

Monthly Review of the Texas Economy

Ali Anari, Research Economist

TECHNICAL REPORT

1862

MARCH 2020

Monthly Review of the Texas Economy—March 2020 By Ali Anari

The Texas economy gained 314,500 nonagricultural jobs from February 2019 to February 2020, an annual growth rate of 2.5 percent, higher than the nation's employment growth rate of 1.6 percent (Table 1 and Figure 1). The nongovernment sector added 287,000 jobs, an annual growth rate of 2.7 percent, also more than the nation's employment growth rate of 1.7 percent in the private sector (Table 1).

Texas' seasonally adjusted unemployment rate in February 2020 was 3.5 percent, lower than the 3.6 percent rate in February 2019. The nation's rate decreased from 3.8 to 3.5 percent (Table 1).

Texas Employment Growth Rates by Industry

Table 2 shows Texas industries ranked by employment growth rate from February 2019 to February 2020. All Texas industries except mining and logging industry had more jobs in February 2020 than in February 2019. The construction industry ranked first in job creation followed by transportation, warehousing, and utilities; professional and business services; other services; leisure and hospitality; education and health services; and financial activities. Figures 2 to 13 show trends in employment growth rates 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 February 2020. Of the 13,024,300 nonagricultural jobs in February 2020, the highest percentage of employment by industry was in the government sector followed by trade, professional and business services, education and health services, leisure and hospitality, and manufacturing. Since February 2019, professional and business services; education and health services; leisure and hospitality; financial activities; construction; transportation, warehousing, and utilities; and other services have expanded their shares of Texas employment at the expense of the government sector, trade, manufacturing, mining and logging, and the information industry. Figures 14 to 25 show trends in shares of total Texas jobs by industry.

Contributions to Texas Employment Growth Rate by Industry

Texas' statewide employment growth rate of 2.5 percent, or more exactly 2.4745 percent, from February 2019 to February 2020 is the weighted average of employment growth rates for all Texas industries for the period. Weights are shares of jobs by industry. The contribution of each industry to the statewide employment growth rate is equal to the employment growth rate of 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 growth rates from February 2019 to February 2020. Professional and business services ranked first in contribution to job growth followed by education and health services; leisure and hospitality; construction; government sector; and transportation, warehousing, and utilities. Figures 26 to 37 show trends in contributions of Texas industries to Texas job growth rates.

Employment Growth Rates by Texas Metropolitan Areas

All Texas metros except San Angelo, Longview, Victoria, and Odessa had more jobs in February 2020 than in February 2019 (Table 5). Austin-Round Rock and Dallas-Plano-Irving ranked first in job creation followed by College Station-Bryan, Fort Worth-Arlington, Abilene, Houston-The Woodlands-Sugar Land, and McAllen-Edinburg-Mission. Figures 38 to 63 show trends in annual employment growth 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 February 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 to Texas' Employment Growth Rate by Metropolitan Area

The statewide employment growth rate of 2.4745 percent in Texas from February 2019 to February 2020 is the weighted average of employment growth rates of all Texas metros for the period. Weights are shares of jobs by area. The contribution of each metro to the statewide employment growth rate is equal to the employment growth rate in that area multiplied by its share of Texas jobs. Table 7 shows Texas metros ranked by their contributions to Texas employment growth rates from February 2019 to February 2020. Dallas-Plano-Irving ranked first followed by Houston-The Woodlands-Sugar Land, Austin-Round Rock, Fort Worth-Arlington, San Antonio-New Braunfels, El Paso, and McAllen-Edinburg-Mission. 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 February 2020 was 3.6 percent. Midland had the lowest unemployment rate followed by Amarillo, Austin-Round Rock, College Station-Bryan, and Lubbock (Table 8).

Employment Growth Rates by Industry in Largest Texas Metropolitan Areas

Table 9 shows annual growth rates of employment by industry in the six largest Texas metropolitan areas from February 2019 to February 2020. Houston-The Woodlands-Sugar Land is currently experiencing positive employment growth rates in the government sector and in all industries except manufacturing. Dallas-Plano-Irving and Austin-Round Rock posted employment growth in their government sectors and in all industries. San Antonio-New Braunfels is currently experiencing employment growth in the area's government sector and in all industries except information. Fort Worth-Arlington's economy is currently driven by leisure and hospitality, education and health services, other services, professional and business services, and financial activities. El Paso's economy is currently experiencing positive employment growth rates in the government sector and in all industries except manufacturing.



Table 1
Texas and U.S. Labor Markets

		_	Chang	ge
NonFarm Employment	Feb. 2020	Feb. 2019	Absolute	Percent
Texas	13,024,300	12,709,800	314,500	2.5
United States	152,544,000	150,135,000	2,409,000	1.6
Private Employment	Feb. 2020	Feb. 2019	Absolute	Percent
Texas	11,037,900	10,750,900	287,000	2.7
United States	129,769,000	127,622,000	2,147,000	1.7

	Feb. 2020		Unemployment R	ate, Percent
Labor Participation	Labor Force	Unemployed	Feb. 2020	Feb. 2019
Texas	14,200,100	492,500	3.5	3.6
United States	164,546,000	5,787,000	3.5	3.8

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

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

	·	February	February		
Rank	Industry	2020	2019	Change	%Change
1	Construction	799,200	763,500	35,700	4.68
2	Transportation, Warehousing, Utilities	597,400	572,800	24,600	4.29
3	Professional and Business Services	1,844,800	1,774,400	70,400	3.97
4	Other Services	460,200	442,800	17,400	3.93
5	Leisure and Hospitality	1,429,100	1,383,900	45,200	3.27
6	Education and Health Services	1,779,400	1,724,200	55,200	3.20
7	Financial Activities	812,300	792,100	20,200	2.55
8	Government	1,986,400	1,958,900	27,500	1.40
9	Information	209,900	207,300	2,600	1.25
10	Manufacturing	913,500	902,400	11,100	1.23
11	Trade	1,951,800	1,931,500	20,300	1.05
12	Mining and Logging	240,300	256,000	-15,700	-6.13

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

		February	February
		2020	2019
Rank	Industry	Percent	Percent
1	Government	15.25	15.41
2	Trade	14.99	15.20
3	Professional and Business Services	14.16	13.96
4	Education and Health Services	13.66	13.57
5	Leisure and Hospitality	10.97	10.89
6	Manufacturing	7.01	7.10
7	Financial Activities	6.24	6.23
8	Construction	6.14	6.01
9	Transportation, Warehousing, Utilities	4.59	4.51
10	Other Services	3.53	3.48
11	Mining and Logging	1.85	2.01
12	Information	1.61	1.63
	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

		February	February
		2020	2019
Rank	Industry	Percent	Percent
1	Professional and Business Services	0.5539	0.4907
2	Education and Health Services	0.4343	0.3341
3	Leisure and Hospitality	0.3556	0.3430
4	Construction	0.2809	0.2873
5	Government	0.2164	0.1057
6	Transportation, Warehousing, Utilities	0.1936	0.1630
7	Trade	0.1597	0.1154
8	Financial Activities	0.1589	0.1606
9	Other Services	0.1369	0.1106
10	Manufacturing	0.0873	0.2768
11	Information	0.0205	0.0242
12	Mining and Logging	-0.1235	0.1614
	Total	2.4745	2.5728

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 February 2019 to February 2020

Rank	Metropolitan Area	Employment Growth Rate, %
1	Austin-Round Rock	3.4
1	Dallas-Plano-Irving	3.4
3	College Station-Bryan	2.9
3	Fort Worth-Arlington	2.9
5	Abilene	2.8
6	Houston-The Woodlands-Sugar Land	2.5
6	McAllen-Edinburg-Mission	2.5
	Texas	2.5
8	San Antonio-New Braunfels	2.4
9	Killeen-Temple-Fort Hood	2.3
10	El Paso	2.1
11	Amarillo	2.0
12	Brownsville-Harlingen	1.9
13	Texarkana	1.8
13	Midland	1.8
15	Laredo	1.7
16	Waco	1.6
17	Wichita Falls	1.0
18	Lubbock	0.8
19	Beaumont-Port Arthur	0.6
19	Corpus Christi	0.6
19	Tyler	0.6
22	Sherman-Denison	0.2
23	San Angelo	-0.2
24	Longview	-0.5
25	Victoria	-1.0
26	Odessa	-2.2
	Micropolitan Texas	1.4



Table 6
Texas Metropolitan and Micropolitan Shares of Total Texas Jobs

Rank Metropolitan Area Percent 1 Houston-The Woodlands-Sugar Land 24.7115 2 Dallas-Plano-Irving 21.1259 3 Austin-Round Rock 8.7582 4 Fort Worth-Arlington 8.5532 5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8223	2019 Percent 24.7061 20.9295 8.6760 8.5194 8.4203 2.5343 2.1125 1.5193 1.2982
1 Houston-The Woodlands-Sugar Land 24.7115 2 Dallas-Plano-Irving 21.1259 3 Austin-Round Rock 8.7582 4 Fort Worth-Arlington 8.5532 5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	24.7061 20.9295 8.6760 8.5194 8.4203 2.5343 2.1125 1.5193
2 Dallas-Plano-Irving 21.1259 3 Austin-Round Rock 8.7582 4 Fort Worth-Arlington 8.5532 5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	20.9295 8.6760 8.5194 8.4203 2.5343 2.1125 1.5193
3 Austin-Round Rock 8.7582 4 Fort Worth-Arlington 8.5532 5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	8.6760 8.5194 8.4203 2.5343 2.1125 1.5193
4 Fort Worth-Arlington 8.5532 5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	8.5194 8.4203 2.5343 2.1125 1.5193
5 San Antonio-New Braunfels 8.4112 6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	8.4203 2.5343 2.1125 1.5193
6 El Paso 2.5245 7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	2.5343 2.1125 1.5193
7 McAllen-Edinburg-Mission 2.1122 8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	2.1125 1.5193
8 Corpus Christi 1.4911 9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	1.5193
9 Beaumont-Port Arthur 1.2745 10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	
10 Lubbock 1.1601 11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	1.2982
11 Killeen-Temple-Fort Hood 1.1348 12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	
12 Brownsville-Harlingen 1.1233 13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	1.1794
13 College Station-Bryan 0.9674 14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	1.1369
14 Waco 0.9544 15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	1.1298
15 Amarillo 0.9405 16 Midland 0.8899 17 Laredo 0.8377	0.9630
16 Midland 0.8899 17 Laredo 0.8377	0.9622
17 Laredo 0.8377	0.9449
	0.8962
18 Tyler 0.8223	0.8442
	0.8379
19 Longview 0.7609	0.7836
20 Odessa 0.6342	0.6648
21 Abilene 0.5636	0.5618
22 Texarkana 0.4714	0.4744
23 Wichita Falls 0.4614	0.4681
24 San Angelo 0.3847	0.3950
25 Sherman-Denison 0.3731	0.3816
26 Victoria 0.3179	0.3289
Micropolitan Texas 8.2400	8.3314
Total 100.0000	100.0000

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

		February	February
Rank	Metropolitan Area	2020	2019
1	Dallas-Plano-Irving	0.7191	0.5052
2	Houston-The Woodlands-Sugar Land	0.6168	0.6844
3	Austin-Round Rock	0.2990	0.3551
4	Fort Worth-Arlington	0.2455	0.2510
5	San Antonio-New Braunfels	0.1991	0.1646
6	El Paso	0.0527	0.0525
7	McAllen-Edinburg-Mission	0.0519	0.0492
8	College Station-Bryan	0.0283	0.0355
9	Killeen-Temple-Fort Hood	0.0260	0.0129
10	Brownsville-Harlingen	0.0212	0.0153
11	Amarillo	0.0189	0.0024
12	Midland	0.0157	0.0799
12	Abilene	0.0157	0.0153
12	Waco	0.0157	0.0202
15	Laredo	0.0142	0.0234
16	Lubbock	0.0094	0.0210
17	Corpus Christi	0.0087	0.0016
17	Texarkana	0.0087	0.0089
19	Beaumont-Port Arthur	0.0079	0.0113
20	Tyler	0.0047	0.0129
20	Wichita Falls	0.0047	0.0016
22	Sherman-Denison	0.0008	0.0097
23	San Angelo	-0.0008	0.0065
24	Victoria	-0.0031	0.0040
25	Longview	-0.0039	0.0226
26	Odessa	-0.0149	0.0525
	Micropolitan Texas	0.1125	0.1533
	Total	2.4745	2.5728

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



Table 8
Texas Metropolitan Areas Ranked by Unemployment Rate, February 2020

Rank Metropolitan Area	Unemployment Rate,%
1 Midland	2.3
2 Amarillo	2.6
2 Austin-Round Rock	2.6
4 College Station-Bryan	2.7
5 Lubbock	2.8
6 Abilene	3.0
6 San Angelo	3.0
8 San Antonio-New Braunfels	3.1
8 Wichita Falls	3.1
10 Dallas-Plano-Irving	3.2
10 Fort Worth-Arlington	3.2
10 Sherman-Denison	3.2
13 Odessa	3.3
13 Waco	3.3
15 Tyler	3.5
Texas	3.6
16 Killeen-Temple-Fort Hood	3.7
17 El Paso	3.8
17 Victoria	3.8
19 Houston-The Woodlands-Sugar Land	3.9
19 Laredo	3.9
21 Longview	4.1
22 Texarkana	4.3
23 Corpus Christi	4.4
24 Beaumont-Port Arthur	5.5
25 Brownsville-Harlingen	5.8
26 McAllen-Edinburg-Mission	6.7

Table 9
Employment Growth Rates by Industry in Largest Texas Metropolitan Areas
Annual Growth Rates from February 2019 to February 2020, Percent

Largest Texas Metropolitan Areas Fort Worth Houston Dallas San Antonio Austin El Paso Industry: Mining and Construction 1.30 8.24 4.27 2.36 7.99 6.02 4.94 Manufacturing -1.19 1.90 -0.98 3.06 -0.59 Trade, Transportation and Utilities 1.31 2.19 2.56 1.81 3.46 0.74 Information 2.19 1.97 -2.45 0.00 5.68 4.35 Financial Activities 1.82 4.66 0.32 3.53 5.28 3.05 Professional and Business Services 2.90 4.55 1.49 4.71 3.33 3.56 **Education and Health Services** 4.05 3.01 3.55 5.21 2.11 3.60 3.74 4.42 6.42 5.26 4.18 Leisure and Hospitality 1.07 Other Services 4.80 3.32 2.06 6.22 6.05 3.37 0.79 Government 1.74 2.76 1.32 0.11 0.82

Figure 1
Nonfarm Employment Growth Rates for Texas and United States

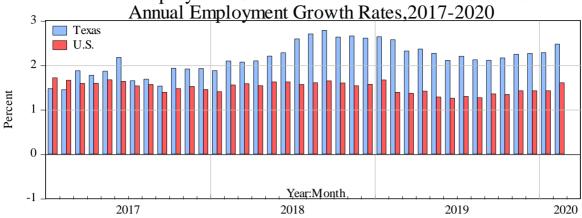
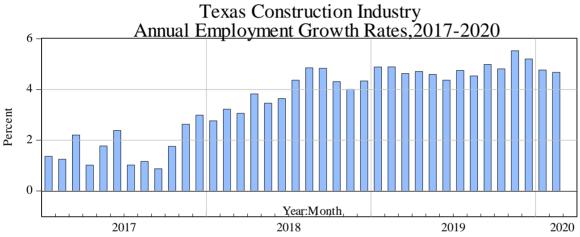


Figure 2



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

Figure 3
Texas Transportation, Warehousing, and Utilities Industry

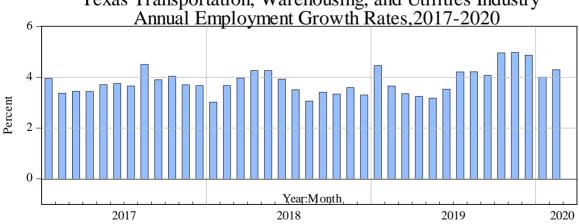




Figure 4
Texas Professional and Business Services Industry
Appeal Employment Growth Pages 2017, 2020

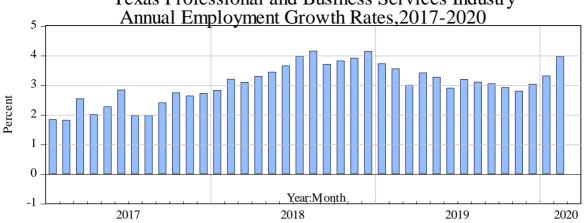
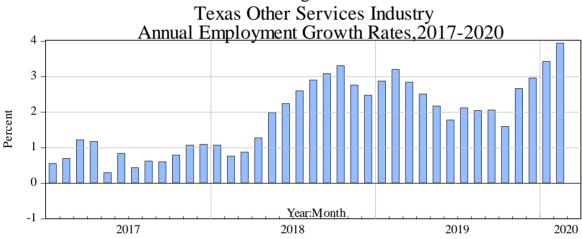


Figure 5



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

Figure 6

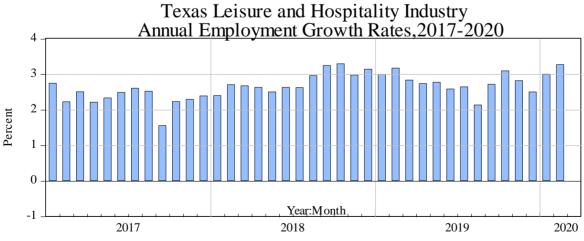




Figure 7 Texas Education and Health Services Industry Annual Employment Growth Rates, 2017-2020

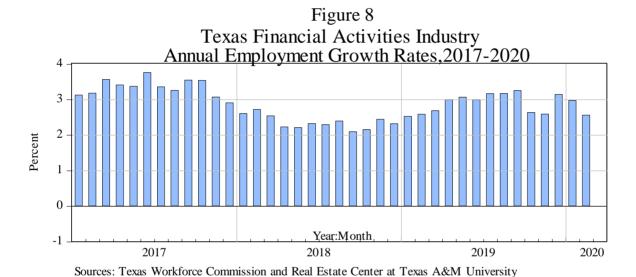
Year:Month

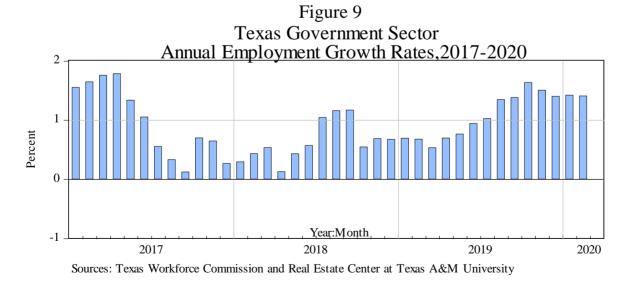
2019

2020

2018

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





3

2

2017

Percent

Texas Information Industry
Annual Employment Growth Rates, 2017-2020

Year: Month

2018

2019

2020

2017

Figure 11
Texas Manufacturing Industry
Annual Employment Growth Rates, 2017-2020

4
2
1
2017
2018
2019
2020

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

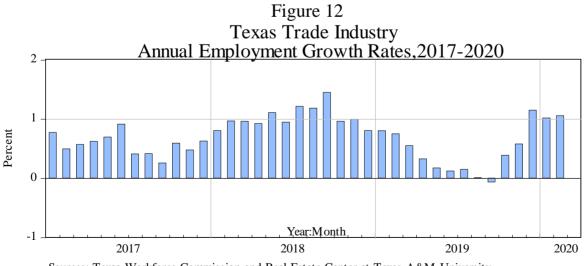




Figure 13

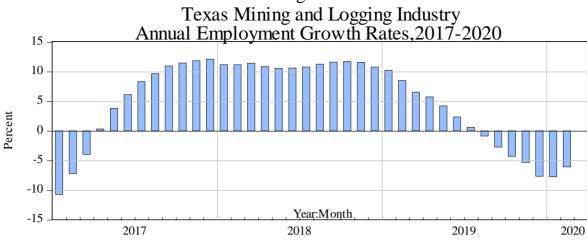
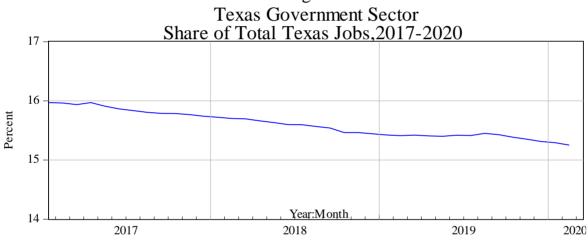


Figure 14



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,2017-2020

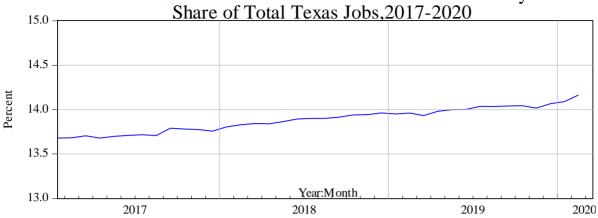


Figure 17
Texas Education and Health Services Industry
Share of Total Toyon John 2017, 2020



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,2017-2020

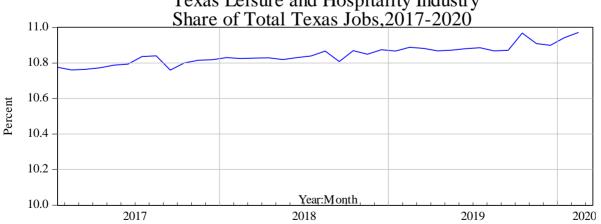




Figure 19

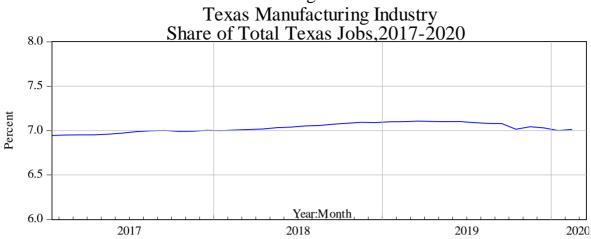
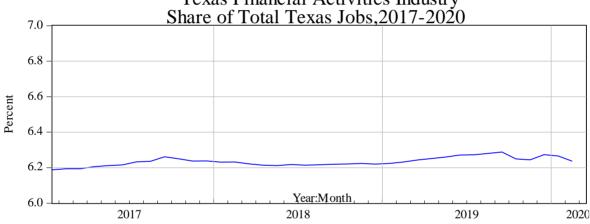


Figure 20 Texas Financial Activities Industry Share of Total Texas Jobs,2017-2020



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,2017-2020

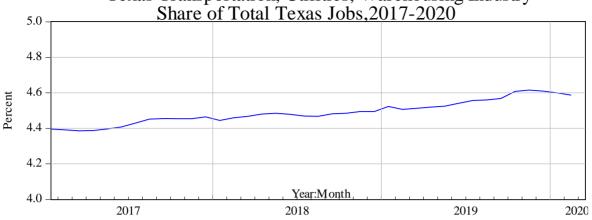
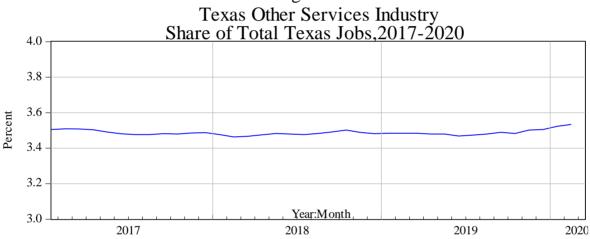


Figure 23



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

Figure 24

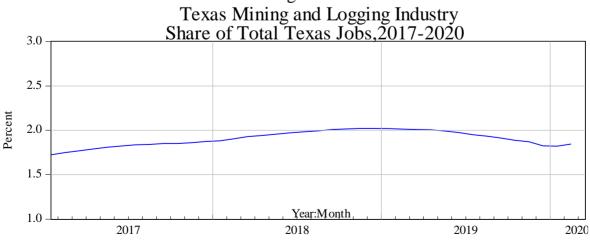




Figure 25
Texas Information Industry

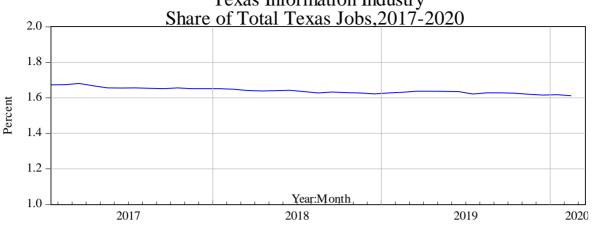
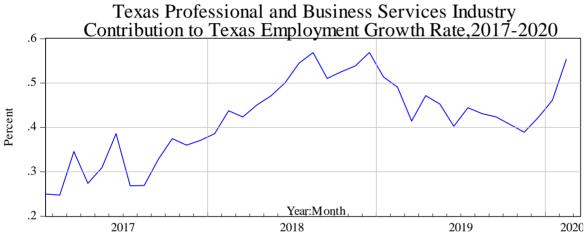


Figure 26



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

Figure 27
Texas Education and Health Services Indu

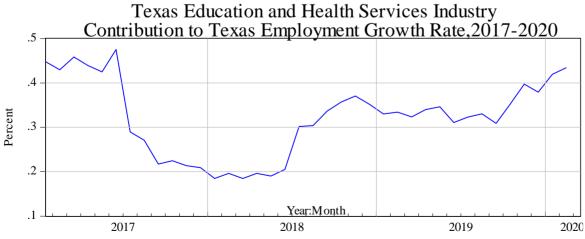




Figure 28



Figure 29



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

Figure 30

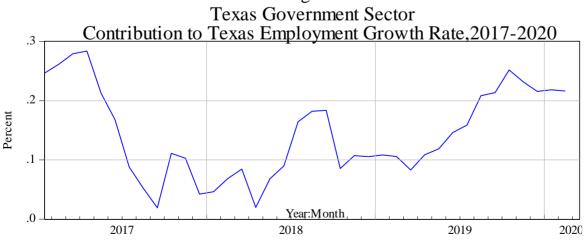




Figure 31

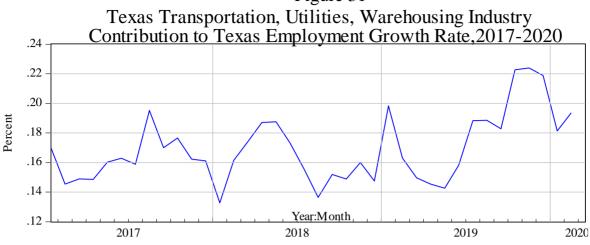
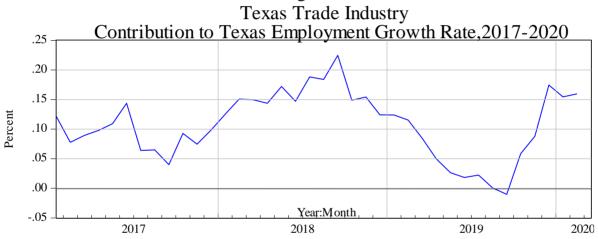


Figure 32



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

Figure 33

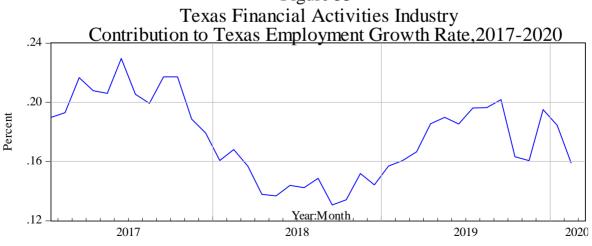




Figure 34

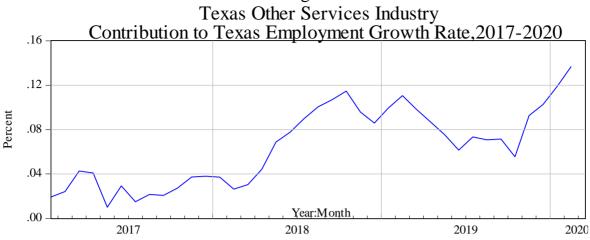
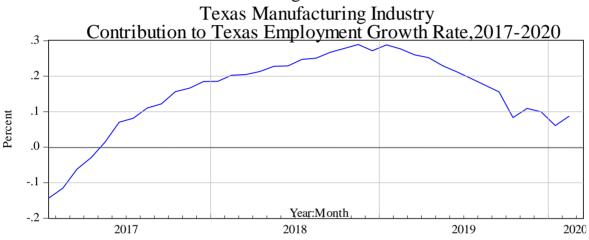


Figure 35



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

Figure 36

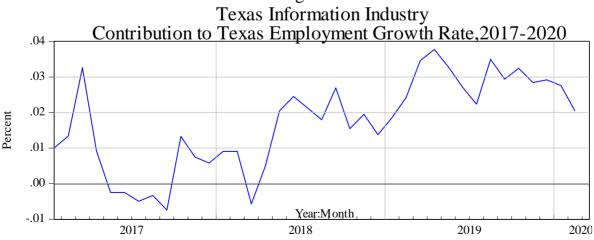




Figure 37

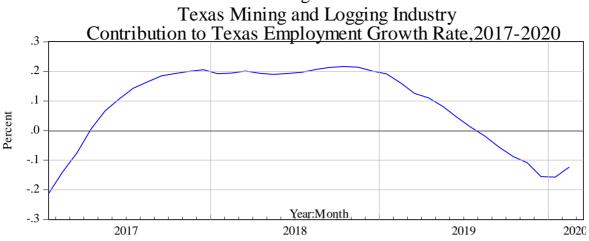
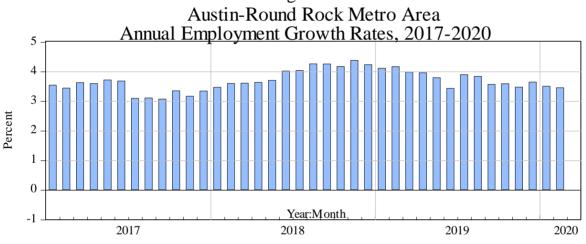


Figure 38



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

Figure 39

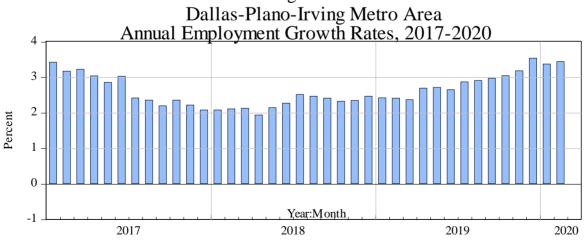




Figure 40

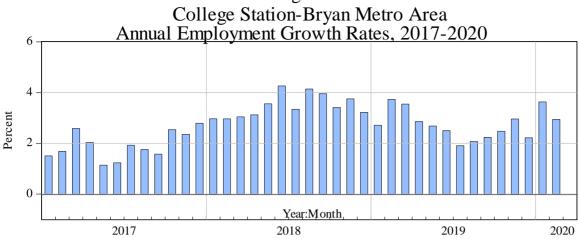
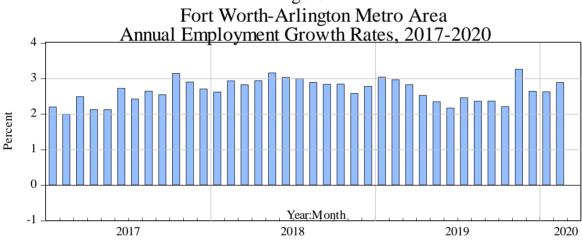


Figure 41



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

Figure 42

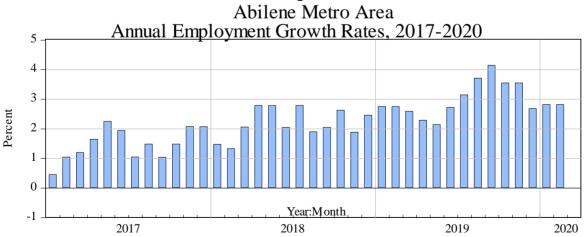




Figure 43
Houston-The Woodlands-Sugar Land Metro Area
Annual Employment Growth Rates 2017-2020

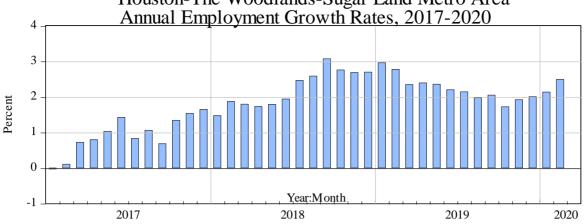
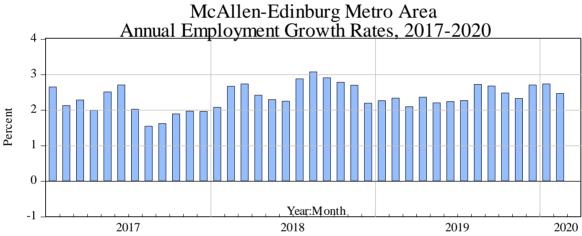


Figure 44



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

Figure 45 San Antonio-New Braunfels Metro Area

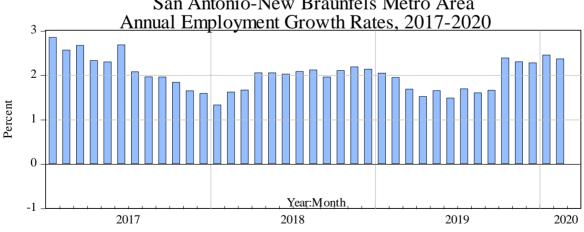


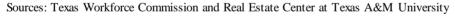


Figure 46
Killeen-Temple Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month
2017
2018
2019
2020

Figure 47
El Paso Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month
2017
2019
2020



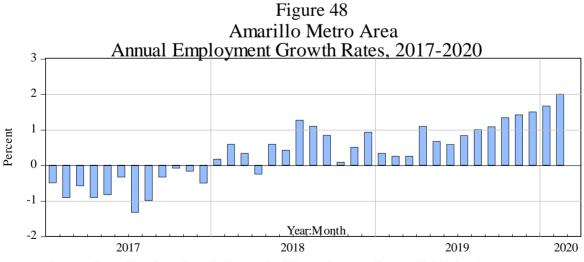




Figure 49
Brownsville-Harlingen Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month

2019

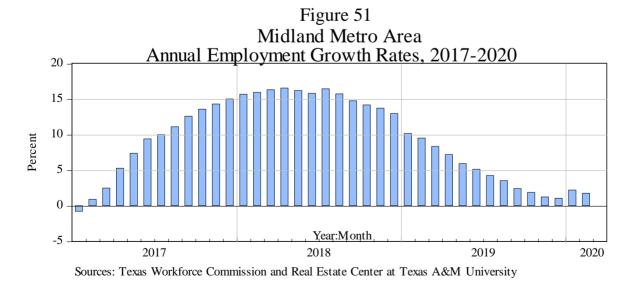
2020

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

2018

Figure 50
Texarkana Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month
2017
2018
2019
2020
Sources: Texas Workforce Commission and Real Estate Center at Texas A&M University



3

2

2017

Percent

Figure 52 Laredo Metro Area

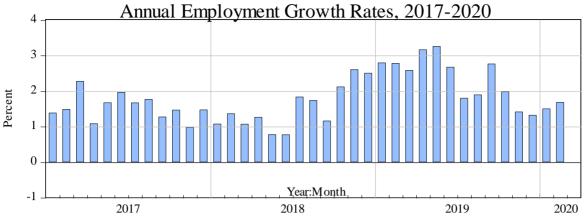
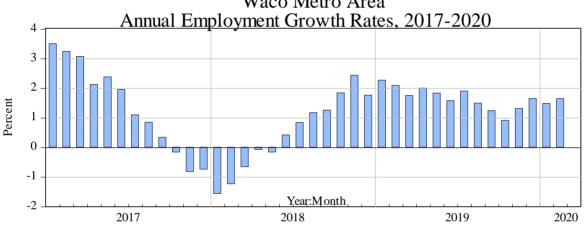


Figure 53 Waco Metro Area



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

Figure 54 Wichita Falls Metro Area Annual Employment Growth Rates, 2017-2020 3 2 Percent Year:Month 2017 2018 2019 2020



Figure 55
Lubbock Metro Area

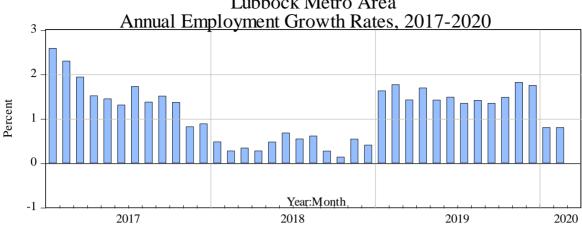
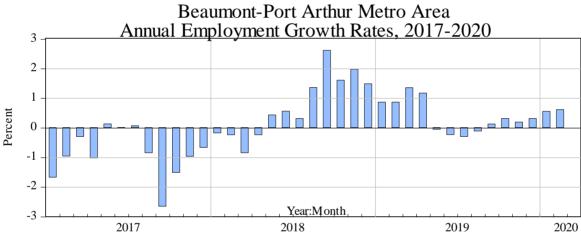


Figure 56



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

Figure 57
Corpus Christi Metro Area
Annual Employment Growth Rates, 2017-2020



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

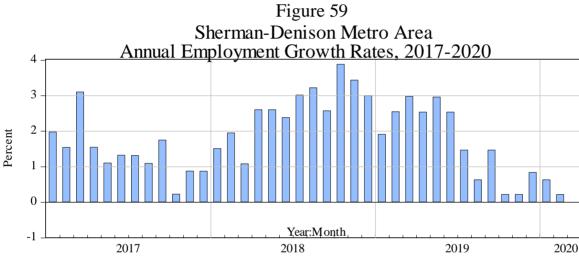


2

1

Figure 58
Tyler Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month
2017
2018
2019
2020



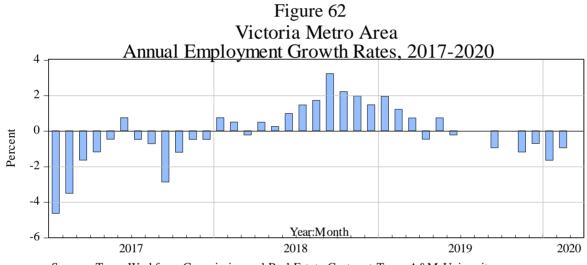
Sources: Texas Workforce Commission and Real Estate Center at Texas A&M University





Figure 61
Longview Metro Area
Annual Employment Growth Rates, 2017-2020

Year:Month
2017
2018
2019
2020



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

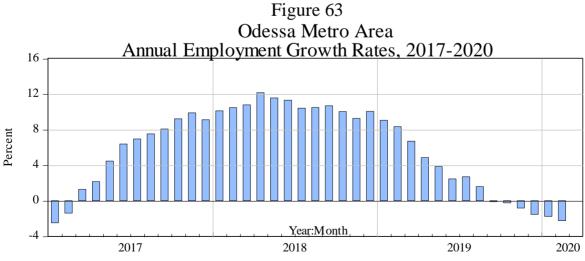
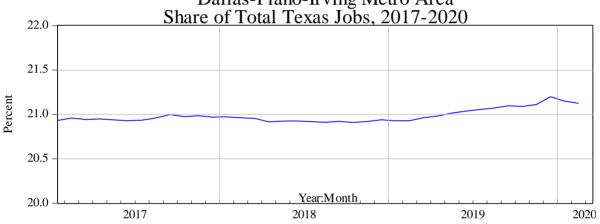




Figure 64
Houston-The Woodlands-Sugar Land Metro Area
Share of Total Texas Jobs, 2017-2020



Figure 65
Dallas-Plano-Irving Metro Area



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

Figure 66
Austin-Round Rock Metro Area
Share of Total Taxas John 2017, 20

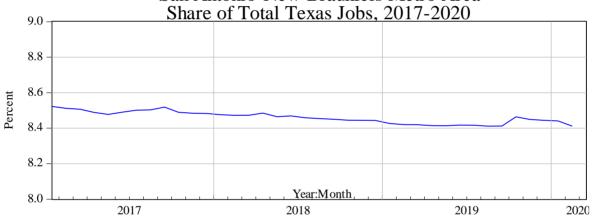




Figure 67
Fort Worth-Arlington Metro Area
Share of Total Texas Jobs, 2017-2020



Figure 68
San Antonio-New Braunfels Metro Area
Share of Total Texas Jobs 2017-2020



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

Figure 69 El Paso Metro Area

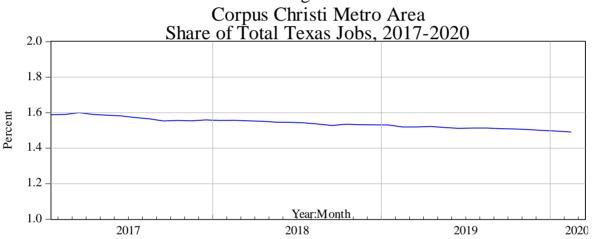




Figure 70 McAllen-Edinburg-Mission Metro Area Share of Total Texas Jobs, 2017-2020



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

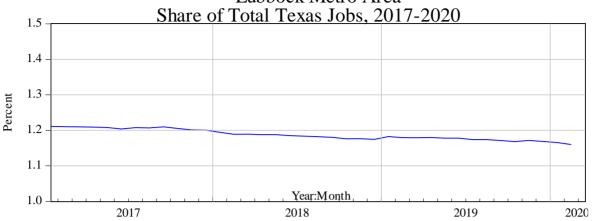
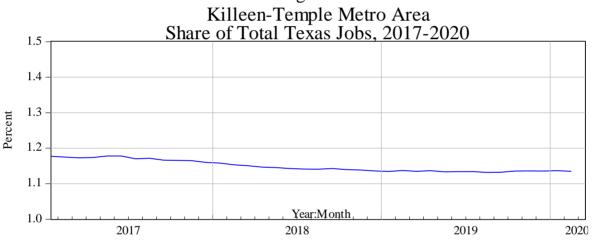


Figure 74



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

Figure 75 Brownsville-Harlingen Metro Area Share of Total Texas Jobs, 2017-2020

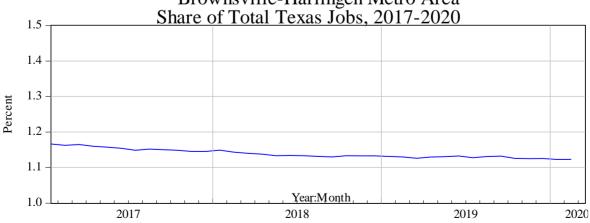




Figure 76

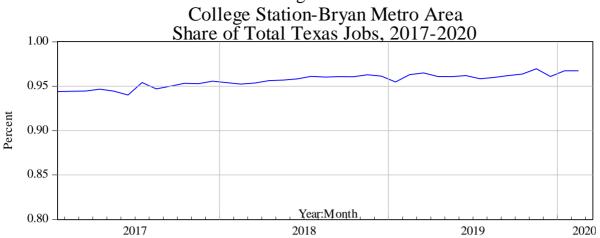
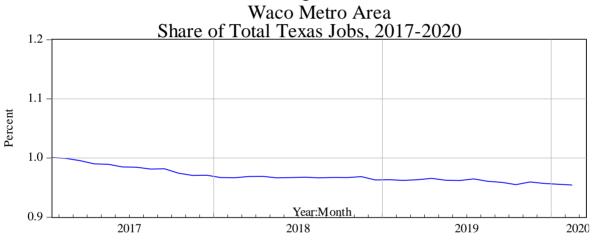


Figure 77



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

Figure 78 Amarillo Metro Area





Figure 79 Midland Metro Area

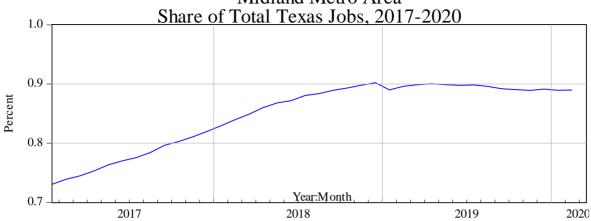
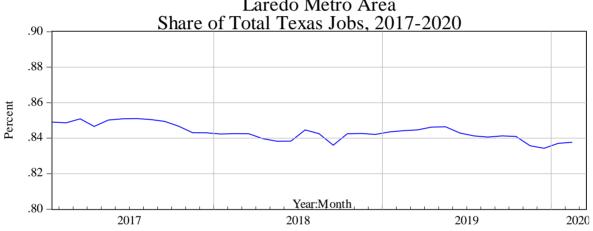


Figure 80 Laredo Metro Area



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

Figure 81

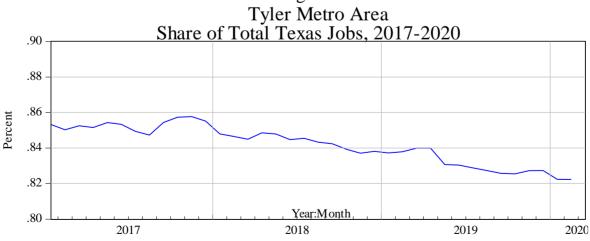




Figure 82

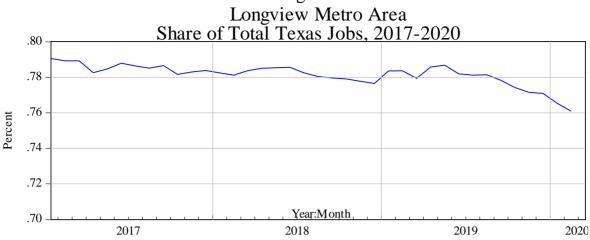
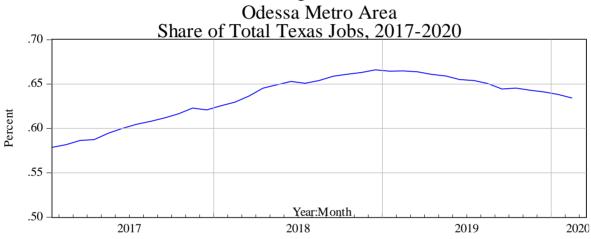


Figure 83



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

Figure 84 Abilene Metro Area

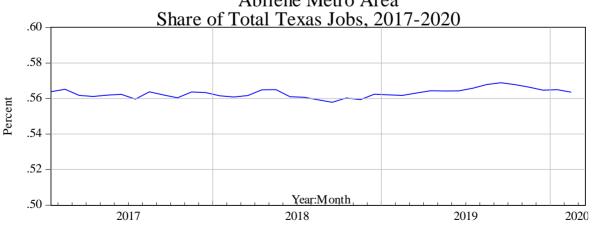




Figure 85 Texarkana Metro Area



Figure 86 Wichita Falls Metro Area



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

Figure 87

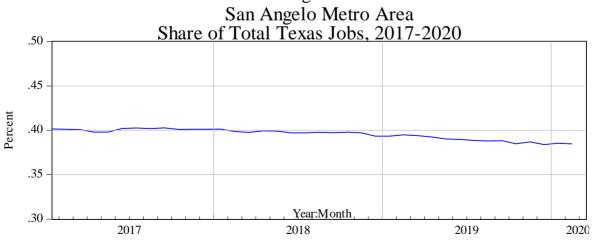
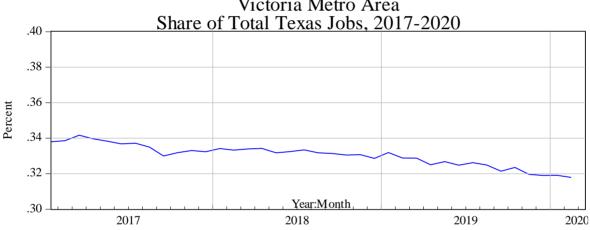




Figure 88
Sherman-Denison Metro Area



Figure 89 Victoria Metro Area



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

Figure 90 Dallas-Plano-Irving Metro Area





Figure 91

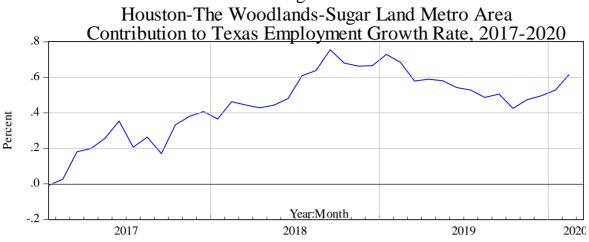
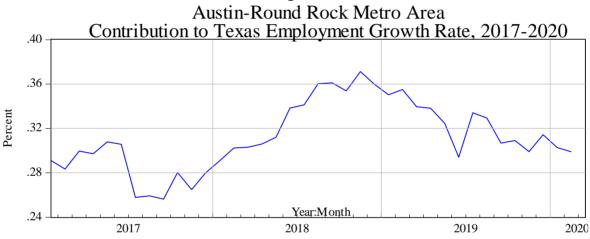


Figure 92



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

Figure 93

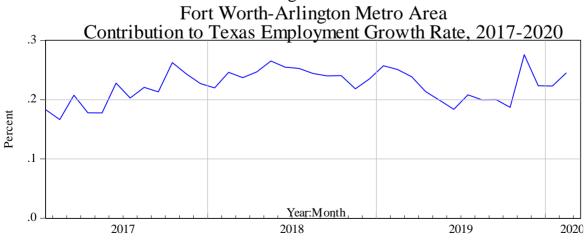




Figure 94

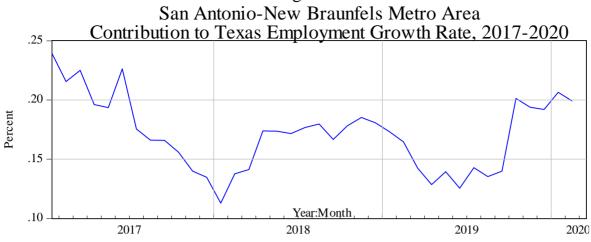
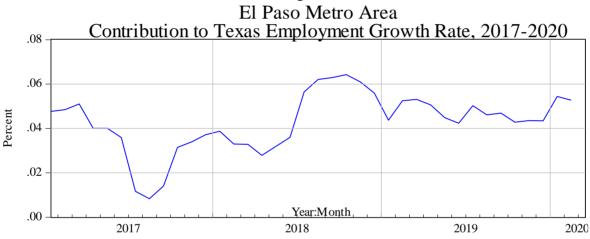


Figure 95



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

Figure 96

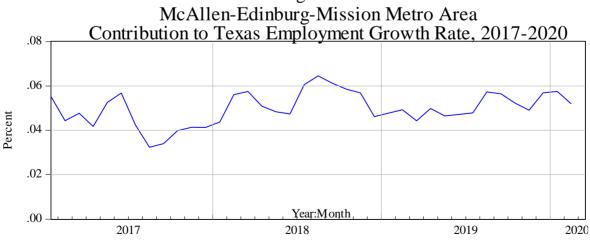




Figure 97

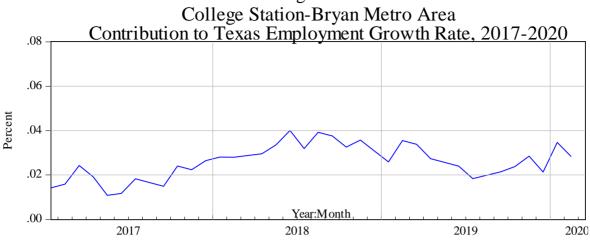
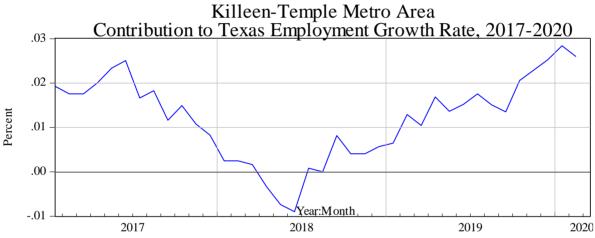
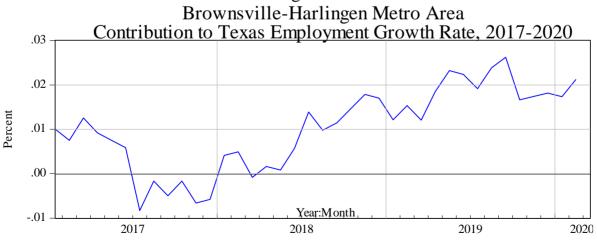


Figure 98



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

Figure 99





Amarillo Metro Area
Contribution to Texas Employment Growth Rate, 2017-2020

-.01

Year:Month

2019

2020

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

2018

Figure 101
Midland Metro Area
Contribution to Texas Employment Growth Rate, 2017-2020

.12
.08
.04
.04
.00
Year:Month
2017
2018
2019
2020

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

Figure 102 Abilene Metro Area Contribution to Texas Employment Growth Rate, 2017-2020 .025 .020 Percent .015 .010 .005 Year:Month .000 2017 2018 2019 2020 Sources: Texas Workforce Commission and Real Estate Center at Texas A&M University

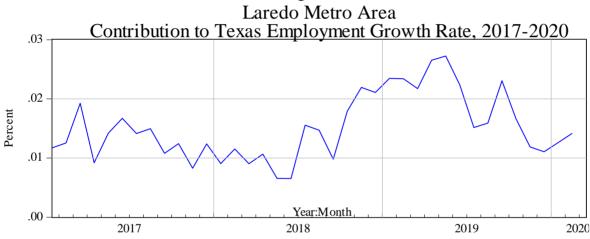
-.02

2017

Figure 103 Waco Metro Area



Figure 104



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

Figure 105

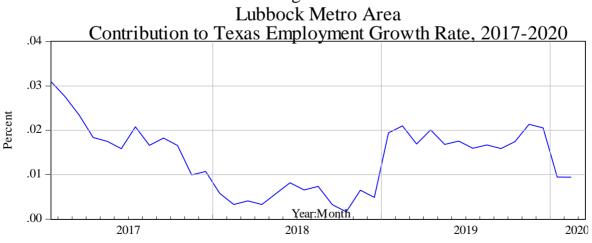




Figure 106 Corpus Christi Metro Area Contribution to Texas Employment Growth Rate, 2017-2020 .03 .02 .01 Percent .00 -.01 -.02 Year:Month -.03 2017 2018 2019 2020

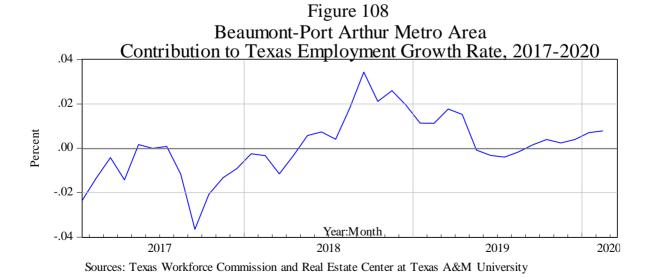




Figure 109

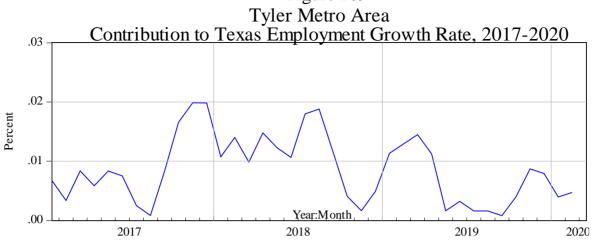
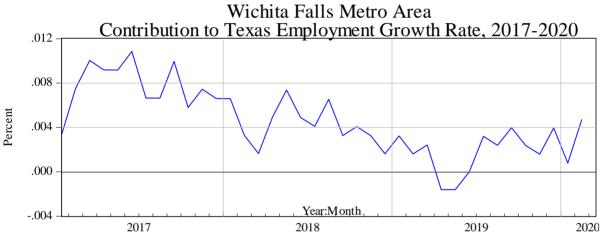
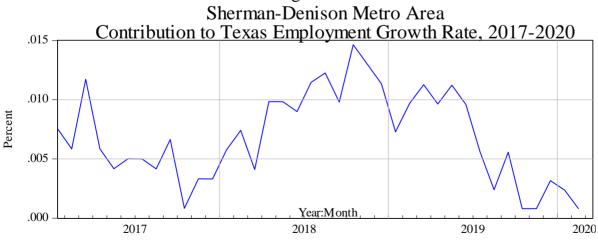


Figure 110



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

Figure 111





San Angelo Metro Area
Contribution to Texas Employment Growth Rate, 2017-2020

.008
.004
.004
.004
.004
.008

2018

2019

2020

2017

Figure 113
Victoria Metro Area
Contribution to Texas Employment Growth Rate, 2017-2020

Only Sear: Month
Contribution to Texas Employment Growth Rate, 2017-2020

Only Sear: Month
Contribution to Texas Employment Growth Rate, 2017-2020

Only Sear: Month
Contribution to Texas Employment Growth Rate, 2017-2020

Longview Metro Area

Contribution to Texas Employment Growth Rate, 2017-2020

Output



MAYS BUSINESS SCHOOL

Texas A&M University 2115 TAMU College Station, TX 77843-2115 http://recenter.tamu.edu 979-845-2031

DIRECTOR

GARY W. MALER

ADVISORY COMMITTEE

ALVIN COLLINS, CHAIRMAN JJ CLEMENCE, VICE CHAIRMAN

Andrews Sugar Land

TROY ALLEY, JR. TED NELSON

DeSoto Houston

RUSSELL CAIN DOUG ROBERTS
Port Lavaca Austin

DOUG JENNINGS C. CLARK WELDER

Fort Worth Fredericksburg

BESA MARTIN JAN FITE-MILLER, EX-OFFICIO

Boerne Dallas









