

Economy Overview

51 Texas ZIPs

WEST HARRIS AND WESTSIDE ADJACENT COUNTIES

Emsi Q2 2017 Data Set

July 2017

Employment & Training Centers



3355 West Alabama, Suite 350
Houston, Texas 77098
713.688.6890

Parameters

Regions

51 items selected. See Appendix A for details.

Timeframe

2015 - 2016

Datarun

2017.2 – Employees

Economy Overview





















* Highlighted areas show counties that contain the selected zip codes

Population (2016)	1,571.5K
Jobs (2016)	617.8K
Average Earnings (2016)	\$74.7K
Unemployed (1/2017)	N/A for ZIP Code Regions
Completions (2015)	13.3K
GRP (2016)	\$81.2B
Exports (2016)	\$114.8B
Imports (2016)	\$53.6B

Population

1.6M 2016 Population 5.6% of State	18.0% Population Growth for the Last 5 Years State Growth 8.7%
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Age Group	2016 Population	% of Population	
Under 5 years	111,270	7.1%	
5 to 9 years	126,056	8.0%	
10 to 14 years	129,004	8.2%	
15 to 19 years	114,831	7.3%	
20 to 24 years	94,872	6.0%	
25 to 29 years	93,812	6.0%	
30 to 34 years	112,738	7.2%	
35 to 39 years	116,860	7.4%	
40 to 44 years	113,790	7.2%	
45 to 49 years	107,510	6.8%	
50 to 54 years	107,702	6.9%	
55 to 59 years	99,276	6.3%	
60 to 64 years	85,004	5.4%	
65 to 69 years	61,569	3.9%	
70 to 74 years	42,827	2.7%	
75 to 79 years	23,953	1.5%	
80 to 84 years	15,834	1.0%	
85 years and over	14,582	0.9%	

Jobs by Industry

617,763
Total Jobs (2016)






















NAICS	Industry	2016 Jobs
11	Crop and Animal Production	1,885
21	Mining, Quarrying, and Oil and Gas Extraction	21,016
22	Utilities	2,414
23	Construction	49,130
31	Manufacturing	60,927
42	Wholesale Trade	44,084
44	Retail Trade	71,249
48	Transportation and Warehousing	15,479
51	Information	5,756
52	Finance and Insurance	15,744
53	Real Estate and Rental and Leasing	10,476
54	Professional, Scientific, and Technical Services	44,174
55	Management of Companies and Enterprises	7,435
56	Administrative and Support and Waste Management and Remediation Services	35,335
61	Educational Services	7,217
62	Health Care and Social Assistance	53,087
71	Arts, Entertainment, and Recreation	7,856
72	Accommodation and Food Services	53,976
81	Other Services (except Public Administration)	25,285
90	Government	84,928
99	Unclassified Industry	312

Average Earnings by Industry











\$74.7K

Avg. Earnings (2016)

115% of Nation Avg.















NAICS	Industry	Avg. Earnings (2016)	
11	Crop and Animal Production	\$39,014	
21	Mining, Quarrying, and Oil and Gas Extraction	\$215,733	
22	Utilities	\$134,617	
23	Construction	\$81,683	
31	Manufacturing	\$95,738	
42	Wholesale Trade	\$96,541	
44	Retail Trade	\$38,221	
48	Transportation and Warehousing	\$77,160	
51	Information	\$80,154	
52	Finance and Insurance	\$104,339	
53	Real Estate and Rental and Leasing	\$80,466	
54	Professional, Scientific, and Technical Services	\$119,695	
55	Management of Companies and Enterprises	\$183,778	
56	Administrative and Support and Waste Management and Remediation Services	\$56,131	
61	Educational Services	\$44,875	
62	Health Care and Social Assistance	\$60,193	
71	Arts, Entertainment, and Recreation	\$26,007	
72	Accommodation and Food Services	\$22,190	
81	Other Services (except Public Administration)	\$34,756	
90	Government	\$68,357	
99	Unclassified Industry	\$45,624	







Top Program Completions

CIP	Program	Completions (2015)	
24	Liberal arts and sciences, general studies and humanities	4,292	
51	Health professions and related programs	2,538	
52	Business, management, marketing, and related support services	2,075	
15	Engineering technologies and engineering-related fields	564	
43	Homeland security, law enforcement, firefighting and related protective services	501	
13	Education	355	
12	Personal and culinary services	310	
30	Multi/interdisciplinary studies	277	
48	Precision production	263	
11	Computer and information sciences and support services	245	

Gross Regional Product (GRP)

\$48.4B Earnings (2016)	\$25.5B Property Income (2016)	\$7.4B Taxes on Production (2016)	\$81.2B Total GRP (2016)
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NAICS	Industry	GRP (2016)	% of Total
11	Crop and Animal Production	\$623,256,393.65	1% 
21	Mining, Quarrying, and Oil and Gas Extraction	\$10,689,013,424.01	13% 
22	Utilities	\$1,186,330,900.76	1% 
23	Construction	\$6,178,718,261.47	8% 
31	Manufacturing	\$9,250,883,273.97	11% 
42	Wholesale Trade	\$10,199,953,709.29	13% 
44	Retail Trade	\$4,538,476,233.67	6% 
48	Transportation and Warehousing	\$2,074,119,650.74	3% 
51	Information	\$1,841,051,999.19	2% 
52	Finance and Insurance	\$4,267,774,261.92	5% 
53	Real Estate and Rental and Leasing	\$4,503,225,499.32	6% 
54	Professional, Scientific, and Technical Services	\$6,363,147,870.96	8% 
55	Management of Companies and Enterprises	\$1,704,137,449.56	2% 
56	Administrative and Support and Waste Management and Remediation Services	\$2,834,748,021.19	3% 

NAICS	Industry	GRP (2016)	% of Total
61	Educational Services	\$363,965,425.31	0%
62	Health Care and Social Assistance	\$3,615,825,437.44	4% 
71	Arts, Entertainment, and Recreation	\$407,138,379.05	1% 
72	Accommodation and Food Services	\$1,813,837,015.66	2% 
81	Other Services (except Public Administration)	\$1,432,852,332.27	2% 
90	Government	\$5,863,639,956.32	7% 
	Other Non-Industries	\$1,480,047,681.74	2% 





Region Exports

\$114.8B

Exports (2016)




















71% of Supply


NAICS	Industry	Exports (2016)	
11	Crop and Animal Production	\$1,574,232,599	
21	Mining, Quarrying, and Oil and Gas Extraction	\$14,966,092,829	
22	Utilities	\$1,492,384,967	
23	Construction	\$7,566,854,160	
31	Manufacturing	\$19,532,899,771	
42	Wholesale Trade	\$12,103,619,884	
44	Retail Trade	\$5,622,234,645	
48	Transportation and Warehousing	\$3,367,759,636	
51	Information	\$1,873,024,388	
52	Finance and Insurance	\$4,522,509,823	
53	Real Estate and Rental and Leasing	\$4,783,961,437	
54	Professional, Scientific, and Technical Services	\$7,497,342,149	
55	Management of Companies and Enterprises	\$1,375,584,904	
56	Administrative and Support and Waste Management and Remediation Services	\$2,626,482,783	
61	Educational Services	\$498,277,451	
62	Health Care and Social Assistance	\$5,492,666,621	

NAICS	Industry	Exports (2016)
71	Arts, Entertainment, and Recreation	\$571,167,019 
72	Accommodation and Food Services	\$2,609,157,998 
81	Other Services (except Public Administration)	\$2,129,624,297 
90	Government	\$14,547,001,550 

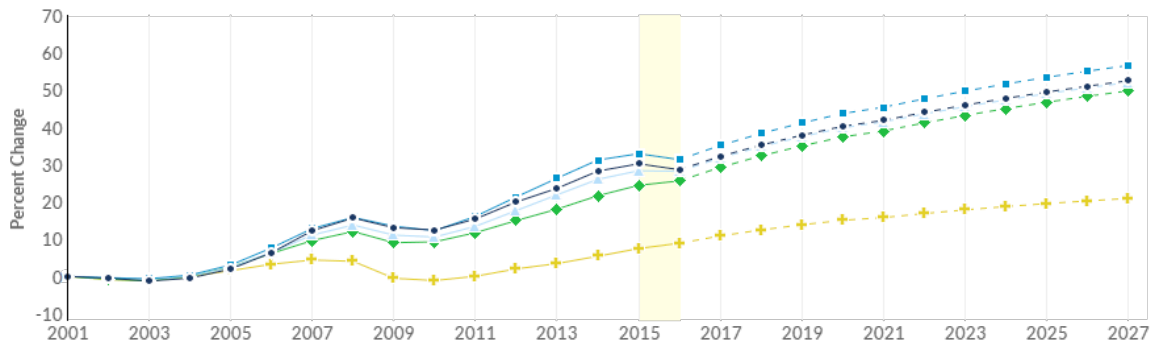
Region Imports

\$53.6B Imports (2016) 52% of Demand	\$49.0B Locally Produced & Consumed (2016) 48% of Demand
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NAICS	Industry	Imports (2016)	
11	Crop and Animal Production	\$570,810,448	
21	Mining, Quarrying, and Oil and Gas Extraction	\$1,084,736,779	
22	Utilities	\$716,850,109	
23	Construction	\$1,988,330,798	
31	Manufacturing	\$13,778,413,405	
42	Wholesale Trade	\$1,982,545,777	
44	Retail Trade	\$145,142,427	
48	Transportation and Warehousing	\$2,231,601,410	
51	Information	\$2,671,183,613	
52	Finance and Insurance	\$2,931,114,682	
53	Real Estate and Rental and Leasing	\$2,133,958,190	
54	Professional, Scientific, and Technical Services	\$4,739,109,669	
55	Management of Companies and Enterprises	\$875,528,550	
56	Administrative and Support and Waste Management and Remediation Services	\$1,931,880,855	
61	Educational Services	\$269,928,383	
62	Health Care and Social Assistance	\$248,561,968	
71	Arts, Entertainment, and Recreation	\$254,546,461	
72	Accommodation and Food Services	\$155,623,492	
81	Other Services (except Public	\$376,601,662	







NAICS	Industry	Imports (2016)
	Administration)	
90	Government	\$14,478,115,674 

Regional Trends









	Region	2015 Jobs	2016 Jobs	Change	% Change
●	Region	625,370	617,763	-7,607	-1.2%
●	Katy EDC 12 Zip Codes 071417	195,673	193,342	-2,331	-1.2%
●	13-County Gulf Coast Region	3,033,630	3,029,727	-3,903	-0.1%
●	State	12,144,333	12,260,340	116,007	1.0%
●	Nation	145,756,463	147,686,168	1,929,705	1.3%

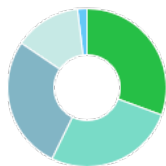
Growing & Declining Occupations






Occupation	Change in Jobs (2015-2016)	
Combined Food Preparation and Serving Workers, Including Fast Food	611	
Cashiers	291	
Waiters and Waitresses	244	
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	-661	
Welders, Cutters, Solderers, and Brazers	-677	
Machinists	-686	

Growing & Declining Industries

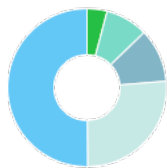
Industry	Change in Jobs (2015-2016)	
Elementary and Secondary Schools (Local Government)	1,089	
Limited-Service Restaurants	800	
Full-Service Restaurants	572	
Wholesale Trade Agents and Brokers	-1,298	
Drilling Oil and Gas Wells	-1,332	
Oil and Gas Field Machinery and Equipment Manufacturing	-3,283	






2016 Age Cohort Demographics



	Age Cohort	2016 Population	2016 Percent
●	Under 20 years	481,161	30.6% 
●	20 to 39 years	418,281	26.6% 
●	40 to 59 years	428,278	27.3% 
●	60 to 79 years	213,354	13.6% 
●	80 years and over	30,416	1.9% 

2016 Race/Ethnicity Demographics



	Race/Ethnicity	2016 Population	2016 Percent
●	All Other Race/ethnicities	64,452	4.1% 
●	Asian, Non-Hispanic	136,030	8.7% 
●	Black, Non-Hispanic	171,867	10.9% 
●	White, Hispanic	411,653	26.2% 
●	White, Non-Hispanic	787,488	50.1% 

Top Regional Businesses

Business Name	Business Size
Bp America Inc	Large (250+)
Exxon Mobil Downstream	Large (250+)
Texas Renaissance Festival	Large (250+)
Tomball Regional Med Ctr Cncr	Large (250+)
Amec Foster Wheeler Usa Corp	Large (250+)

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Appendix A - Regions

Code	Description
77040	Houston, TX (in Harris county)
77041	Houston, TX (in Harris county)
77043	Houston, TX (in Harris county)
77064	Houston, TX (in Harris county)
77065	Houston, TX (in Harris county)
77066	Houston, TX (in Harris county)
77069	Houston, TX (in Harris county)
77070	Houston, TX (in Harris county)
77079	Houston, TX (in Harris county)
77084	Houston, TX (in Harris county)
77094	Houston, TX (in Harris county)
77095	Houston, TX (in Harris county)
77316	Montgomery, TX (in Montgomery county)
77333	Dobbin, TX (in Montgomery county)
77353	Magnolia, TX (in Montgomery county)
77354	Magnolia, TX (in Montgomery county)
77355	Magnolia, TX (in Montgomery county)
77356	Montgomery, TX (in Montgomery county)
77362	Pinehurst, TX (in Montgomery county)
77363	Plantersville, TX (in Grimes county)
77375	Tomball, TX (in Harris county)
77377	Tomball, TX (in Harris county)
77379	Spring, TX (in Harris county)
77381	Spring, TX (in Montgomery county)
77382	Spring, TX (in Montgomery county)
77388	Spring, TX (in Harris county)
77389	Spring, TX (in Harris county)
77418	Bellville, TX (in Austin county)
77423	Brookshire, TX (in Waller county)
77426	Chappell Hill, TX (in Washington county)

Code	Description
77429	Cypress, TX (in Harris county)
77433	Cypress, TX (in Harris county)
77441	Fulshear, TX (in Fort Bend county)
77445	Hempstead, TX (in Waller county)
77446	Prairie View, TX (in Waller county)
77447	Hockley, TX (in Harris county)
77449	Katy, TX (in Harris county)
77450	Katy, TX (in Harris county)
77466	Pattison, TX (in Waller county)
77473	San Felipe, TX (in Austin county)
77474	Sealy, TX (in Austin county)
77476	Simonton, TX (in Fort Bend county)
77484	Waller, TX (in Harris county)
77485	Wallis, TX (in Austin county)
77493	Katy, TX (in Harris county)
77494	Katy, TX (in Fort Bend county)
77833	Brenham, TX (in Washington county)
77834	Brenham, TX (in Washington county)
77868	Navasota, TX (in Grimes county)
77880	Washington, TX (in Washington county)
78933	Cat Spring, TX (in Austin county)

Appendix B - Data Sources and Calculations

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, birth and mortality rates from the US Health Department, and projected regional job growth.

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Texas Workforce Commission