

Economic Overview

Port Arthur Region



JOBS **e Q**

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Demographic Profile

The population in the Port Arthur Region was 55,155 per American Community Survey data for 2013-2017.

The region has a civilian labor force of 21,949 with a participation rate of 53.6%. Of individuals 25 to 64 in the Port Arthur Region, 11.2% have a bachelor's degree or higher which compares with 32.3% in the nation.

The median household income in the Port Arthur Region is \$32,656 and the median house value is \$64,301.

Summary¹

	Percent			Value		
	Port Arthur Region	Texas	USA	Port Arthur Region	Texas	USA
Demographics						
Population (ACS)	—	—	—	55,155	27,419,612	321,004,407
Male	48.3%	49.7%	49.2%	26,638	13,616,977	158,018,753
Female	51.7%	50.3%	50.8%	28,517	13,802,635	162,985,654
Median Age ²	—	—	—	33.8	34.3	37.8
Under 18 Years	28.2%	26.3%	22.9%	15,561	7,213,117	73,601,279
18 to 24 Years	9.1%	10.0%	9.7%	5,034	2,752,064	31,131,484
25 to 34 Years	14.9%	14.6%	13.7%	8,235	4,002,129	44,044,173
35 to 44 Years	11.7%	13.5%	12.7%	6,439	3,705,119	40,656,419
45 to 54 Years	12.0%	12.7%	13.4%	6,594	3,494,999	43,091,143
55 to 64 Years	12.1%	11.1%	12.7%	6,676	3,036,278	40,747,520
65 to 74 Years	6.6%	7.0%	8.6%	3,632	1,915,612	27,503,389
75 Years, and Over	5.4%	4.7%	6.3%	2,984	1,300,294	20,229,000
Race: White	49.8%	74.6%	73.0%	27,483	20,459,525	234,370,202
Race: Black or African American	39.1%	12.0%	12.7%	21,542	3,286,950	40,610,815
Race: American Indian and Alaska Native	0.6%	0.5%	0.8%	313	130,360	2,632,102
Race: Asian	6.5%	4.5%	5.4%	3,581	1,236,852	17,186,320
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%	11	23,531	570,116
Race: Some Other Race	2.2%	5.8%	4.8%	1,230	1,580,393	15,553,808
Race: Two or More Races	1.8%	2.6%	3.1%	995	702,001	10,081,044
Hispanic or Latino (of any race)	31.4%	38.9%	17.6%	17,314	10,673,909	56,510,571
Economic						
Labor Force Participation Rate and Size (civilian population 16 years and over)	53.6%	64.4%	63.3%	21,949	13,473,957	161,159,470
Armed Forces Labor Force	0.1%	0.4%	0.4%	35	91,081	1,024,855
Veterans, Age 18-64	4.4%	5.2%	4.9%	1,446	872,423	9,667,749
Veterans Labor Force Participation Rate and Size, Age 18-64	61.8%	77.6%	75.8%	894	677,079	7,326,514
Median Household Income ²	—	—	—	\$32,656	\$57,051	\$57,652
Per Capita Income	—	—	—	\$18,477	\$28,985	\$31,177
Poverty Level (of all people)	30.7%	16.0%	14.6%	16,646	4,291,384	45,650,345
Households Receiving Food Stamps	23.0%	12.7%	12.6%	4,686	1,196,016	15,029,498
Mean Commute Time (minutes)	—	—	—	22.7	26.1	26.4
Commute via Public Transportation	0.9%	1.5%	5.1%	169	187,311	7,607,907
Educational Attainment, Age 25-64						
No High School Diploma	25.5%	16.1%	11.4%	7,113	2,287,734	19,230,541
High School Graduate	35.9%	24.7%	26.0%	10,045	3,517,552	43,784,920
Some College, No Degree	20.0%	22.4%	21.2%	5,597	3,183,316	35,803,629

Summary¹

	Percent			Value		
	Port Arthur Region	Texas	USA	Port Arthur Region	Texas	USA
Associate's Degree	7.4%	7.4%	9.0%	2,067	1,051,162	15,199,517
Bachelor's Degree	8.2%	19.7%	20.5%	2,292	2,808,143	34,602,913
Postgraduate Degree	3.0%	9.8%	11.8%	830	1,390,618	19,917,735
Housing						
Total Housing Units	—	—	—	24,476	10,611,386	135,393,564
Median House Value (of owner-occupied units) ²	—	—	—	\$64,301	\$151,500	\$193,500
Homeowner Vacancy	2.3%	1.6%	1.7%	268	94,134	1,346,331
Rental Vacancy	7.9%	7.6%	6.1%	776	300,975	2,838,344
Renter-Occupied Housing Units (% of Occupied Units)	43.8%	38.0%	36.2%	8,918	3,579,373	42,992,786
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	12.0%	5.5%	8.8%	2,442	517,945	10,468,418
Social						
Enrolled in Grade 12 (% of total population)	1.3%	1.5%	1.4%	734	398,124	4,437,324
Disconnected Youth ⁴	5.8%	3.0%	2.7%	166	47,251	456,548
Children in Single Parent Families (% of all children)	44.6%	34.9%	34.5%	6,416	2,396,094	24,106,567
With a Disability, Age 18-64	12.3%	9.7%	10.3%	4,054	1,613,122	20,276,199
With a Disability, Age 18-64, Labor Force Participation Rate and Size	27.9%	44.4%	41.4%	1,131	716,525	8,395,884
Foreign Born	21.9%	16.9%	13.4%	12,086	4,622,395	43,028,127
Speak English Less Than Very Well (population 5 yrs and over)	16.5%	14.1%	8.5%	8,345	3,576,480	25,654,421
Union Membership						
Total ³	6.7%	4.3%	10.7%	—	—	—
Private Sector ³	3.7%	2.3%	6.4%	—	—	—
Manufacturing ³	3.6%	3.5%	8.7%	—	—	—
Public Sector ³	26.1%	15.5%	35.1%	—	—	—

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

1. American Community Survey 2013-2017, unless noted otherwise

2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

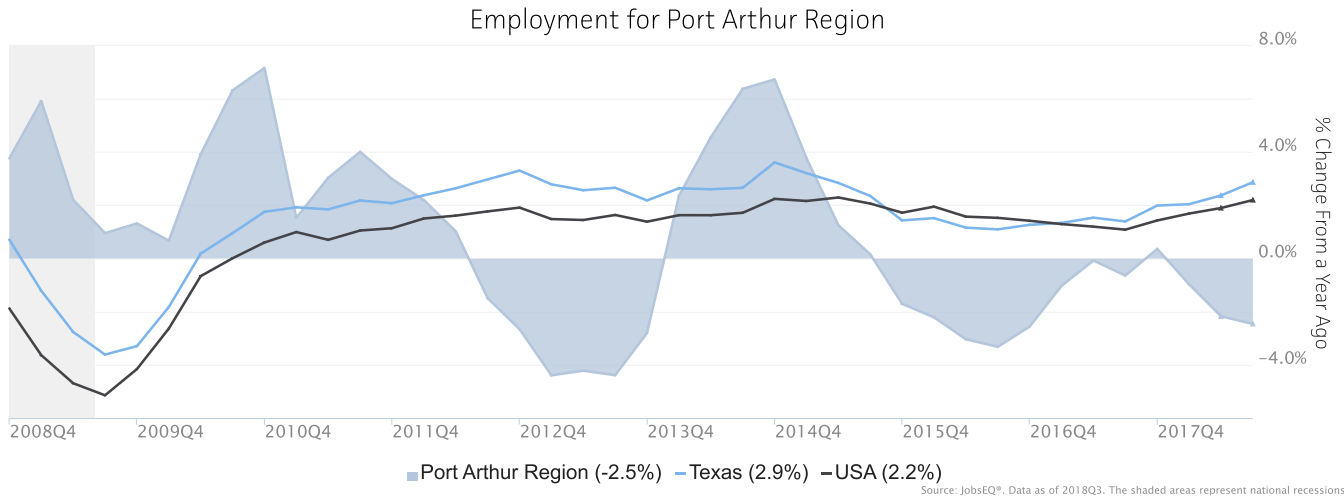
3. 2017; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

4. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

5. Census 2017, annual average growth rate since 2007

Employment Trends

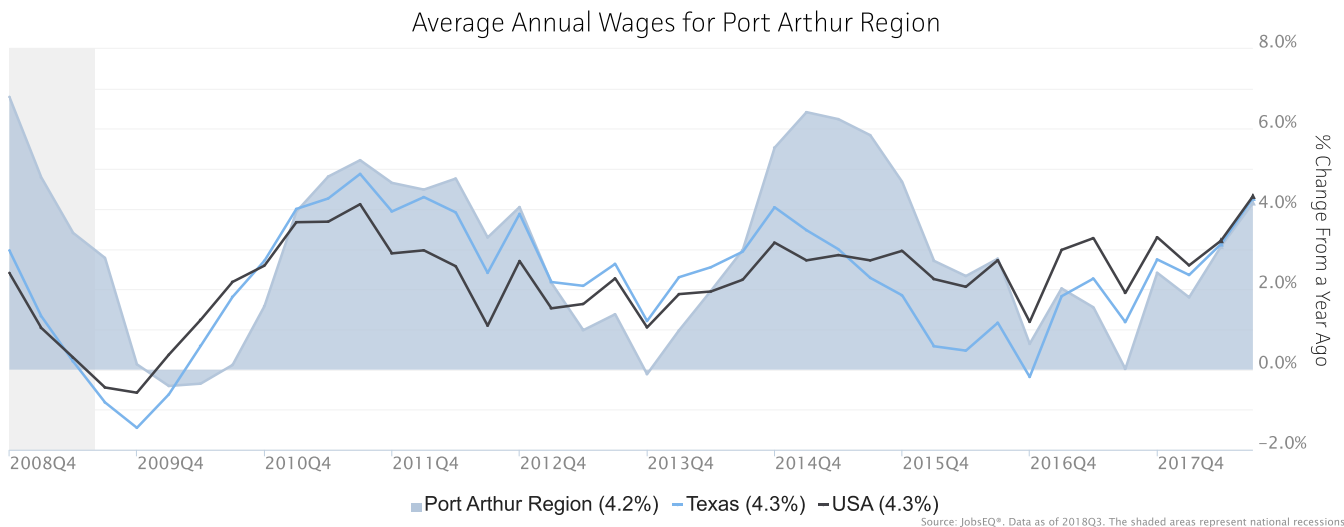
As of 2018Q3, total employment for the Port Arthur Region was 24,102 (based on a four-quarter moving average). Over the year ending 2018Q3, employment declined 2.5% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q1 with preliminary estimates updated to 2018Q3.

Wage Trends

The average worker in the Port Arthur Region earned annual wages of \$57,088 as of 2018Q3. Average annual wages per worker increased 4.2% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$55,994 in the nation as of 2018Q3.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q1 with preliminary estimates updated to 2018Q3.

Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 5.4% lower in Port Arthur Region than the U.S. average.

Cost of Living Information

	Annual Average Salary	Cost of Living Index	
		(Base US)	US Purchasing Power
Port Arthur Region	\$57,088	94.6	\$60,332
Texas	\$56,053	94.3	\$59,419
USA	\$55,994	100.0	\$55,994

Source: [JobsEQ®](#)

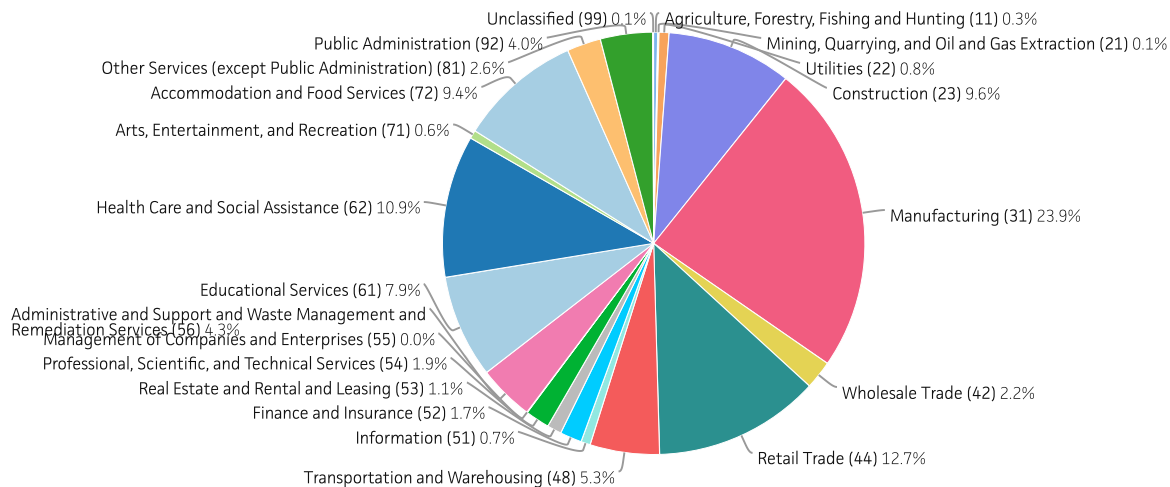
Data as of 2018Q3

Cost of Living per C2ER, data as of 2018q3, imputed by Chmura where necessary.

Industry Snapshot

The largest sector in the Port Arthur Region is Manufacturing, employing 5,751 workers. The next-largest sectors in the region are Retail Trade (3,071 workers) and Health Care and Social Assistance (2,624). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Manufacturing (LQ = 2.90), Construction (1.69), and Utilities (1.45).

Total Workers for Port Arthur Region by Industry



Source: JobsEQ®, Data as of 2018Q3

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q1 with preliminary estimates updated to 2018Q3.

Sectors in the Port Arthur Region with the highest average wages per worker are Utilities (\$117,298), Manufacturing (\$114,190), and Management of Companies and Enterprises (\$92,559). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Administrative and Support and Waste Management and Remediation Services (+314 jobs), Accommodation and Food Services (+186), and Transportation and Warehousing (+155).

Over the next 1 year, employment in the Port Arthur Region is projected to contract by 18 jobs. The fastest growing sector in the region is expected to be Mining, Quarrying, and Oil and Gas Extraction with a +1.8% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Construction (+23 jobs), Health Care and Social Assistance (+23), and Educational Services (+4).

NAICS	Industry	Current			5-Year History		1-Year Forecast				
		Four Quarters Ending with 2018q3			Total Change	Avg Ann % Chg in Empl	Separations (Approximate)			---Growth---	
		Empl	Avg Ann Wages	LQ	Empl	Region	Total New Demand	Exits	Transfers	Empl	Avg Ann Rate
11	Agriculture, Forestry, Fishing and Hunting	77	\$24,880	0.23	-25	-5.5%	8	4	5	0	0.1%
21	Mining, Quarrying, and Oil and Gas Extraction	23	\$86,411	0.23	-24	-13.0%	3	1	2	0	1.8%
22	Utilities	182	\$117,298	1.45	25	3.0%	16	6	10	0	-0.2%
23	Construction	2,310	\$71,933	1.69	-698	-5.1%	250	82	146	23	1.0%
31	Manufacturing	5,751	\$114,190	2.90	-97	-0.3%	542	221	377	-56	-1.0%
42	Wholesale Trade	528	\$70,712	0.57	98	4.2%	54	21	35	-2	-0.3%
44	Retail Trade	3,071	\$33,316	1.20	32	0.2%	398	181	228	-11	-0.4%
48	Transportation and Warehousing	1,281	\$52,935	1.21	155	2.6%	130	58	78	-5	-0.4%
51	Information	174	\$49,907	0.37	-7	-0.7%	14	6	11	-3	-1.5%
52	Finance and Insurance	402	\$67,381	0.42	6	0.3%	37	15	23	-1	-0.2%
53	Real Estate and Rental and Leasing	263	\$46,672	0.64	6	0.5%	25	12	15	-1	-0.5%
54	Professional, Scientific, and Technical Services	449	\$74,534	0.28	-14	-0.6%	41	14	24	3	0.6%
55	Management of Companies and Enterprises	7	\$92,559	0.02	-20	-22.8%	1	0	0	0	0.0%
56	Administrative and Support and Waste Management and Remediation Services	1,032	\$35,820	0.66	314	7.5%	121	51	68	2	0.2%
61	Educational Services	1,903	\$42,546	0.96	-12	-0.1%	180	85	91	4	0.2%
62	Health Care and Social Assistance	2,624	\$44,104	0.76	64	0.5%	271	121	126	23	0.9%
71	Arts, Entertainment, and Recreation	152	\$18,545	0.32	-33	-3.8%	22	10	12	1	0.4%
72	Accommodation and Food Services	2,264	\$19,003	1.04	186	1.7%	369	162	204	3	0.1%
81	Other Services (except Public Administration)	625	\$35,993	0.59	10	0.3%	71	32	39	0	-0.1%
92	Public Administration	962	\$62,392	0.85	121	2.7%	85	38	51	-3	-0.3%
99	Unclassified	18	\$24,289	0.44	16	45.1%	2	1	1	0	0.2%
	Total - All Industries	24,102	\$57,088	1.00	104	0.1%	2,612	1,127	1,502	-18	-0.1%

Source: [JobsEQ®](#)

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2018Q1 with preliminary estimates updated to 2018Q3. Forecast employment growth uses national projections adapted for regional growth patterns.

Occupation Snapshot

The largest major occupation group in the Port Arthur Region is Production Occupations, employing 3,342 workers. The next-largest occupation groups in the region are Office and Administrative Support Occupations (3,028 workers) and Sales and Related Occupations (2,436). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Production Occupations (LQ = 2.28), Architecture and Engineering Occupations (1.80), and Life, Physical, and Social Science Occupations (1.71).

Occupation groups in the Port Arthur Region with the highest average wages per worker are Management Occupations (\$114,500), Architecture and Engineering Occupations (\$103,300), and Legal Occupations (\$96,200). The unemployment rate in the region varied among the major groups from 2.1% among Legal Occupations to 10.9% among Food Preparation and Serving Related Occupations.

Over the next 1 year, the fastest growing occupation group in the Port Arthur Region is expected to be Healthcare Support Occupations with a +0.9% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Construction and Extraction Occupations (+14 jobs) and Healthcare Practitioners and Technical Occupations (+10). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (362 jobs) and Production Occupations (341).

Occupation Snapshot in Port Arthur Region, 2018q3

SOC	Occupation	Current						5-Year History		1-Year Forecast				
		Four Quarters Ending with 2018q3			----2018q3----			Total Change	Avg Ann % Chg in Empl Region	Total New Demand	--Separations--		---Growth---	
		Empl	Avg Ann Wages ¹	LQ	Unempl	Unempl Rate	Online Job Ads ²				Exits	Transfer	Empl	Avg Ann Rate
11-0000	Management	1,079	\$114,500	0.74	20	2.8%	57	17	0.3%	84	27	55	1	0.1%
13-0000	Business and Financial Operations	732	\$75,700	0.59	13	5.1%	31	16	0.4%	64	22	43	0	-0.1%
15-0000	Computer and Mathematical	197	\$73,100	0.28	2	4.7%	30	15	1.6%	13	3	9	0	-0.1%
17-0000	Architecture and Engineering	737	\$103,300	1.80	4	2.5%	43	7	0.2%	49	17	33	-2	-0.2%
19-0000	Life, Physical, and Social Science	339	\$76,900	1.71	4	2.6%	18	22	1.4%	29	10	21	-1	-0.4%
21-0000	Community and Social Service	244	\$44,200	0.63	2	2.8%	23	-19	-1.5%	27	10	16	1	0.6%
23-0000	Legal	76	\$96,200	0.39	1	2.1%	0	-1	-0.2%	5	2	3	0	0.3%
25-0000	Education, Training, and Library	1,244	\$42,300	0.92	52	7.7%	31	-14	-0.2%	110	53	51	5	0.4%
27-0000	Arts, Design, Entertainment, Sports, and Media	186	\$46,600	0.43	1	3.2%	11	-10	-1.0%	18	8	10	0	0.1%
29-0000	Healthcare Practitioners and Technical	1,374	\$74,200	1.01	23	2.9%	86	91	1.4%	86	38	38	10	0.7%
31-0000	Healthcare Support	433	\$30,200	0.64	20	6.4%	31	39	1.9%	53	24	25	4	0.9%
33-0000	Protective Service	657	\$46,100	1.27	17	3.8%	26	57	1.8%	64	30	35	-1	-0.2%
35-0000	Food Preparation and Serving Related	2,113	\$22,000	1.02	302	10.9%	105	145	1.4%	366	162	200	4	0.2%
37-0000	Building and Grounds Cleaning and Maintenance	603	\$23,900	0.71	86	8.0%	34	116	4.4%	77	39	37	1	0.1%
39-0000	Personal Care and Service	472	\$21,800	0.50	44	6.6%	15	-63	-2.5%	75	36	34	4	0.9%

Occupation Snapshot in Port Arthur Region, 2018q3

SOC	Occupation	Current						5-Year History		1-Year Forecast				
		Four Quarters Ending with 2018q3			----2018q3----			Total Change	Avg Ann % Chg in Empl	Total New Demand	--Separations--		---Growth---	
		Empl	Avg Ann Wages ¹	LQ	Unempl	Unempl Rate	Online Job Ads ²				Empl	Region	Exits	Transfer
41-0000	Sales and Related	2,436	\$39,200	1.00	147	7.0%	240	60	0.5%	323	145	186	-9	-0.4%
43-0000	Office and Administrative Support	3,028	\$35,600	0.85	173	6.8%	128	60	0.4%	311	153	175	-17	-0.6%
45-0000	Farming, Fishing, and Forestry	36	\$34,500	0.22	7	6.9%	1	-8	-3.8%	4	1	3	0	-0.2%
47-0000	Construction and Extraction	1,780	\$47,600	1.60	255	7.3%	71	-514	-4.9%	201	64	123	14	0.8%
49-0000	Installation, Maintenance, and Repair	1,281	\$51,400	1.39	46	4.1%	68	2	0.0%	117	45	74	-1	-0.1%
51-0000	Production	3,342	\$59,600	2.28	176	6.4%	41	16	0.1%	311	105	236	-31	-0.9%
53-0000	Transportation and Material Moving	1,714	\$37,900	1.04	167	8.9%	126	68	0.8%	196	81	119	-4	-0.2%
Total - All Occupations		24,102	\$49,300	1.00	n/a	n/a	1,216	104	0.1%	2,587	1,077	1,529	-18	-0.1%

Source: [JobsEQ®](http://www.chmuraecon.com/jobseq)

Data as of 2018Q3 unless noted otherwise

Note: Figures may not sum due to rounding.

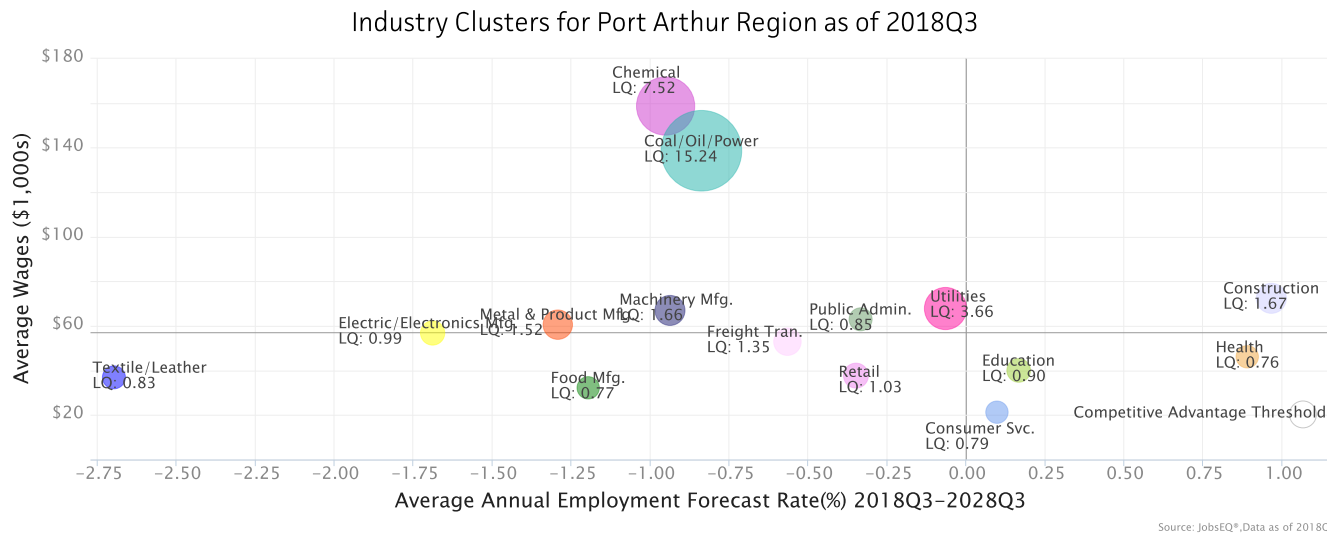
1. Occupation wages are as of 2017 and should be taken as the average for all Covered Employment

2. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2018Q1, imputed where necessary with preliminary estimates updated to 2018Q3. Wages by occupation are as of 2017 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the Port Arthur Region with the highest relative concentration is Coal/Oil/Power with a location quotient of 15.24. This cluster employs 3,157 workers in the region with an average wage of \$138,639. Employment in the Coal/Oil/Power cluster is projected to contract in the region about 0.8% per year over the next ten years.

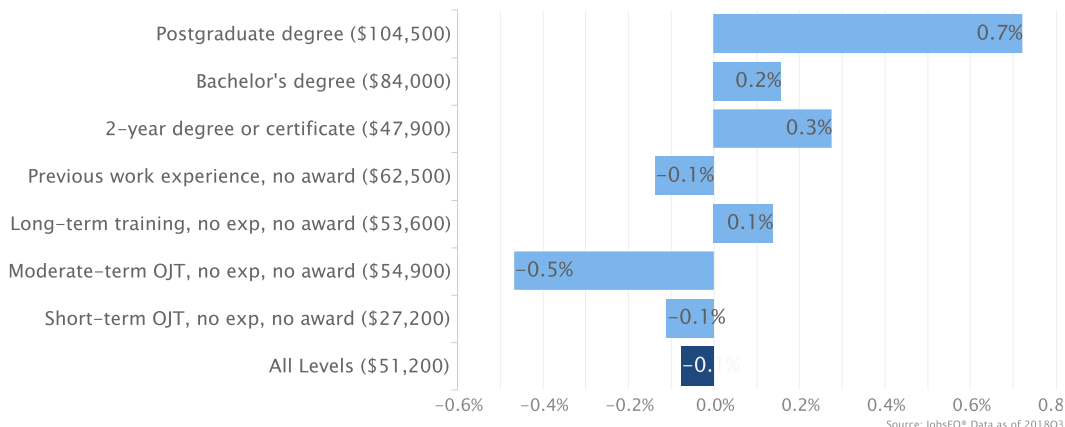


Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2018Q1 with preliminary estimates updated to 2018Q3. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in the Port Arthur Region is projected to contract 0.1% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.7% per year, those requiring a bachelor's degree are forecast to grow 0.2% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.3% per year.

Annual Average Projected Job Growth by Training Required for Port Arthur Region



Employment by occupation data are estimates as of 2018Q3. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Region Definition

Port Arthur Region is defined as the following zip code tabulation areas: ZCTA 77640; ZCTA 77642; ZCTA 77655

FAQ

What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a *competitive advantage* in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report

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