

Monthly Review of the Texas Economy

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TECHNICAL REPORT

1862
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Monthly Review of the Texas Economy—September 2020 Post-COVID-19 Economic Recovery

By Ali Anari

The Texas economy continues to recover from COVID-19. The state's economy lost 616,600 nonagricultural jobs from August 2019 to August 2020, an annual decline of 4.8 percent, smaller than the nation's employment decline of 6.8 percent (Table 1 and Figure 1). The nongovernment sector lost 588,000 jobs, an annual decline of 5.4 percent, also lower than the nation's employment decline of 7.4 percent in the private sector (Table 1). Texas annual job loss rate in August 2020 was smaller than July 2020, indicating a continued recovery from the COVID-19 pandemic recession (Figure 1).

Texas' seasonally adjusted unemployment rate in August 2020 was 6.8 percent, higher than the 3.5 percent in August 2019. The nation's rate increased from 3.7 to 8.4 percent (Table 1).

Texas Employment Percentage Change by Industry

Table 2 shows Texas industries ranked by employment percentage change from August 2019 to August 2020. All Texas industries except financial activities had fewer jobs in August 2020 than in August 2019. Annual job loss rates varied from 0.53 percent in transportation, warehousing, and utilities to 24.57 percent in the state's mining and logging industry. Figures 2 to 13 show trends in employment percentage change by industry.

Texas Job Shares by Industry and the Government Sector

Table 3 shows Texas industries and the state's government sector ranked by their shares of Texas jobs in August 2020. Of the 12,219,400 nonagricultural jobs, the highest percentage was in the government sector followed by trade, professional and business services, education and health services, leisure and hospitality, and manufacturing. Since August 2019, the government sector; trade; professional and business services; education and health services; manufacturing; financial activities; and transportation, warehousing, and utilities have expanded their shares of Texas employment at the expense of leisure and hospitality, construction, other services, mining and logging, and information. Figures 14 to 25 show trends in shares of total Texas jobs by industry.

Contributions of Texas Industries to Texas Employment Percentage Change

The statewide employment percentage change from August 2019 to August 2020 is the weighted average of employment growth or decline rates of all Texas industries for the period. Weights are shares of jobs by industry. The positive or negative contribution of each industry to the statewide employment percentage change is equal to the employment growth or decline rate in that industry multiplied by its share of Texas jobs. Table 4 shows Texas industries and the state's government sector ranked by their contributions to Texas employment percentage change from August 2019 to August 2020. Financial activities was the state's only industry that had a positive contribution. The rest had negative contributions. Figures 26 to 37 show trends in contributions of Texas industries to Texas job growth or decline rates.

Employment Percentage Changes by Texas Metropolitan Areas

All Texas metros except College Station-Bryan had fewer jobs in August 2020 than in August 2019 (Table 5). Waco had the smallest employment decline followed by Texarkana, Sherman-Denison, Austin-Round Rock, Dallas-Plano-Irving, Killeen-Temple-Fort Hood, Abilene, Tyler,



and San Antonio-New Braunfels. Figures 38 to 63 show trends in annual employment growth or decline rates for the state's metropolitan areas.

Texas Job Shares by Metropolitan Area

Table 6 shows Texas metropolitan areas ranked by their shares of total Texas jobs in August 2020. Houston-The Woodlands-Sugar Land had the largest share of Texas jobs followed by Dallas-Plano-Irving, Austin-Round Rock, Fort Worth-Arlington, San Antonio-New Braunfels, El Paso, and McAllen-Edinburg-Mission. Figures 64 to 89 show trends in metropolitan shares of total Texas jobs.

Contributions of Texas Metropolitan Areas to Texas Employment Percentage Change

The statewide employment percentage change from August 2019 to August 2020 is the weighted average of employment growth or decline rates of all Texas metros for the period. Weights are shares of jobs by area. The positive or negative contribution of each metro to the statewide employment percentage change is equal to the employment growth or decline rate in that area multiplied by its share of Texas jobs. Table 7 shows Texas metros ranked by their contributions to Texas' employment decline from August 2019 to August 2020. Houston-The Woodlands-Sugar Land accounted for the largest percentage of the state's employment decline rate followed by Dallas-Plano-Irving, Fort Worth-Arlington, San Antonio-New Braunfels, Austin-Round Rock, Midland, McAllen-Edinburg-Mission, and El Paso. Figures 90 to 115 show trends in contributions of Texas metros to total Texas job growth rates.

Unemployment Rate by Metropolitan Area

The state's actual unemployment rate in August 2020 was 7 percent. Amarillo had the lowest unemployment rate followed by College Station-Bryan, Abilene, Sherman-Denison, Lubbock, Waco, and Austin-Round Rock (Table 8).

Employment Percentage Changes by Industry in Largest Texas Metropolitan Areas

Table 9 shows annual growth or decline rates of employment by industry in the six largest Texas metropolitan areas from August 2019 to August 2020. The state's leisure and hospitality industry is bearing the brunt of the COVID-19 pandemic in the major metro areas followed by the information industry, and other services industry.



Table 1
Texas and U.S. Labor Markets

			Chang	ge
NonFarm Employment	August 2020	August 2019	Absolute	Percent
Texas	12,219,400	12,836,000	-616,600	-4.8
United States	140,914,000	151,160,000	-10,246,000	-6.8
Private Employment	August 2020	August 2019	Absolute	Percent
Texas	10,264,900	10,852,900	-588,000	-5.4
United States	119,000,000	128,523,000	-9,523,000	-7.4

	August 2020		Unemployment Rate, Percen	
Labor Participation	Labor Force	Unemployed	August 2020	August 2019
Texas	14,378,010	974,630	6.8	3.5
United States	160,838,000	13,550,000	8.4	3.7

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

Table 2
Texas Industries and Government Sector Ranked by Employment Growth Rate
From August 2019 to August 2020

	1 Tom Tugust 2	ory to riugust	2020		
		August	August		
Rank	Industry	2020	2019	Change	%Change
1	Financial Activities	809,700	806,100	3,600	0.45
2	Transportation, Warehousing, Utilities	582,200	585,300	-3,100	-0.53
3	Professional and Business Services	1,778,500	1,801,500	-23,000	-1.28
4	Government	1,954,500	1,983,100	-28,600	-1.44
5	Trade	1,856,200	1,927,500	-71,300	-3.70
6	Education and Health Services	1,675,100	1,745,300	-70,200	-4.02
7	Manufacturing	869,100	909,000	-39,900	-4.39
8	Construction	739,800	779,100	-39,300	-5.04
9	Other Services	423,600	446,700	-23,100	-5.17
10	Information	195,900	209,000	-13,100	-6.27
11	Leisure and Hospitality	1,147,500	1,395,100	-247,600	-17.75
12	Mining and Logging	187,300	248,300	-61,000	-24.57

Table 3
Texas Industries' and Government's Shares of Employment

		August	August
		2020	2019
Rank	Industry	Percent	Percent
1	Government	16.00	15.45
2	Trade	15.19	15.02
3	Professional and Business Services	14.55	14.03
4	Education and Health Services	13.71	13.60
5	Leisure and Hospitality	9.39	10.87
6	Manufacturing	7.11	7.08
7	Financial Activities	6.63	6.28
8	Construction	6.05	6.07
9	Transportation, Warehousing, Utilities	4.76	4.56
10	Other Services	3.47	3.48
11	Information	1.60	1.63
12	Mining and Logging	1.53	1.93
	Total	100.00	100.00

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

Note: Components may not add up to totals due to rounding

Table 4
Contributions of Texas Industries and the Government Sector to Texas Employment Growth Rate

		August	August
		2020	2019
Rank	Industry	Percent	Percent
1	Financial Activities	0.0280	0.1965
2	Transportation, Warehousing, Utilities	-0.0242	0.1885
3	Information	-0.1021	0.0350
4	Professional and Business Services	-0.1792	0.4312
5	Other Services	-0.1800	0.0708
6	Government	-0.2228	0.2084
7	Construction	-0.3062	0.2689
8	Manufacturing	-0.3108	0.1750
9	Mining and Logging	-0.4752	-0.0183
10	Education and Health Services	-0.5469	0.3302
11	Trade	-0.5555	0.0008
12	Leisure and Hospitality	-1.9289	0.2315
	Total	-4.8037	2.1186

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

Note: Components may not add up to totals due to rounding



Table 5
Texas Metropolitan Areas Ranked by Employment Growth Rate
From August 2019 to August 2020

Rank	Metropolitan Area	Employment Growth Rate, %
1	College Station-Bryan	0.9
2	Waco	-1.2
3	Texarkana	-1.5
4	Sherman-Denison	-2.3
5	Austin-Round Rock	-2.5
6	Dallas-Plano-Irving	-2.9
7	Killeen-Temple-Fort Hood	-3.0
8	Abilene	-3.2
9	Tyler	-3.3
10	San Antonio-New Braunfels	-3.8
11	El Paso	-4.2
	Texas	-4.8
12	Lubbock	-4.8
13	Fort Worth-Arlington	-4.9
14	McAllen-Edinburg-Mission	-5.2
15	Wichita Falls	-5.3
16	Brownsville-Harlingen	-5.4
17	Houston-The Woodlands-Sugar Land	-5.8
18	Amarillo	-6.3
18	Laredo	-6.3
20	Corpus Christi	-6.4
21	Victoria	-7.0
22	Longview	-7.3
23	Beaumont-Port Arthur	-8.0
24	San Angelo	-8.6
25	Odessa	-12.0
26	Midland	-13.7
	Micropolitan Texas	-8.7



Table 6
Texas Metropolitan and Micropolitan Shares of Total Texas Jobs

		August	August
		2020	2019
Rank	Metropolitan Area	Percent	Percent
1	Houston-The Woodlands-Sugar Land	24.3703	24.6292
2	Dallas-Plano-Irving	21.4929	21.0720
3	Austin-Round Rock	8.9587	8.7496
4	Fort Worth-Arlington	8.4988	8.5089
5	San Antonio-New Braunfels	8.4963	8.4115
6	El Paso	2.5500	2.5327
7	McAllen-Edinburg-Mission	2.1171	2.1253
8	Corpus Christi	1.4878	1.5137
9	Beaumont-Port Arthur	1.2423	1.2854
10	Lubbock	1.1735	1.1740
11	Killeen-Temple-Fort Hood	1.1539	1.1320
12	Brownsville-Harlingen	1.1244	1.1312
13	College Station-Bryan	1.0172	0.9598
14	Waco	0.9968	0.9606
15	Amarillo	0.9313	0.9458
16	Tyler	0.8405	0.8274
17	Laredo	0.8274	0.8406
18	Midland	0.8126	0.8959
19	Longview	0.7611	0.7814
20	Odessa	0.6015	0.6505
21	Abilene	0.5778	0.5679
22	Texarkana	0.4902	0.4737
23	Wichita Falls	0.4640	0.4667
24	Sherman-Denison	0.3879	0.3778
25	San Angelo	0.3724	0.3880
26	Victoria	0.3175	0.3249
	Micropolitan Texas	7.9357	8.2736
	Total	100.0000	100.0000

Note: Components may not add up to totals due to rounding



Table 7
Contributions of Texas Metropolitan and Micropolitan Areas to Total Texas Employment Growth Rate

		August	August
Rank	Metropolitan Area	2020	2019
1	College Station-Bryan	0.0086	0.0199
2	Texarkana	-0.0070	0.0088
3	Sherman-Denison	-0.0086	0.0024
4	Waco	-0.0117	0.0143
5	Abilene	-0.0179	0.0207
6	Victoria	-0.0226	0.0000
7	Wichita Falls	-0.0249	0.0024
8	Tyler	-0.0273	0.0016
9	San Angelo	-0.0335	-0.0016
9	Killeen-Temple-Fort Hood	-0.0335	0.0151
11	Laredo	-0.0530	0.0159
12	Lubbock	-0.0569	0.0167
12	Longview	-0.0569	0.0175
14	Amarillo	-0.0592	0.0095
15	Brownsville-Harlingen	-0.0608	0.0239
16	Odessa	-0.0779	0.0103
17	Corpus Christi	-0.0974	0.0095
18	Beaumont-Port Arthur	-0.1028	-0.0016
19	El Paso	-0.1052	0.0461
20	McAllen-Edinburg-Mission	-0.1098	0.0573
21	Midland	-0.1223	0.0310
22	Austin-Round Rock	-0.2213	0.3294
23	San Antonio-New Braunfels	-0.3233	0.1352
24	Fort Worth-Arlington	-0.4184	0.1997
25	Dallas-Plano-Irving	-0.6116	0.6070
26	Houston-The Woodlands-Sugar Land	-1.4296	0.4869
	Micropolitan Texas	-0.7191	0.0406
	Total	-4.8037	2.1186

Note: Components may not add up to totals due to rounding



Table 8
Texas Metropolitan Areas Ranked by Unemployment Rate
August 2020

Rank	Metropolitan Area	Unemployment Rate, %
1	Amarillo	4.2
2	College Station-Bryan	4.7
3	Abilene	4.9
4	Sherman-Denison	5.0
5	Lubbock	5.2
6	Waco	5.4
7	Austin-Round Rock	5.5
8	Wichita Falls	5.9
9	Killeen-Temple-Fort Hood	6.0
9	San Angelo	6.0
9	Tyler	6.0
12	Dallas-Plano-Irving	6.2
13	Fort Worth-Arlington	6.5
14	San Antonio-New Braunfels	6.6
15	Texarkana	6.7
	Texas	7.0
16	El Paso	7.3
16	Longview	7.3
18	Victoria	7.5
19	Laredo	7.8
20	Houston-The Woodlands-Sugar Land	8.1
20	Midland	8.1
22	Corpus Christi	8.4
23	Brownsville-Harlingen	9.3
24	Beaumont-Port Arthur	10.3
25	McAllen-Edinburg-Mission	10.9
26	Odessa	11.1



Table 9
Employment Growth or Decline Rates by Industry in Largest Texas Metropolitan Areas
Annual Percentage Change from August 2019 to August 2020

Largest Texas Metropolitan Areas Houston Dallas San Antonio Fort Worth El Paso Industry: Austin Mining and Construction -13.39 1.83 -3.08 -5.95 4.02 -3.47 Manufacturing -2.23 -2.33 -7.52 5.38 -2.94 -9.69 Trade, Transportation and Utilities -2.76 0.49 -3.74 -0.44 0.19 0.00 Information -12.20 -1.40 -5.47 -11.11 -11.89 -6.25 Financial Activities -1.852.77 -2.96 4.18 13.10 -2.22 Professional and Business Services -0.242.72 -0.81 -5.63 -1.69 -11.41 **Education and Health Services** -2.91 -6.44 -5.52 -6.37 -7.94 -1.65 -23.74 Leisure and Hospitality -17.24-20.59 -14.08 -18.14 -18.35 -12.90 Other Services -9.74 -5.37 -6.72 -10.64 -3.53 Government -2.55-1.11 -0.30 2.35 -0.741.59

Figure 1
Nonfarm Employment Growth Rates for Texas

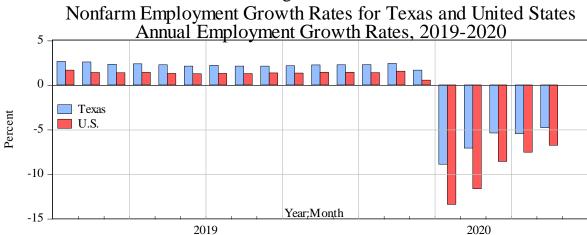
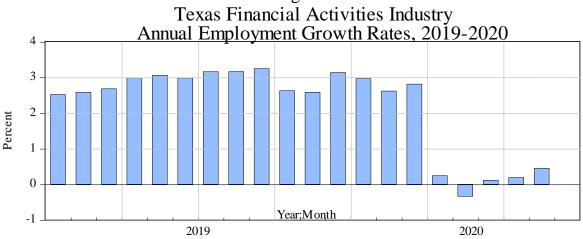


Figure 2



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

Figure 3

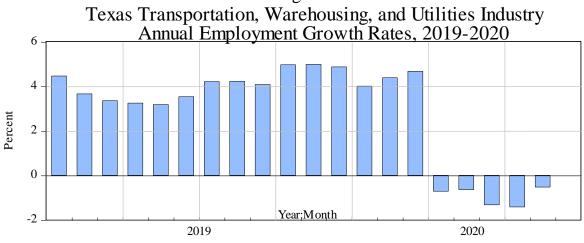




Figure 4

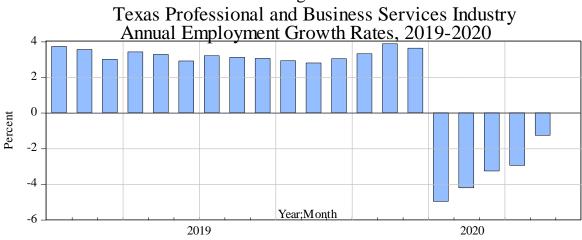
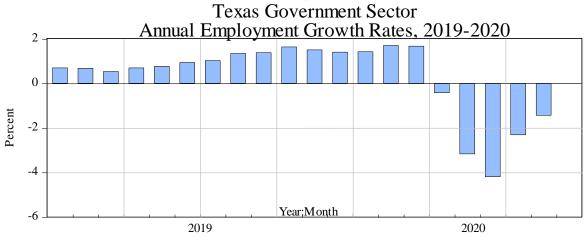


Figure 5



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

Figure 6

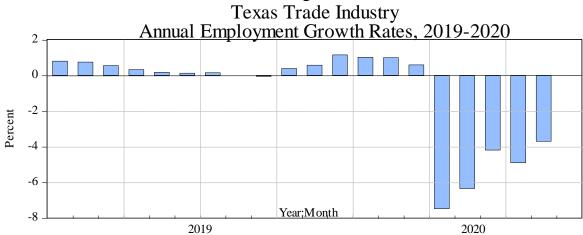




Figure 7

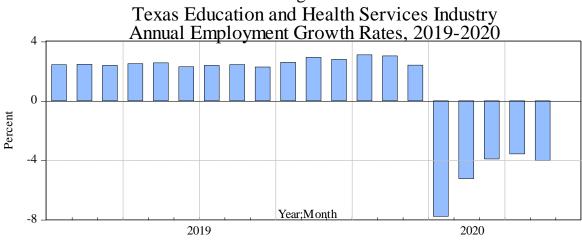
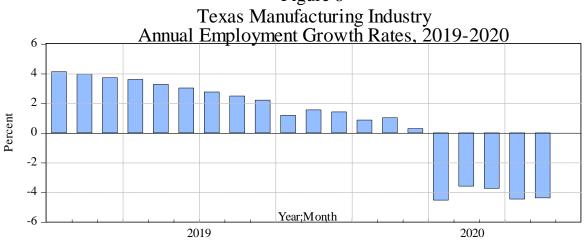


Figure 8



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

Figure 9

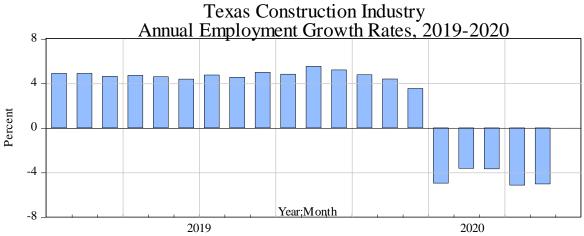




Figure 10
Texas Other Services Industry
Annual Employment Growth Rates, 2019-2020

-5
-10
-15
-20

2019

Year; Month

Figure 11
Texas Information Industry
Annual Employment Growth Rates, 2019-2020

Year;Month
2019
2020

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

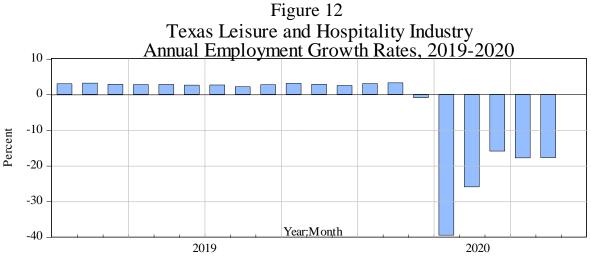




Figure 13

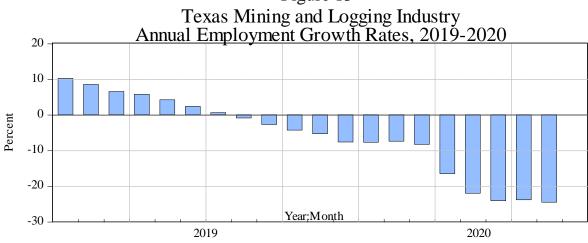
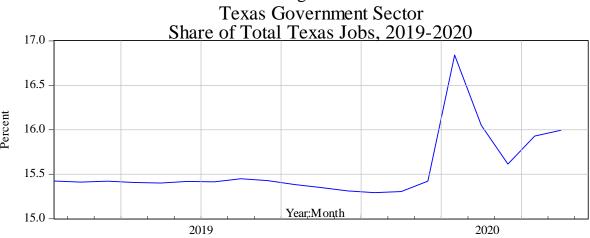


Figure 14



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

Figure 15





Figure 16
Texas Professional and Business Services Industry
Share of Total Texas Jobs. 2019-2020

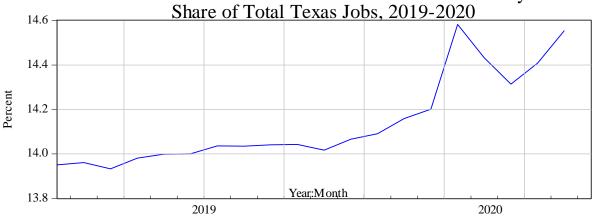


Figure 17
Texas Education and Health Services Industry
Share of Total Taxes John 2010, 2020



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

Figure 18
Texas Leisure and Hospitality Industry
Share of Total Texas Jobs, 2019-2020

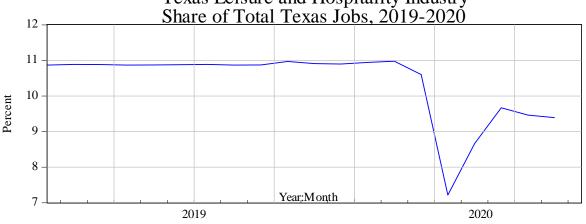




Figure 19

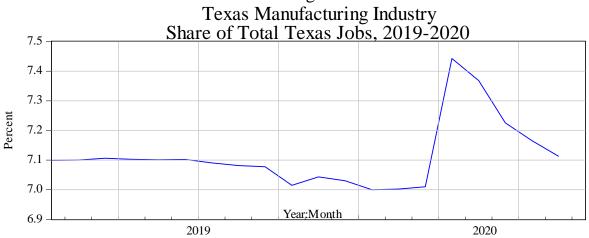
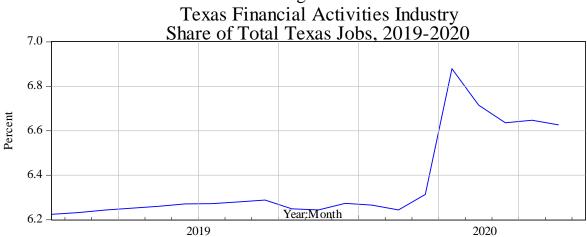


Figure 20



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

Figure 21

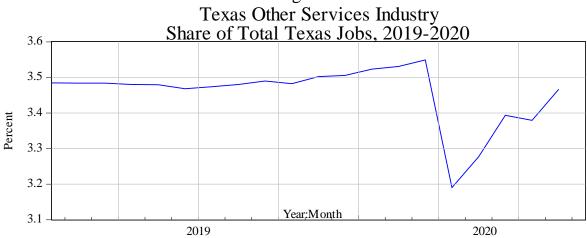




Figure 22 Texas Transportation, Utilities, Warehousing Industry Share of Total Texas Jobs, 2019-2020



Figure 23



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

Figure 24





Figure 25

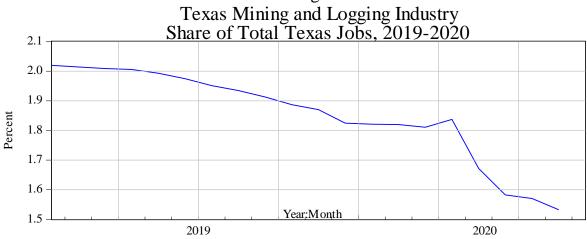


Figure 26



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

Figure 27

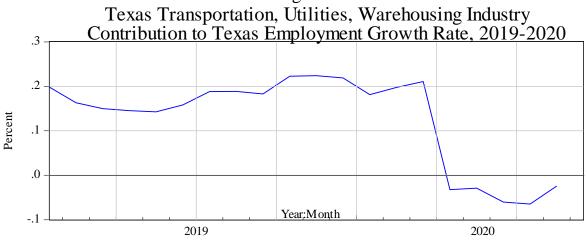




Figure 28 **Texas Information Industry**

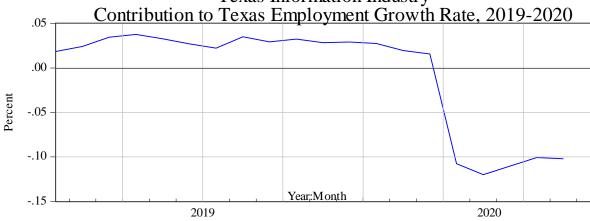
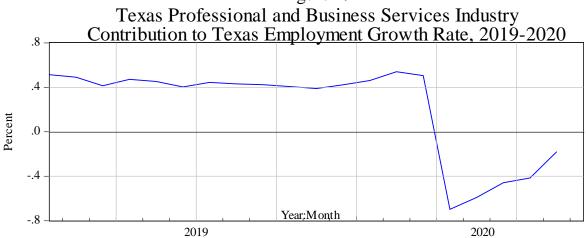


Figure 29



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

Figure 30

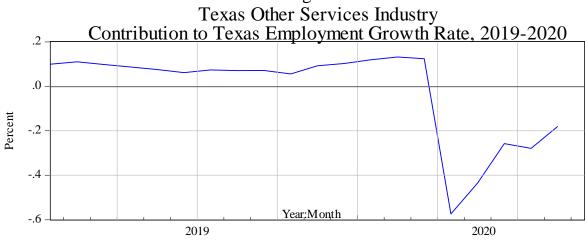




Figure 31
Fexas Governmen

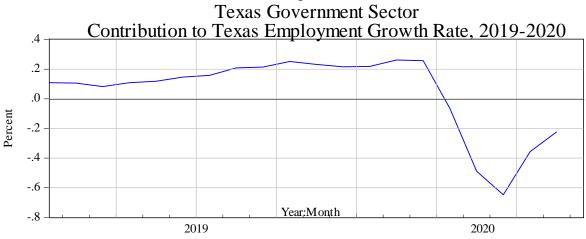


Figure 32



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

Figure 33

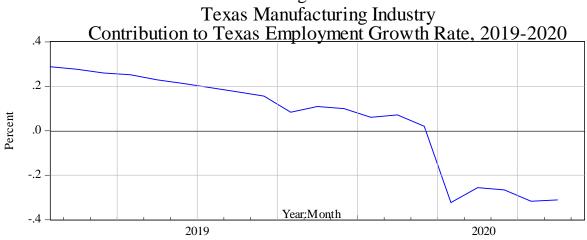




Figure 34

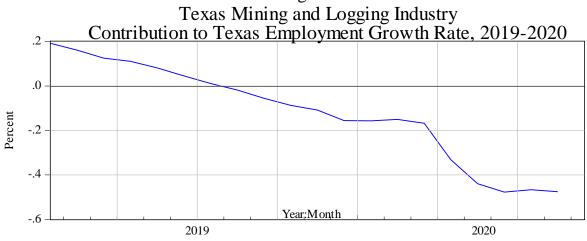
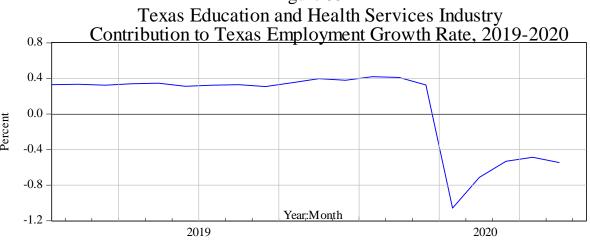


Figure 35



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

Figure 36

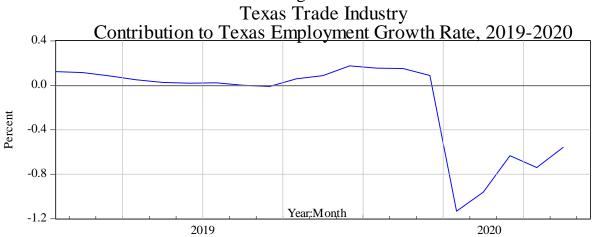




Figure 37

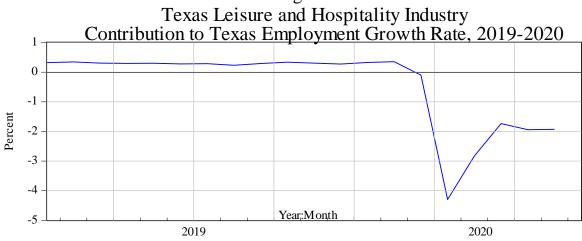
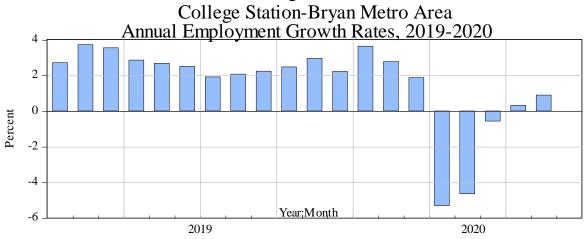
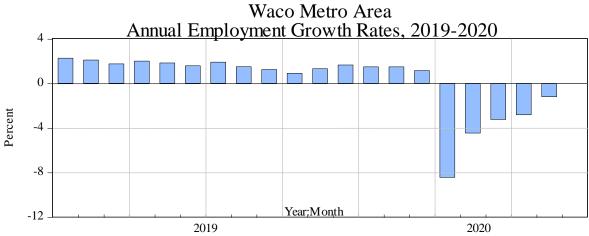


Figure 38



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

Figure 39



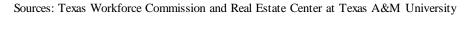


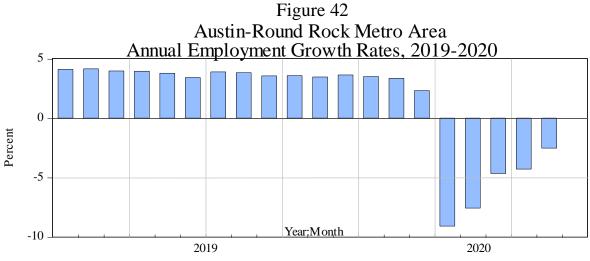
2020

2019

Sherman-Denison Metro Area
Annual Employment Growth Rates, 2019-2020

Year;Month
2020







Dallas-Plano-Irving Metro Area
Annual Employment Growth Rates, 2019-2020

4
Year;Month

Figure 44
Killeen-Temple Metro Area
Annual Employment Growth Rates, 2019-2020

4
2
4
-6
-8
Year;Month

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

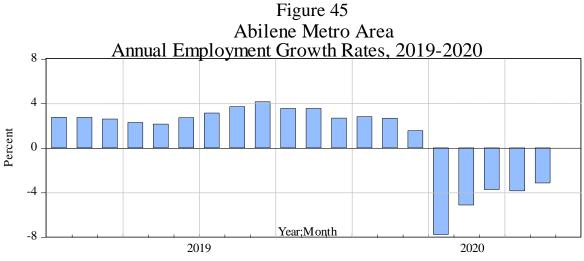




Figure 47
San Antonio-New Braunfels Metro Area
Annual Employment Growth Rates, 2019-2020

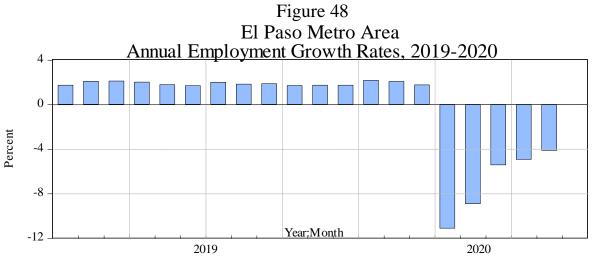
4

-8

-12

Year; Month
2020

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





Lubbock Metro Area
Annual Employment Growth Rates, 2019-2020

4
8
12
12
12
2019
2020

Figure 50
Fort Worth-Arlington Metro Area
Annual Employment Growth Rates, 2019-2020

4

-8

-12

Year; Month

2020

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

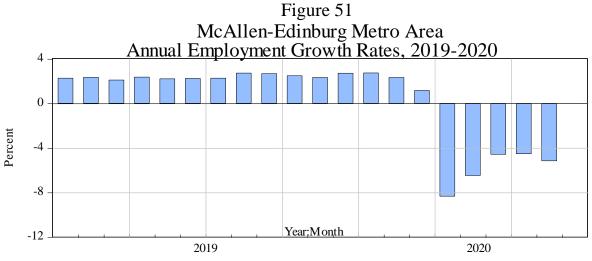




Figure 52

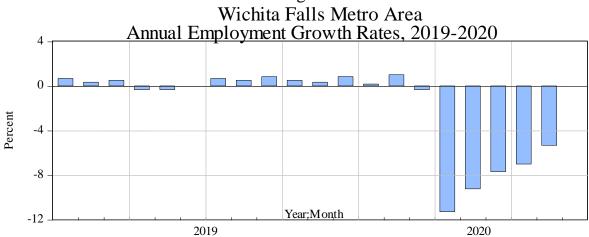
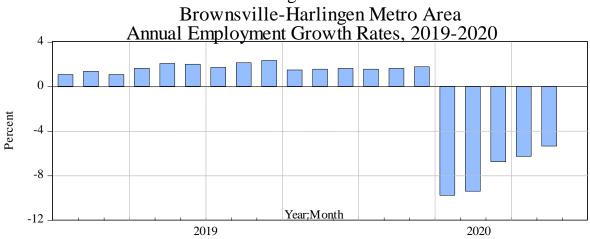


Figure 53



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

Figure 54

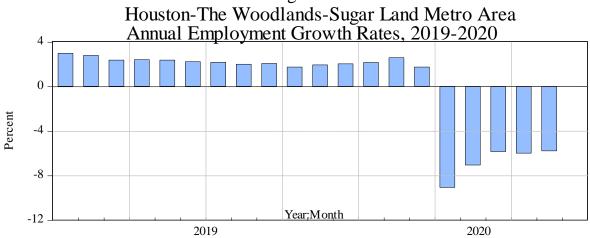
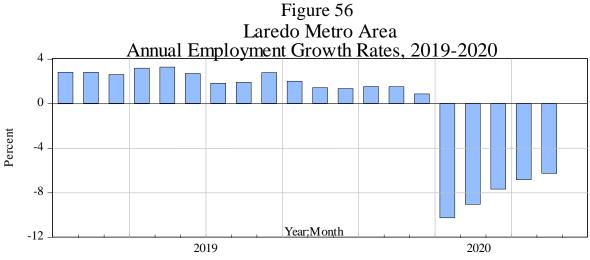




Figure 55
Amarillo Metro Area
Annual Employment Growth Rates, 2019-2020

4
8
12
12
12
2019
2020



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

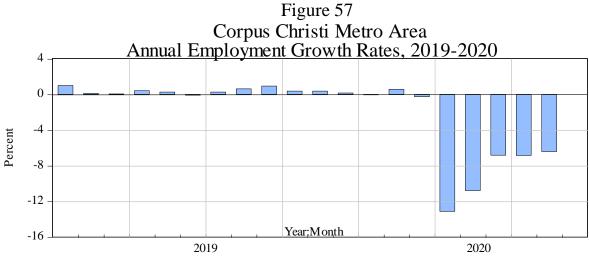




Figure 58 Victoria Metro Area

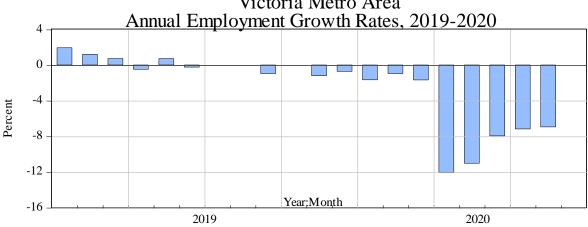
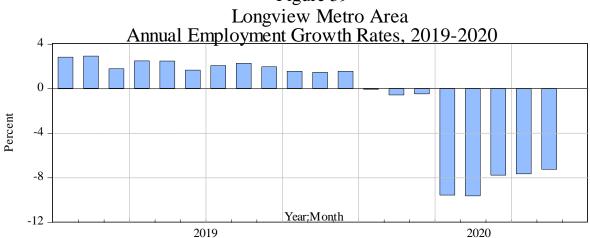
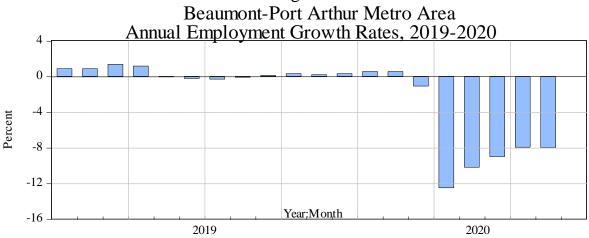


Figure 59



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

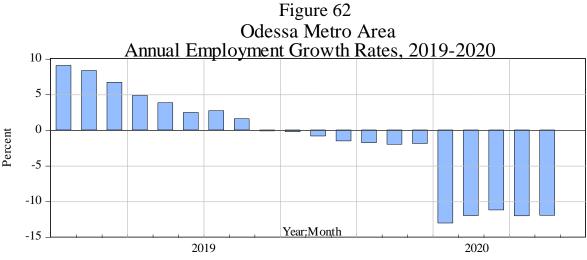
Figure 60





2020

2019



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

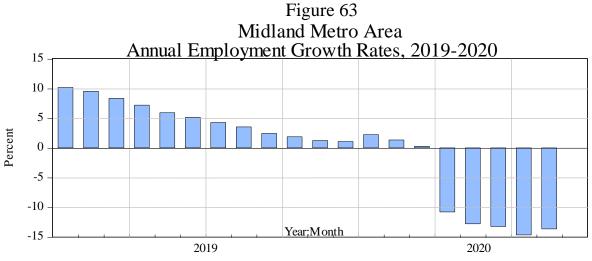




Figure 64 Houston-The Woodlands-Sugar Land Metro Area Share of Total Texas Jobs, 2019-2020

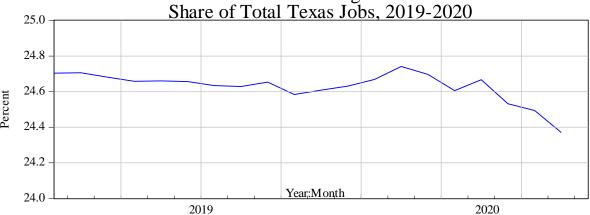
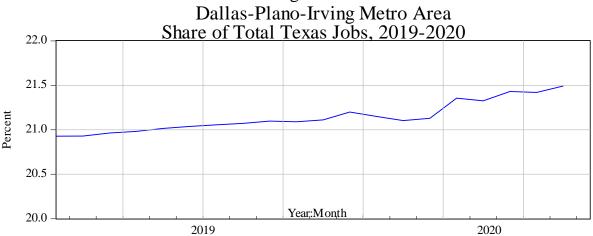


Figure 65



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

Figure 66 Austin-Round Rock Metro Area





Figure 67
Fort Worth-Arlington Metro Area
Share of Total Texas Jobs, 2019-2020



Figure 68
San Antonio-New Braunfels Metro Area
Share of Total Texas Jobs 2019-2020



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

Figure 69 El Paso Metro Area





Figure 70 McAllen-Edinburg-Mission Metro Area Share of Total Texas Jobs, 2019-2020

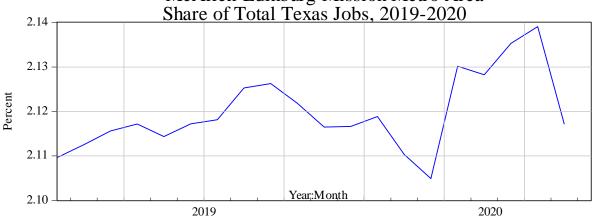
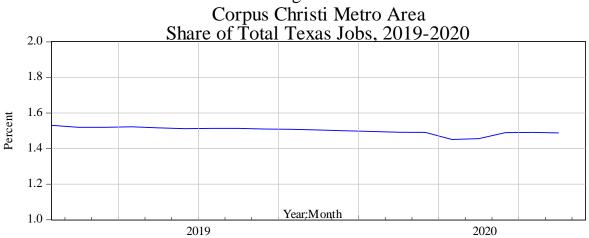


Figure 71



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

Figure 72 Beaumont-Port Arthur Metro Area





Figure 73 Lubbock Metro Area

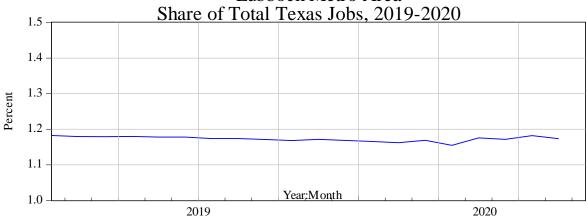
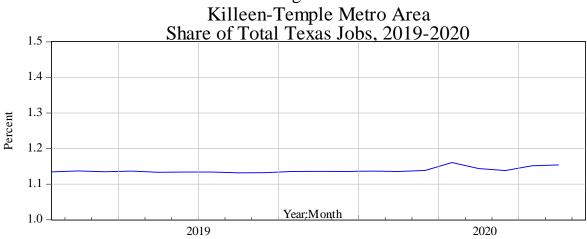


Figure 74



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

Figure 75 Brownsville-Harlingen Metro Area Share of Total Texas Jobs, 2019-2020

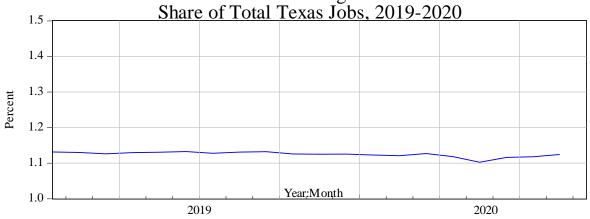




Figure 76
College Station-Bryan Metro Area
Share of Total Texas Jobs, 2019-2020



Figure 77 Waco Metro Area



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

Figure 78 Amarillo Metro Area

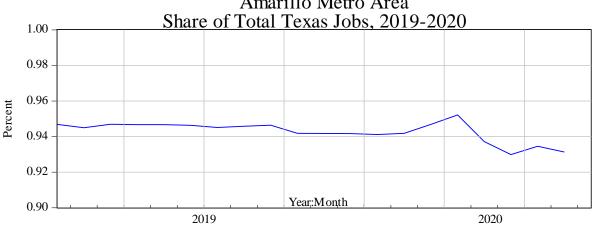




Figure 79

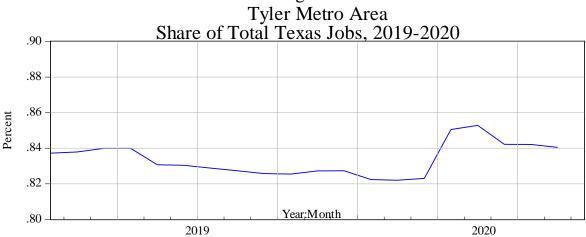


Figure 80 Laredo Metro Area



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

Figure 81 Midland Metro Area

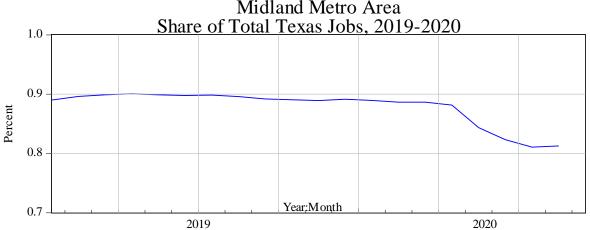




Figure 82

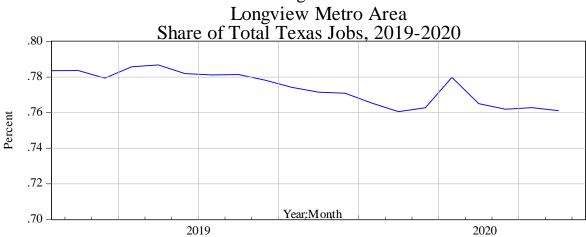


Figure 83 Odessa Metro Area



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

Figure 84 Abilene Metro Area





Figure 85 Texarkana Metro Area

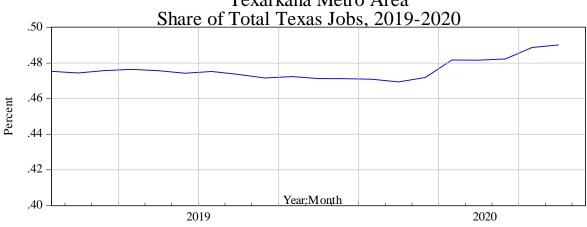
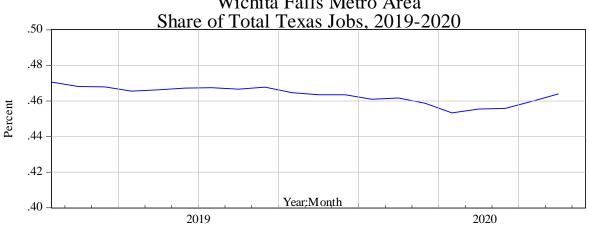


Figure 86 Wichita Falls Metro Area



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

Figure 87
Sherman-Denison Metro Area

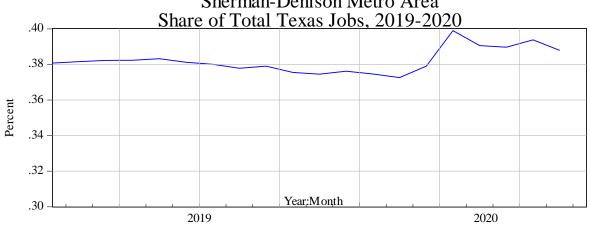




Figure 88

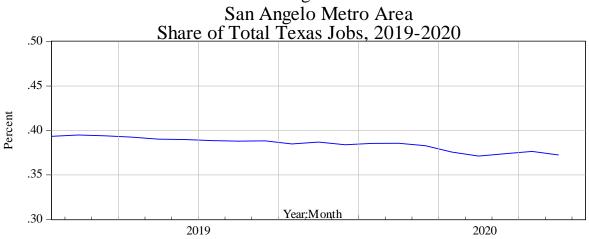


Figure 89 Victoria Metro Area



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

Figure 90

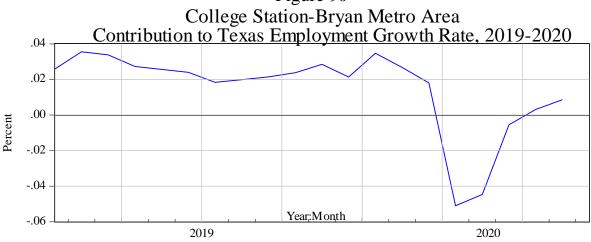




Figure 91
Texarkana Metro

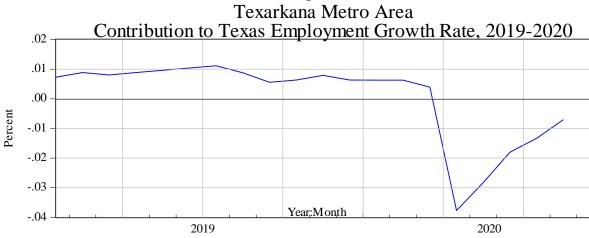
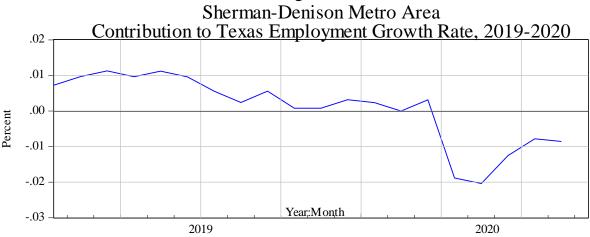


Figure 92



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

Figure 93
Waco Metro 4

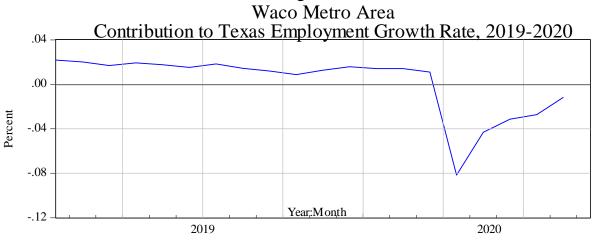
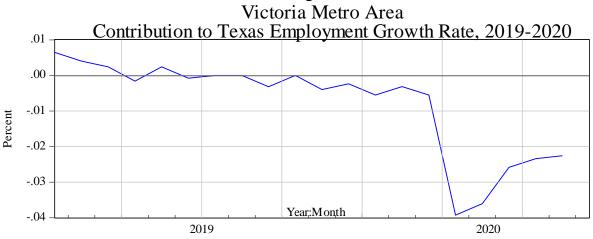




Figure 94 Abilene Metro Area



Figure 95



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

Figure 96
Wichita Falls Matri

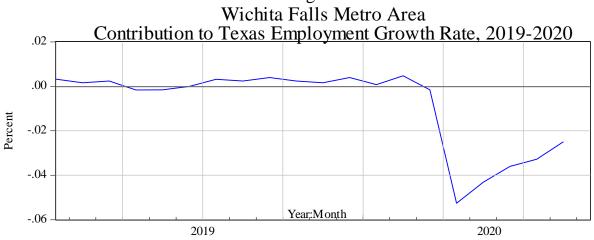




Figure 97

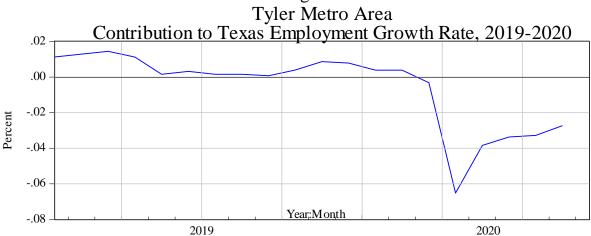
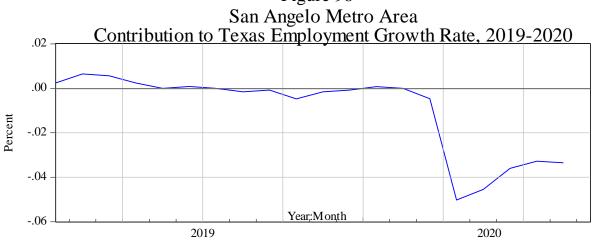


Figure 98



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

Figure 99





Figure 100 Laredo Metro Area

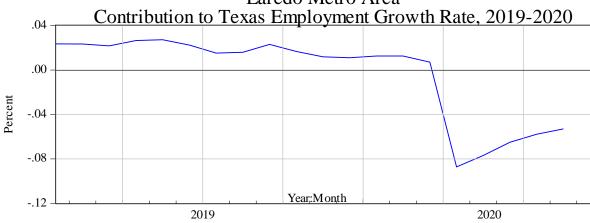
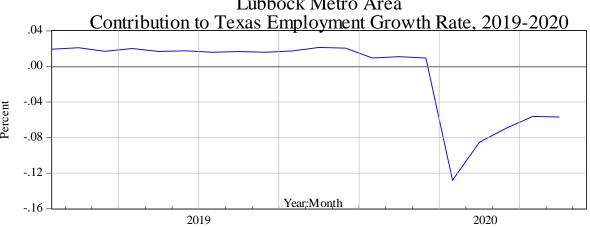


Figure 101 Lubbock Metro Area



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

Figure 102

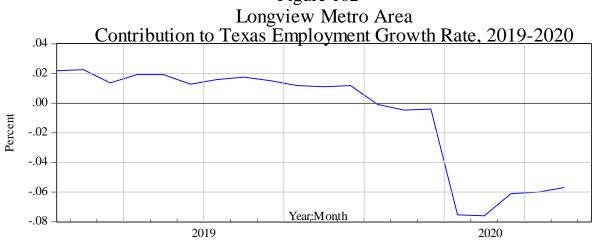




Figure 103 Amarillo Metro Area

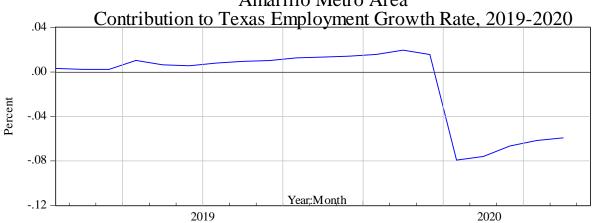
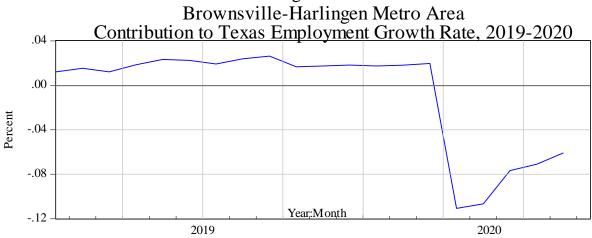


Figure 104



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

Figure 105

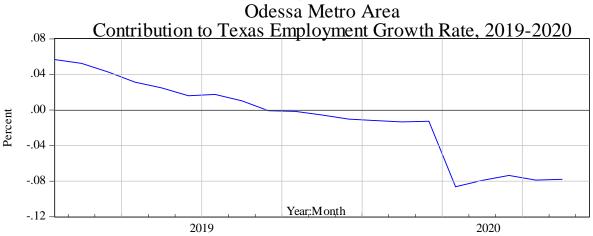




Figure 106
Corpus Christi Metro Area
Contribution to Texas Employment Growth Rate, 2019-2020

-.05
-.10
-.15
-.20
-.25

Year:Month

Figure 107
Beaumont-Port Arthur Metro Area
Contribution to Texas Employment Growth Rate, 2019-2020

-.05
-.10
-.15
-.20
Year; Month

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

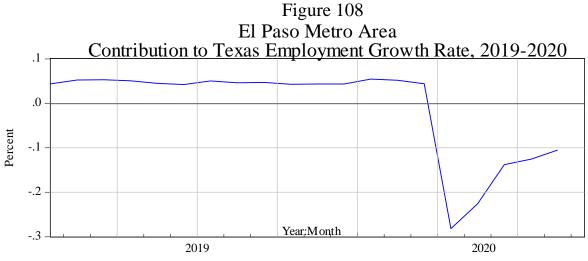




Figure 109

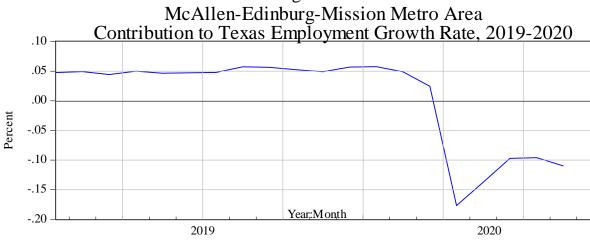
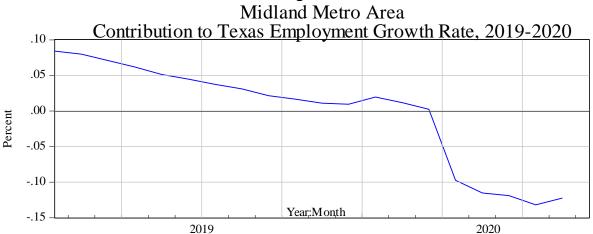


Figure 110



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

Figure 111

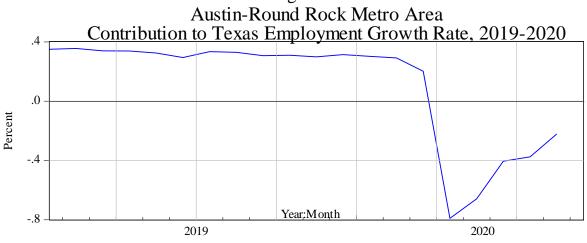




Figure 112

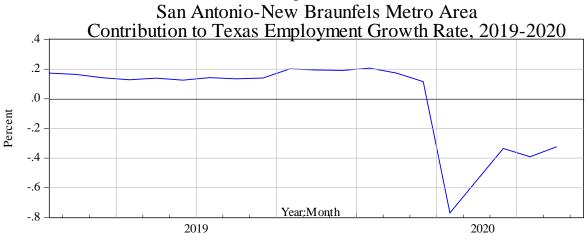
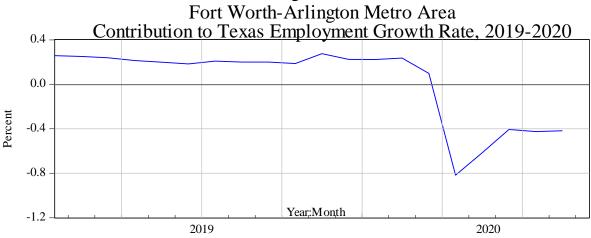
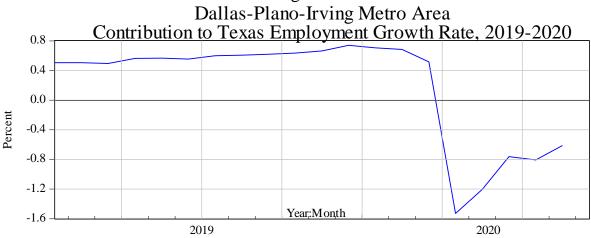


Figure 113



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

Figure 114





Houston-The Woodlands-Sugar Land Metro Area Contribution to Texas Employment Growth Rate, 2019-2020



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