and Hospitality	1,346,900	1,214,500	132,400	10.9%
Professional and Business Services	1,981,000	1,807,800	173,200	9.6%
Other Services	429,700	399,800	29,900	7.5%
Transportation, Warehousing, Utilities	669,400	626,200	43,200	6.9%
Financial Activities	856,300	807,000	49,300	6.1%
Information	209,300	198,200	11,100	5.6%
Manufacturing	896,500	858,200	38,300	4.5%
Trade	1,967,200	1,888,500	78,700	4.2%
Construction	750,500	725,800	24,700	3.4%
Educational and Health Services	1,760,900	1,703,000	57,900	3.4%
Government	1,984,400	1,961,100	23,300	1.2%

Table 3
Texas Industries' and Government Shares of Employment

Industry	2021	2020
Government	15.19%	15.86%
Trade	15.06%	15.27%
Professional and Business Services	15.17%	14.62%
Educational and Health Services	13.48%	13.77%
Leisure and Hospitality	10.31%	9.82%
Manufacturing	6.86%	6.94%
Financial Activities	6.56%	6.53%
Construction	5.75%	5.87%
Transportation, Warehousing, Utilities	5.13%	5.06%
Other Services	3.29%	3.23%
Information	1.60%	1.60%
Mining and Logging	1.59%	1.42%
Grand Total	100.00%	100.00%

Sources: Texas Workforce Commission and Texas Real Estate Research Center

Table 4
Texas Metropolitan Areas Ranked by Employment Growth Rate

Metro	December 2021	December 2020	Annual Change	Year-over-Year Change
Tyler	114,400	105,600	8,800	8.3%
Austin-Round Rock	1,183,400	1,105,600	77,800	7.0%
Midland	99,400	93,800	5,600	6.0%
McAllen-Edinburg-Mission	278,000	262,800	15,200	5.8%
Abilene	73,900	70,000	3,900	5.6%
Dallas-Plano-Irving	2,800,400	2,657,700	142,700	5.4%
Beaumont-Port Arthur	161,700	153,600	8,100	5.3%
Houston-The Woodlands-Sugar Land	3,128,700	2,974,000	154,700	5.2%
Odessa	71,000	67,800	3,200	4.7%
Corpus Christi	186,800	178,500	8,300	4.6%
Fort Worth-Arlington	1,117,100	1,069,600	47,500	4.4%
San Antonio-New Braunfels	1,091,200	1,046,800	44,400	4.2%
Waco	127,600	122,600	5,000	4.1%
Laredo	103,800	99,800	4,000	4.0%
Longview	94,800	91,400	3,400	3.7%
Killeen-Temple-Fort Hood	147,400	142,200	5,200	3.7%
Amarillo	123,400	119,200	4,200	3.5%
San Angelo	48,800	47,200	1,600	3.4%
Sherman-Denison	50,100	48,500	1,600	3.3%
Brownsville-Harlingen	144,300	140,200	4,100	2.9%
Lubbock	151,100	146,900	4,200	2.9%
Texarkana	59,100	57,600	1,500	2.6%
College Station-Bryan	120,600	117,600	3,000	2.6%
Wichita Falls	57,900	56,500	1,400	2.5%
El Paso	321,800	314,800	7,000	2.2%
Victoria	38,200	37,900	300	0.8%

Table 5
Texas Metropolitan and Micropolitan Shares of Total Texas Jobs

Metro	December 2021	December 2020
Houston-The Woodlands-Sugar Land	26.3%	26.3%
Dallas-Plano-Irving	23.5%	23.5%
Austin-Round Rock	9.9%	9.8%
Fort Worth-Arlington	9.4%	9.4%
San Antonio-New Braunfels	9.2%	9.2%
El Paso	2.7%	2.8%
McAllen-Edinburg-Mission	2.3%	2.3%
Corpus Christi	1.6%	1.6%
Beaumont-Port Arthur	1.4%	1.4%
Lubbock	1.3%	1.3%
Killeen-Temple-Fort Hood	1.2%	1.3%
Brownsville-Harlingen	1.2%	1.2%
Waco	1.1%	1.1%
Amarillo	1.0%	1.1%
College Station-Bryan	1.0%	1.0%
Tyler	1.0%	0.9%
Laredo	0.9%	0.9%
Midland	0.8%	0.8%
Longview	0.8%	0.8%
Abilene	0.6%	0.6%
Odessa	0.6%	0.6%
Texarkana	0.5%	0.5%
Wichita Falls	0.5%	0.5%
Sherman-Denison	0.4%	0.4%
San Angelo	0.4%	0.4%
Victoria	0.3%	0.3%
Grand Total	100.0%	100.0%

Table 6
Texas Metropolitan Areas Ranked By Unemployment Rate

Metro	December 2021
Amarillo	3.3%
Austin-Round Rock	3.4%
College Station-Bryan	3.7%
Lubbock	3.8%
Abilene	3.9%
Sherman-Denison	3.9%
Dallas-Plano-Irving	4.1%
Tyler	4.1%
Waco	4.1%
San Angelo	4.2%
Fort Worth-Arlington	4.3%
San Antonio-New Braunfels	4.3%
Texarkana	4.3%
Wichita Falls	4.3%
Midland	4.7%
Killeen-T emple-Fort Hood	4.9%
El Paso	5.2%
Laredo	5.3%
Longview	5.3%
Houston-The Woodlands-Sugar Land	5.4%
Victoria	5.5%
Corpus Christi	6.1%
Odessa	6.7%
Brownsville-Harlingen	7.0%
Beaumont Port-Arthur	7.6%
McAllen-Edinburg-Mission	7.6%

Table 7
Employment Growth Rates by Industry in Large Metropolitan Areas

Industry	Austin	Dallas	Fort Worth	Houston	San Antonio
Education and Health Services	7.4%	1.3%	1.4%	5.8%	1.1%
Financial Activities	8.8%	2.3%	-0.8%	3.1%	3.5%
Government	1.0%	1.0%	9.8%	-0.6%	4.4%
Information	7.2%	1.3%	5.1%	2.0%	3.3%
Leisure and Hospitality	17.6%	11.2%	4.8%	8.3%	12.1%
Manufacturing	2.3%	3.5%	1.1%	3.7%	1.4%
Mining, Logging and Construction	-0.9%	4.0%	0.8%	7.7%	-0.1%
Other Services	4.2%	6.8%	-0.9%	13.0%	5.1%
Professional and Business Services	10.8%	11.4%	4.1%	6.2%	5.1%
Trade, Transportation and Utilites	8.6%	5.2%	0.0%	4.7%	3.2%

Table 8
Texas Nonfarm Seasonally Adjusted Employees

		Last	Last Month		t Year
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	13,059,600	12,998,200	0.5%	12,365,200	5.6%
Total Private	11,075,200	11,016,700	0.5%	10,404,100	6.5%
Goods Producing	1,854,500	1,828,400	1.4%	1,759,100	5.4%
Mining and Logging	207,500	203,400	2.0%	175,100	18.5%
Construction	750,500	738,100	1.7%	725,800	3.4%
Manufacturing	896,500	886,900	1.1%	858,200	4.5%
Service Providing	11,205,100	11,169,800	0.3%	10,606,100	5.6%
Trade, Transportation and Utilites	2,636,600	2,624,700	0.5%	2,514,700	4.8%
Information	209,300	208,400	0.4%	198,200	5.6%
Financial Activities	856,300	848,300	0.9%	807,000	6.1%
Professional and Business Services	1,981,000	1,979,900	0.1%	1,807,800	9.6%
Education and Health Services	1,760,900	1,761,200	0.0%	1,703,000	3.4%
Leisure and Hospitality	1,346,900	1,336,400	0.8%	1,214,500	10.9%
Other Services	429,700	429,400	0.1%	399,800	7.5%
Government	1,984,400	1,981,500	0.1%	1,961,100	1.2%

Table 9
Austin-Round Rock Nonfarm Seasonally Adjusted Employees

		Last	Last Month		t Year
_Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	1,185,919	1,183,039	0.2%	1,105,476	7.3%
Total Private	996,250	995,553	0.1%	917,748	8.6%
Goods Producing	137,383	136,452	0.7%	136,522	0.6%
Mining, Logging and Construction	70,674	70,782	-0.2%	71,284	-0.9%
Manufacturing	66,564	64,616	3.0%	65,071	2.3%
Trade, Transportation and Utilites	205,846	202,068	1.9%	189,581	8.6%
Information	42,843	42,642	0.5%	39,953	7.2%
Financial Activities	75,409	75,384	0.0%	69,326	8.8%
Professional and Business Services	231,341	229,207	0.9%	208,830	10.8%
Education and Health Services	134,332	132,594	1.3%	125,044	7.4%
Leisure and Hospitality	126,198	127,737	-1.2%	107,312	17.6%
Other Services	44,433	44,612	-0.4%	42,636	4.2%
Government	189,137	188,624	0.3%	187,240	1.0%

Table 10

Dallas-Fort Worth-Arlington Nonfarm Seasonally Adjusted Employees

		Last Month		Last Year	
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	3,913,883	3,904,318	0.2%	3,717,732	5.3%
Total Private	3,463,018	3,451,100	0.3%	3,270,724	5.9%
Goods Producing	515,044	508,425	1.3%	501,653	2.7%
Mining, Logging and Construction	227,995	221,952	2.7%	220,567	3.4%
Manufacturing	286,438	286,965	-0.2%	280,539	2.1%
Trade, Transportation and Utilites	853,484	848,369	0.6%	809,885	5.4%
Information	79,876	79,730	0.2%	78,775	1.4%
Financial Activities	333,841	332,959	0.3%	327,377	2.0%
Professional and Business Services	713,168	711,134	0.3%	644,099	10.7%
Education and Health Services	461,211	462,904	-0.4%	451,233	2.2%
Leisure and Hospitality	377,806	380,407	-0.7%	340,530	10.9%
Other Services	127,223	125,994	1.0%	115,799	9.9%
Government	454,271	452,535	0.4%	449,898	1.0%

Table 11
Houston-The Woodlands-Sugar Land Nonfarm Seasonally Adjusted Employees

		Last	Month	th Last	
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	3,126,371	3,104,636	0.7%	2,974,645	5.1%
Total Private	2,717,377	2,694,681	0.8%	2,563,032	6.0%
Goods Producing	503,709	492,826	2.2%	475,431	5.9%
Mining, Logging and Construction	288,638	281,715	2.5%	268,007	7.7%
Manufacturing	215,270	211,728	1.7%	207,678	3.7%
Trade, Transportation and Utilites	644,334	642,869	0.2%	615,350	4.7%
Information	29,258	29,133	0.4%	28,674	2.0%
Financial Activities	168,153	165,366	1.7%	163,142	3.1%
Professional and Business Services	514,044	512,012	0.4%	483,842	6.2%
Education and Health Services	419,141	419,415	-0.1%	396,224	5.8%
Leisure and Hospitality	315,338	312,892	0.8%	291,070	8.3%
Other Services	119,438	121,475	-1.7%	105,739	13.0%
Government	409,603	410,245	-0.2%	412,121	-0.6%

Table 12 San Antonio–New Braunfels Nonfarm Seasonally Adjusted Employees

		Last	Month	Last Year	
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	1,091,877	1,090,581	0.1%	1,048,051	4.2%
Total Private	911,256	910,823	0.0%	875,139	4.1%
Goods Producing	113,847	113,765	0.1%	113,182	0.6%
Mining, Logging and Construction	62,118	62,024	0.2%	62,194	-0.1%
Manufacturing	51,602	51,562	0.1%	50,888	1.4%
Trade, Transportation and Utilites	189,459	188,022	0.8%	183,641	3.2%
Information	18,857	18,863	0.0%	18,261	3.3%
Financial Activities	97,776	97,709	0.1%	94,469	3.5%
Professional and Business Services	162,723	160,921	1.1%	154,789	5.1%
Education and Health Services	160,456	160,714	-0.2%	158,724	1.1%
Leisure and Hospitality	131,647	134,524	-2.1%	117,391	12.1%
Other Services	36,779	36,643	0.4%	34,979	5.1%
Government	180,089	179,578	0.3%	172,429	4.4%

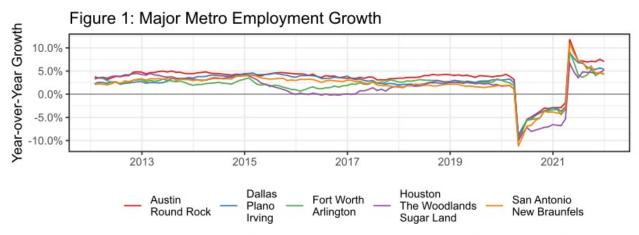


Figure 2: Major Metro Employment Index 140 130 Index 120 110 100 2013 2015 2017 2019 2021 Dallas Houston San Antonio Austin Fort Worth The Woodlands Round Rock Arlington New Braunfels Irving Sugar Land

Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University

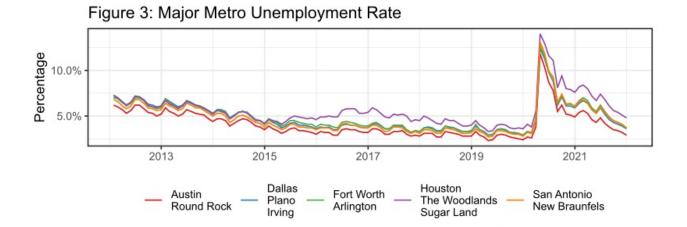


Table 13
Texas Triangle Metro Nonfarm Seasonally Adjusted Employees

Industry		Last Month		Last Year	
	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	444,863	442,808	0.5%	429,862	3.5%
Total Private	334,709	332,377	0.7%	320,318	4.5%
Goods Producing	59,696	59,742	-0.1%	57,510	3.8%
Mining, Logging and Construction	26,268	26,307	-0.2%	24,576	6.9%
Manufacturing	33,474	33,499	-0.1%	32,970	1.5%
Trade, Transportation and Utilites	77,945	76,894	1.4%	75,156	3.7%
Information	3,581	3,611	-0.8%	3,785	-5.4%
Financial Activities	20,161	20,191	-0.1%	19,653	2.6%
Professional and Business Services	43,173	42,749	1.0%	40,488	6.6%
Education and Health Services	68,146	67,880	0.4%	67,127	1.5%
Leisure and Hospitality	49,586	49,212	0.8%	44,591	11.2%
Other Services	12,047	11,974	0.6%	11,647	3.4%
Government	109,893	109,915	0.0%	109,306	0.5%

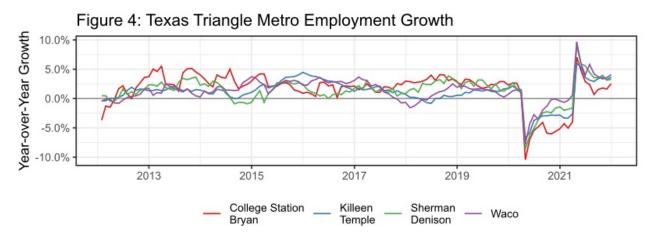


Figure 5: Texas Triangle Metro Employment Index 120 Index 110 100 2013 2015 2017 2019 2021 College Station Killeen Sherman Waco Temple Denison

Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University

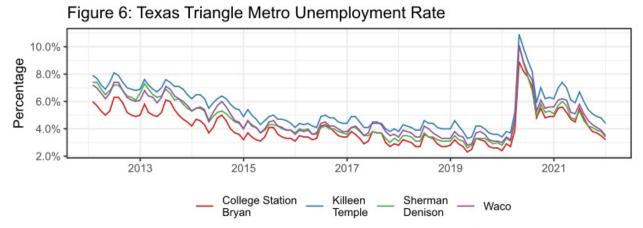


Table 14
Border Metro Nonfarm Seasonally Adjusted Employees

		Last Month		Last Year	
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	846,558	844,233	0.3%	815,876	3.8%
Total Private	660,542	658,393	0.3%	634,685	4.1%
Goods Producing	62,216	62,094	0.2%	60,928	2.1%
Mining, Logging and Construction	32,625	32,553	0.2%	31,324	4.2%
Manufacturing	29,499	29,450	0.2%	29,514	0.0%
Trade, Transportation and Utilites	177,721	176,689	0.6%	172,646	2.9%
Information	8,543	8,651	-1.2%	7,934	7.7%
Financial Activities	30,788	30,794	0.0%	30,180	2.0%
Professional and Business Services	77,783	78,988	-1.5%	77,178	0.8%
Education and Health Services	192,818	192,626	0.1%	184,519	4.5%
Leisure and Hospitality	90,371	89,506	1.0%	82,069	10.1%
Other Services	19,454	19,271	0.9%	18,461	5.4%
Government	185,565	185,152	0.2%	180,792	2.6%

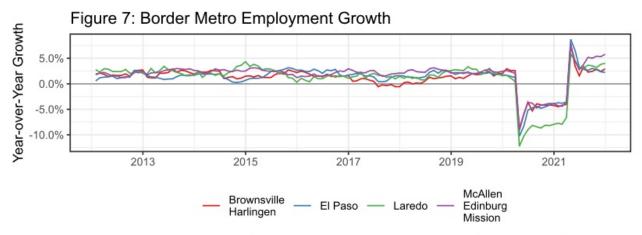


Figure 8: Border Metro Employment Index 120 115 Index 110 105 100 2019 2021 2013 2015 2017 McAllen Brownsville Harlingen Mission

Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University

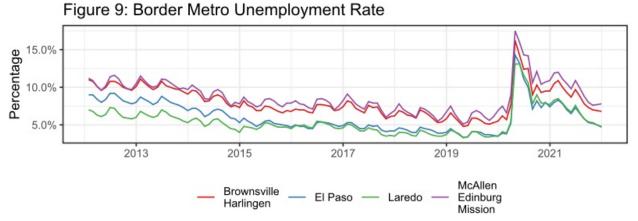
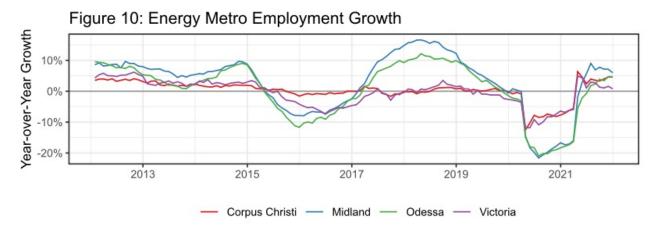
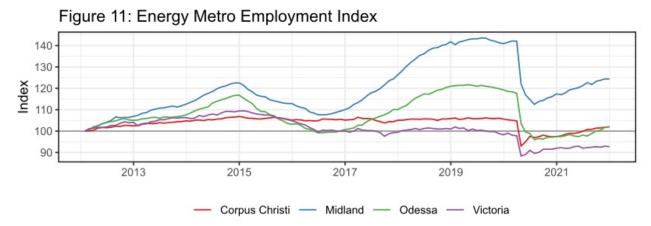


Table 15
Energy Metro Nonfarm Seasonally Adjusted Employees

		Last Month		Last Year	
Industry	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	397,695	397,369	0.1%	379,676	4.7%
Total Private	336,015	334,903	0.3%	318,155	5.6%
Goods Producing	82,923	82,657	0.3%	77,965	6.4%
Mining, Logging and Construction	66,022	65,833	0.3%	61,162	7.9%
Manufacturing	16,741	16,624	0.7%	16,645	0.6%
Trade, Transportation and Utilites	81,007	80,380	0.8%	77,628	4.4%
Information	3,129	3,128	0.0%	2,931	6.7%
Financial Activities	18,155	18,092	0.3%	17,360	4.6%
Professional and Business Services	33,594	33,390	0.6%	31,994	5.0%
Education and Health Services	49,605	49,615	0.0%	49,108	1.0%
Leisure and Hospitality	51,333	51,092	0.5%	45,626	12.5%
Other Services	14,277	14,216	0.4%	13,584	5.1%
Government	62,124	62,376	-0.4%	61,916	0.3%





Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University

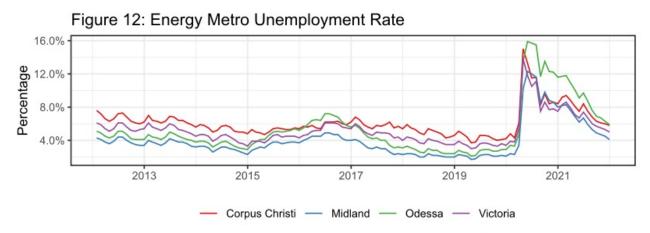
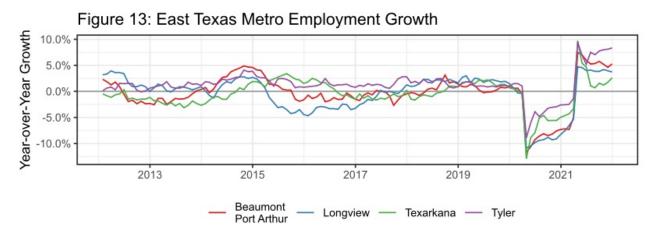
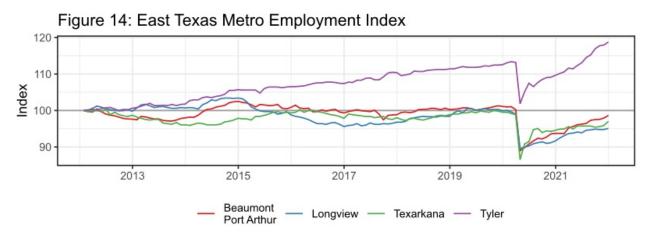


Table 16
East Texas Metro Nonfarm Seasonally Adjusted Employees

Industry		Last Month		Last Year	
	December 2021	Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	430,910	428,172	0.6%	409,171	5.3%
Total Private	365,660	363,267	0.7%	345,239	5.9%
Goods Producing	86,012	85,457	0.6%	79,117	8.7%
Mining, Logging and Construction	41,017	40,899	0.3%	37,506	9.4%
Manufacturing	45,143	44,687	1.0%	41,748	8.1%
Trade, Transportation and Utilites	91,129	89,752	1.5%	86,811	5.0%
Information	3,513	3,433	2.3%	3,412	2.9%
Financial Activities	16,667	16,637	0.2%	16,362	1.9%
Professional and Business Services	39,664	39,660	0.0%	36,285	9.3%
Education and Health Services	70,504	70,253	0.4%	68,698	2.6%
Leisure and Hospitality	44,255	44,040	0.5%	40,957	8.1%
Other Services	14,074	14,136	-0.4%	13,678	2.9%
Government	65,064	64,444	1.0%	63,761	2.0%





Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University

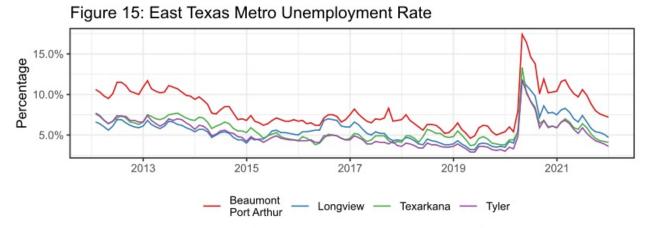
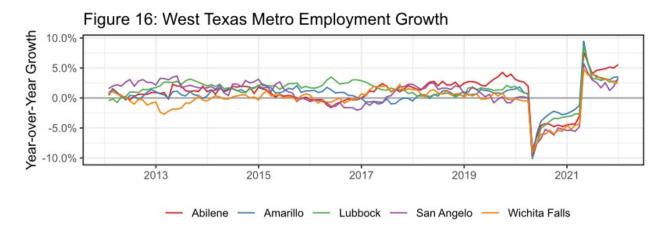
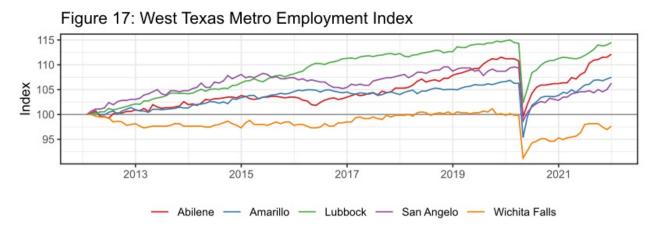


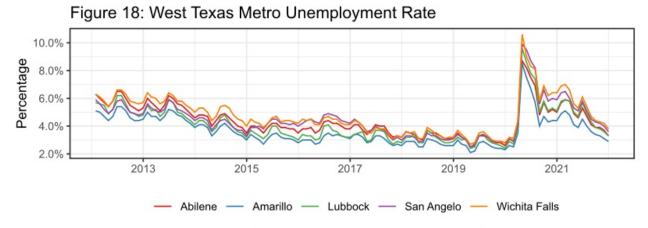
Table 17
West Texas Metro Nonfarm Seasonally Adjusted Employees

Industry	December 2021	Last Month		Last Year	
		Employed	Percent Change	Employed	Percent Change
Total Nonagricultural	397,695	397,369	0.1%	379,676	4.7%
Total Private	336,015	334,903	0.3%	318,155	5.6%
Goods Producing	82,923	82,657	0.3%	77,965	6.4%
Mining, Logging and Construction	66,022	65,833	0.3%	61,162	7.9%
Manufacturing	16,741	16,624	0.7%	16,645	0.6%
Trade, Transportation and Utilites	81,007	80,380	0.8%	77,628	4.4%
Information	3,129	3,128	0.0%	2,931	6.7%
Financial Activities	18,155	18,092	0.3%	17,360	4.6%
Professional and Business Services	33,594	33,390	0.6%	31,994	5.0%
Education and Health Services	49,605	49,615	0.0%	49,108	1.0%
Leisure and Hospitality	51,333	51,092	0.5%	45,626	12.5%
Other Services	14,277	14,216	0.4%	13,584	5.1%
Government	62,124	62,376	-0.4%	61,916	0.3%





Sources: Texas Workforce Commission and Texas Real Estate Research Center at Texas A&M University





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