

Texas Workforce Commission

Adult Education and Literacy



Fall Institute 2020

Handout

September 15, 2020

Day 1, Session 6

Approving IET Programs for Career Pathways: Building Lasting Programs Across the Gulf Coast Region

Presenter: Danielle Shokes-Knotts, danielle.shokes-knotts@wrksolutions.net

Session Description: The IET approval process that takes place at the board staff level, including regional analysis and projections. Also building stackable credentials across providers within the Gulf Coast Consortium.

Contents

- Gulf Coast Consortium Providers 3
- Mission, Vision and Values 4
 - Mission Statement - 4
 - Vision Statement - The Future We Aspire To 4
 - Core Values - Our Strongly Held Beliefs..... 4
- Approval Process 5
 - IET Survey Headings: 5
 - What types of companies are in the eastern counties of the 13-County Region?. 6
- EMSI Data Analysis 12
- Internal IET List..... 13
- Life After the Pandemic 13
 - Gulf Coast Workforce Trainings Providers (Updated Sept. 2020) 13
 - Professional, Business and Technical Services 13
 - Construction..... 15
 - Education 17
 - Healthcare..... 17
 - Oil & Gas and Related Manufacturing 19
 - Transportation..... 20

Other Occupations	20
Increasing the Impact on Our Workforce.....	21
Outcomes.....	21
SOAR	21

Gulf Coast Consortium Providers

- Adult Education Center
- AAMA
- The Alliance
- BakerRipley
- Boys and Girls Club of Walker County
- Brazosport College
- Chinese Community Center
- Community Family Centers
- College of the Mainland
- Harris County Department of Education
- Houston Community College
- Lone Star College
- San Jacinto College
- Wharton County Junior College

Mission, Vision and Values

Mission Statement - The Reason We Exist the Gulf Coast Workforce System helps employers solve their workforce problems and residents build careers, so both can better compete in the global economy.

Vision Statement - The Future We Aspire To

For the Gulf Coast Region:

The Gulf Coast of Texas ranks among the top ten economic regions in the world. Employers have an adequate supply of well-educated and well-trained workers, which enables them to compete in the global economy. Residents have the knowledge, skills and aptitudes to work and earn incomes that make them self-sufficient. The region is among the most attractive places in the country to live and work.

For the Workforce System:

A single, integrated workforce system offers solutions for employers' workforce problems and helps people build careers. Employers access the system and use its services without leaving their place of business.

For the Gulf Coast Workforce Board:

The Gulf Coast Workforce Board sets the regional workforce agenda. It is widely recognized for its excellence as a leader and governing board and for its commitment to making a difference.

Core Values - Our Strongly Held Beliefs

Innovation, Productivity, Accountability, Results

According to AEL Letter 02-16: Core Components of an IET (IET Components) means the three required instructional and service activities of an IET. These include:

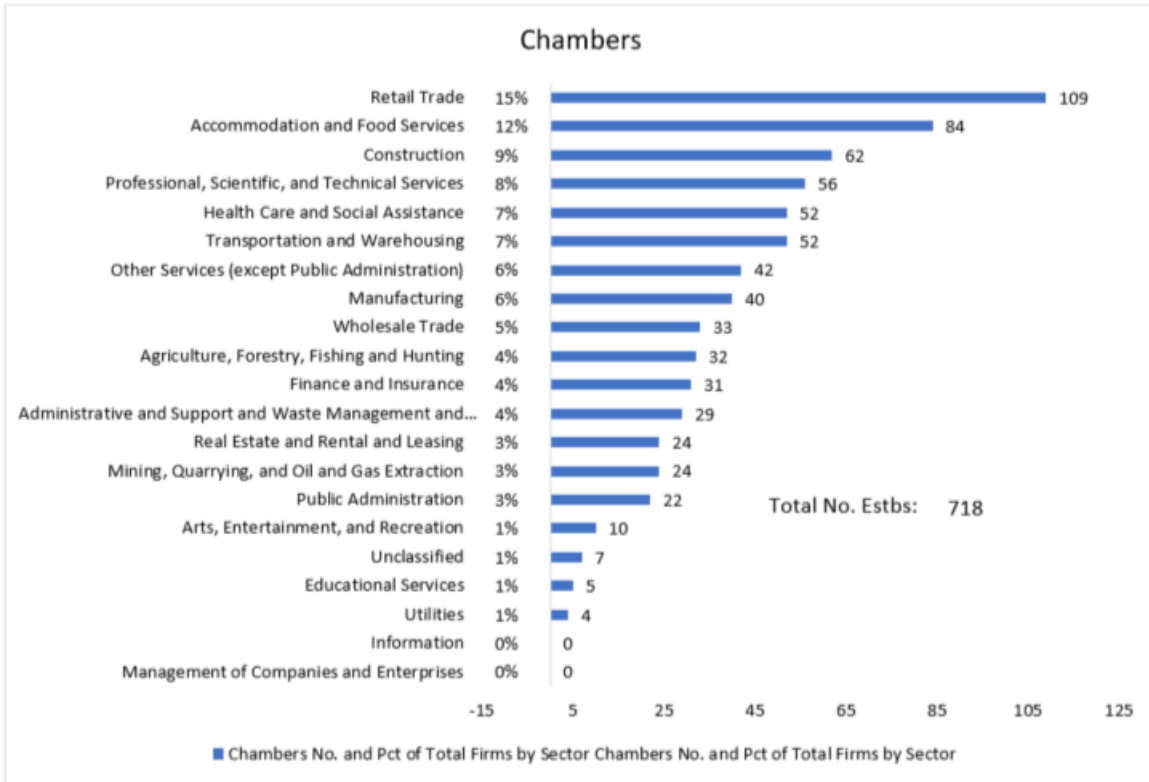
- AEL Activities contextualized for Workforce Trainings;
- Workforce Preparation Activities; and
- Workforce Training for a specific in-demand or targeted occupation or occupational cluster, as determined by the Board.

Principal Economist performs 13-County Region EMSI search. Job ad search across the region regardless of occupation, skills requirements.

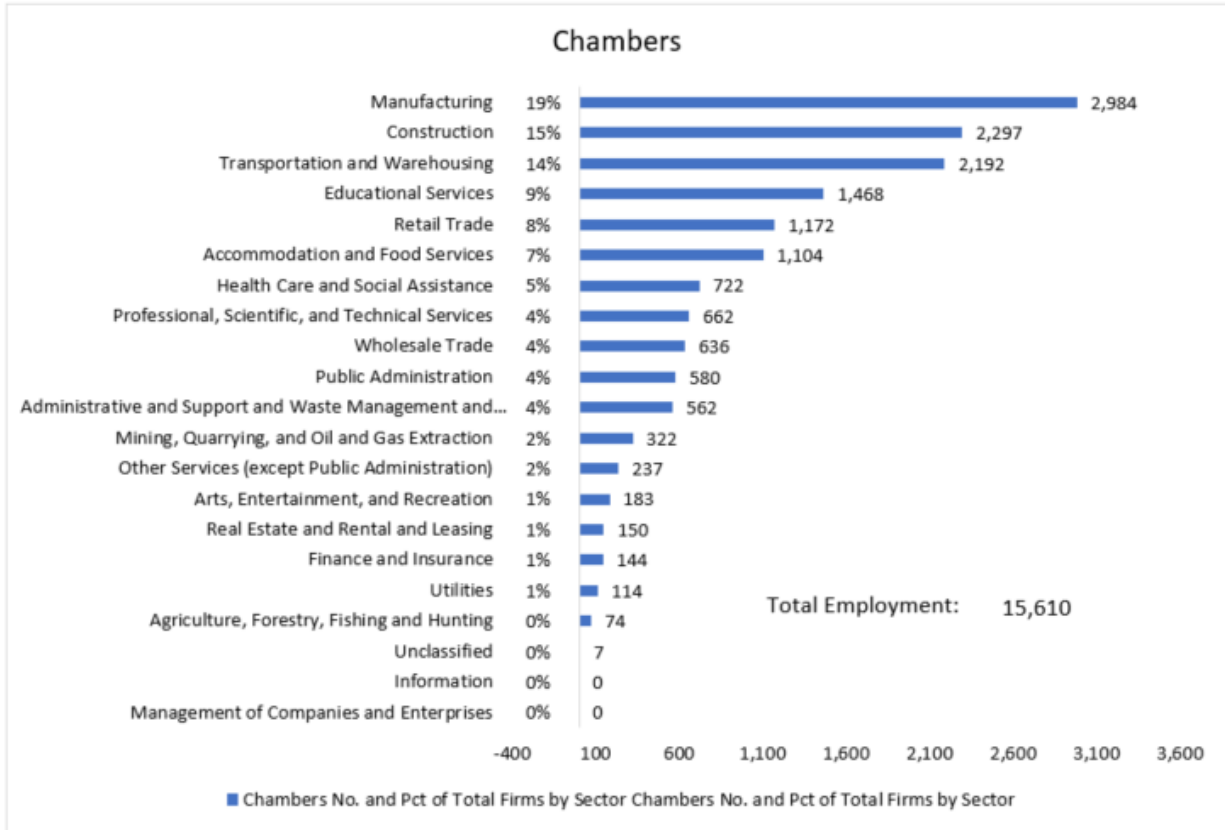
- Determine possibilities
- On-Ramp
- HSHG
- Not On-Ramp- nor HSHG

What types of companies are in the eastern counties of the 13-County Region?

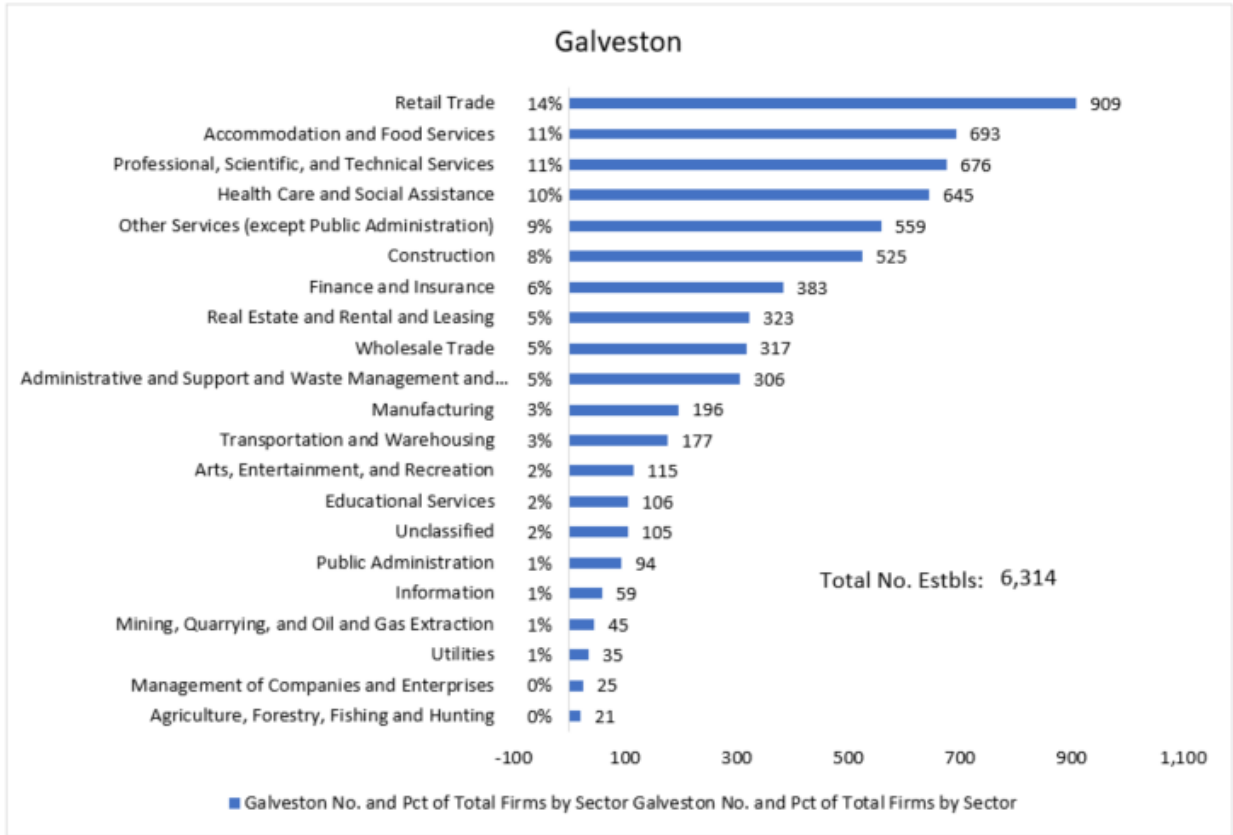
Defining the eastern counties as Chambers, Galveston, and Liberty Counties, the following are the counts and percentage of totals of business establishments by sector for each of the 3 counties.



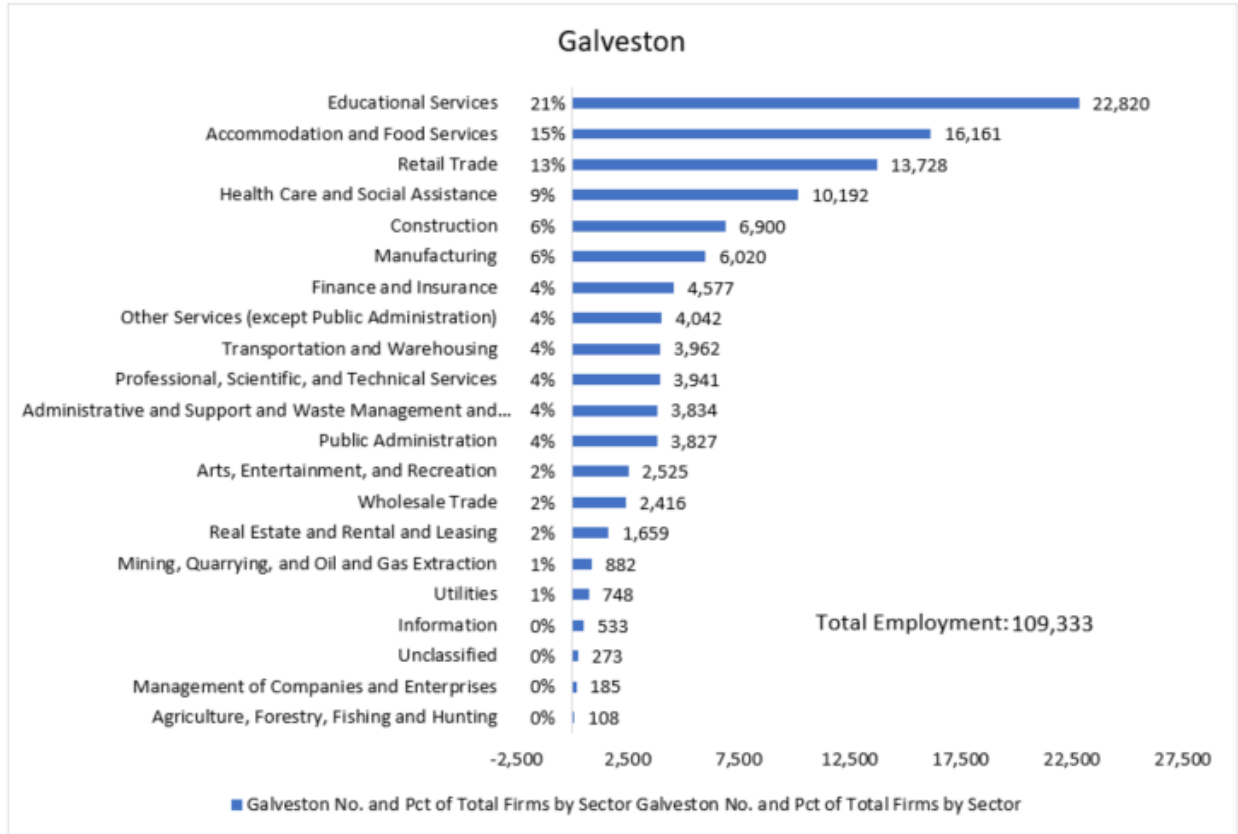
In terms of the number of establishments, retail and restaurants tend to dominate with 193 establishments, which may consist of multiple franchise locations, or 27% of all places of business in Chambers County. However, while these two types of establishments are most common, the largest employing sector, i.e. with the most jobs, is manufacturing accounting for nearly 1 in 5 jobs in county but only 6% of business establishments indicating the presence of multiple large manufacturing employers based on headcount. Of the 13 counties in the Gulf Coast Region, Chambers has the second-smallest number of business establishments at 718, or just 0.4% of all establishments in the region.



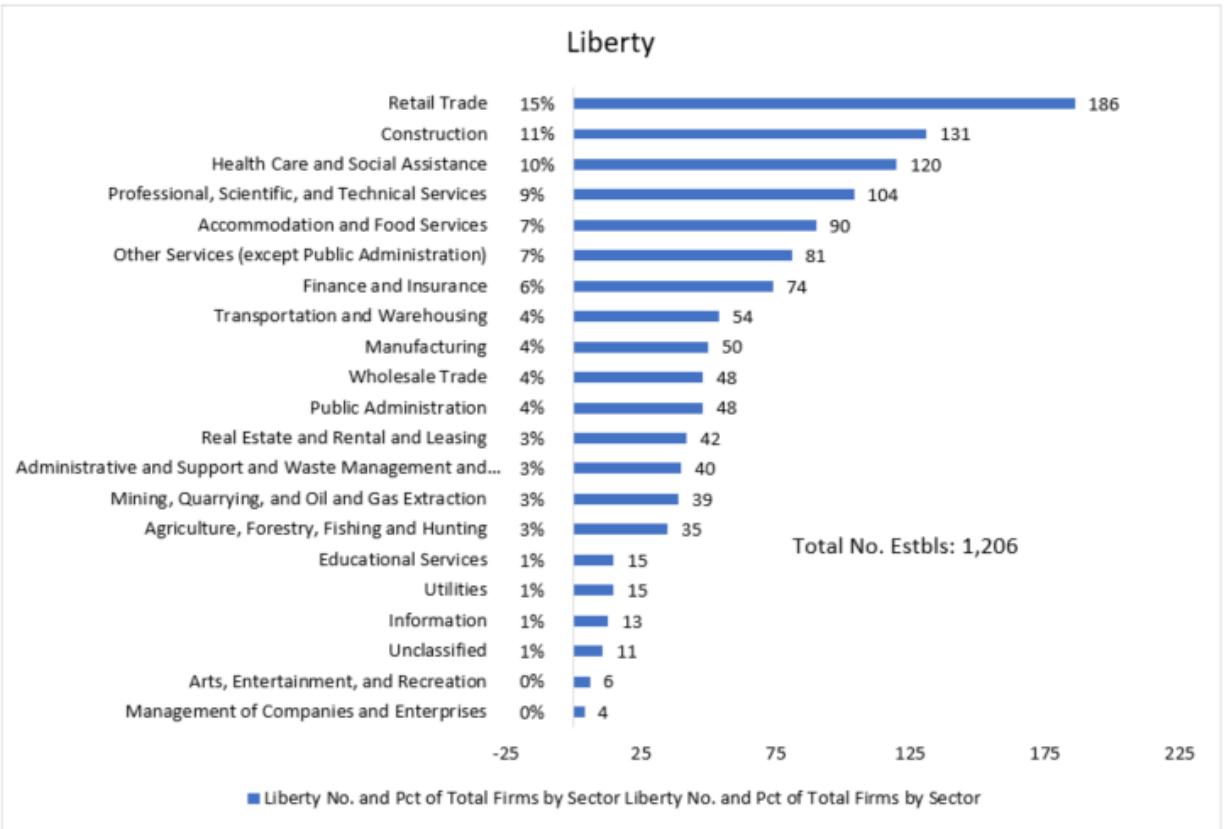
With total employment of 15,610, Chambers County is the fourth-smallest in the region comprising 0.5% of total employment. Note the relatively high ranking of construction in both categories indicating its importance.



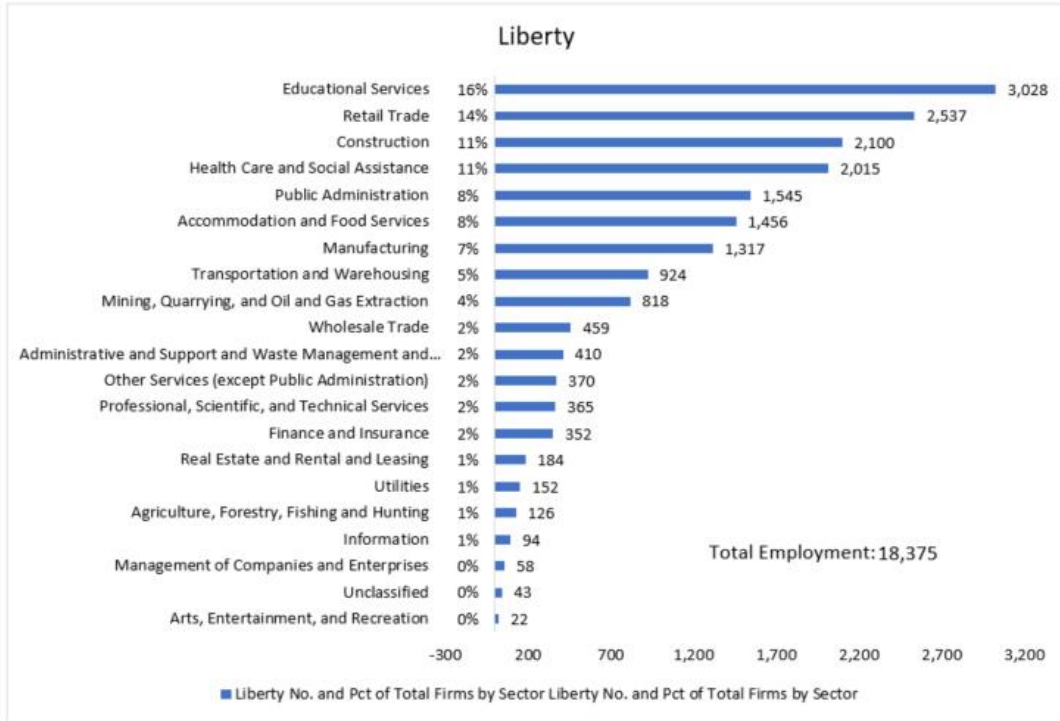
Like Chambers County, Galveston County is also dominated by retail and restaurants accounting for 25% of all establishments in the county. However, Educational Services dominates in terms of the number of jobs in the county with 22,820. Note that UTMB comprises the majority of this figure along with the public school systems and Galveston College and College of the Mainland.



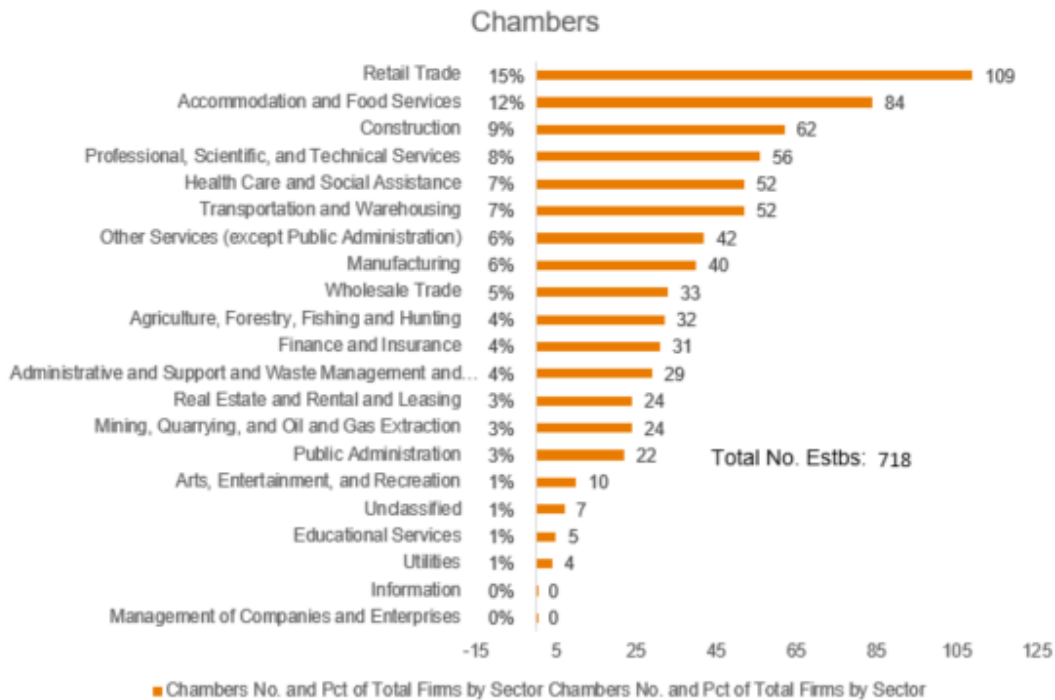
Galveston County has the fifth-largest number of jobs in the region, similar to its rank in population, 109,333 jobs or 4% of the region's total employment.



In contrast to Chambers and Galveston Counties, Liberty County is dominated by retail and construction which combined account for just over one-fourth of business establishments in the county. However, Educational Services possesses the largest number of jobs with 3,028 followed by retail 2,537 and construction 2,015. The relatively high ranking of construction among establishments and as a source of jobs suggests this sector is in fact a significant part of the county's economic base.



EMSI Data Analysis



Internal IET List

Adult Education IET Proposed Offerings - Approved Trainings

SOC	IET - Occupational Title	Approved Yes/No/? Approval Level 1 - 4 ¹	Justification	Providers	Description	Employment Growth				Typical Education	Median Hly Wage 2016
						Annual Averages 2014	2024	Net Change	Percent Change		
Professional, Business, & Technical Services											
43-3031	Accounting - Bookkeeping, Accounting & Auditing Clerks	Yes/ 1	Accounting is on HSHG list and is scholarship eligible. After successfully completing this course, students are prepared for employment as bookkeepers or accounting/auditing clerks which meet HSHG standards for all but growth.	COM	Successful completion of this level 1 training results in an Occupational Skills Award in accounting. Students can also complete professional bookkeeper certificate or advance to AAS.	32,510	33,680	1,170	3.6%	Some college, no degree	\$19.36
13-1161	Marketing - Market Research Analysts & Marketing Specialists	Yes/ 1	This is approved because marketing is on the HSHG list, although it is not scholarship eligible. When offering this training, programs must still consider the extent to which it will prepare students for employment after completion, or even after completing related AAS.	COM, HCDE	Marketing will prepare the student with basic marketing skills and strategies. The 1 year marketing certificate and 2 year AAS in business with an emphasis in marketing allow students to specialize with courses in customer relations, sales, marketing and e-commerce.	7,050	9,310	2,260	32.1%	Bachelor's degree	\$32.48
41-3099	- Sales Representatives, Services, All Other					26,860	32,810	5,950	22.2%	High school diploma or equivalent	\$26.53
43-4051	- Customer Service Representatives					55,940	69,430	13,490	24.1%	High school diploma or equivalent	\$15.42
23-2011	Paralegal Studies - Paralegals & Legal Assistants	Yes/ 1	Paralegal is on HSHG list and scholarship eligible. A level 1 certificate is part of a realistic training plan to become a paralegal, especially with institutional support to the transition to post-secondary.	HCC, Wharton	This level 1 certificate prepares students for entry level legal positions (legal secretary) while completing coursework that can be applied toward an AAS in Paralegal Studies.	5,700	7,260	1,560	27.4%	Associate's degree	\$27.55
43-6012	- Legal Secretaries					3,400	3,860	460	13.5%	High school diploma or equivalent	\$21.69
43-6014	Business Office Technology - Secretaries & Admin Assists.	Yes/ 2, 4	Relevant occupations meet the modified HSHG standards, but it isn't clear whether training is required or valued by employers. In the future, we should consider how well these trainings help individuals meet their career goals.	Wharton, HCDE	Students complete a one year Administrative Assistant certificate and can advance to complete a two-year AAS in Business Office Technology. The certificate covers Quickbooks, Microsoft Word and Excel in depth and Intro to Microsoft Access.	46,070	53,720	7,650	16.6%	High school diploma or equivalent	\$16.52
43-4171	- Receptionists & Information Clerks					13,970	16,370	2,400	17.2%	High school diploma or equivalent	\$12.84
15-1152	Networking - Computer Network Support Specialist	Yes/ 1	Computer Network Support Specialist is on the HSHG list and is scholarship eligible. Most positions require an associate's degree, so it is important to have institutional structures and support to transition students to AAS.	COM, Wharton	Level 1 Certificate in Networking Fundamentals/Network Support Technician. After completion, students can enter the workforce as computer support specialists or continue onto AAS degree programs in Network Administration.	3,300	3,920	620	18.8%	Associate's degree	\$33.21
15-1152	Programming - Computer Network Support Specialist	Yes/ 1	Computer Network Support Specialist is on the HSHG list, and is scholarship eligible. Most positions require an associate's degree, so it is important to have institutional structures and support to transition students to AAS.	COM, Wharton	Level 1 programming certificate. 28 credit hours, including Intro to database and Microsoft Certified Professional. Courses can be applied to associates in computer science.	3,300	3,920	620	18.8%	Associate's degree	\$33.21
Construction											
51-4121	Welding - Welders, Cutters, Solderers & Brazers	Yes/ 1	Welding is on the HSHG list and is scholarship eligible	HCL, COM, Lone Star, HCDE, Wharton, HCC, San Jacinto, BakerRipley	One year course leads to national NCCER Level 1 certification.	18,800	21,630	2,830	15.1%	High school diploma or equivalent	\$22.22
47-2152	Pipefitting - Plumbers, pipefitters, & Steamfitters	Yes/ 1	Pipefitting is on the HSHG list and is scholarship eligible. HCC will offer Plumbers as part of its Construction Academy.	HCDE, Brazosport, Lone Star, San Jacinto, BakerRipley	This training prepares students for Level 1 NCEER Pipefitter certification.	13,570	17,390	3,820	28.2%	High school diploma or equivalent	\$23.89
47-3010	- Helpers, Construction Trades								\$15.26		

Life After the Pandemic

Gulf Coast Workforce Trainings Providers (Updated Sept. 2020)

Professional, Business and Technical Services

Accounting - Bookkeeping, Accounting

College of the Mainland, Lone Star College, Houston Community College, Lone Star College

Business Administration Management

College of the Mainland

Business Office Technology -Secretaries & Admin Assists.

AAMA, Brazosport College, Harris County Department of Education, Wharton County Junior College

Customer Service & Sales Representative

AAMA, Boys' and Girls' Club of Walker County, Harris County Department of Education

Cybersecurity (IT Core)

Houston Community College

Entrepreneurship (ELCIET)

AEC-Pearland, Brazosport College (EL IET), College of the Mainland (IET)

General Office Admin./Specialist

Houston Community College

Graphic Arts-Graphic Design & Web Design

College of the Mainland

Human Services

Wharton County Junior College

Marketing - Market Research Analysts & Marketing Specialists – Sales Representatives, Services, All Other

College of the Mainland, Harris County Department of Education

Microsoft Office Specialist Excel-Data entry Keyers

AEC-Pearland, Houston Community College

Networking - Computer Network Support Specialist

College of the Mainland, Wharton County Junior College

Paralegal Studies - Paralegals & Legal Assistants – Legal Secretaries

Wharton County Junior College

Programming - Computer Network Support Specialist

College of the Mainland, Wharton County Junior College

Security and Loss Prevention

College of the Mainland

Workplace Essentials

Harris County Department of Education

Construction

Building Inspection

Houston Community College

Construction Engineering Technician

Houston Community College

Construction Management Technology

Houston Community College

Drafting/AutoCAD - Drafting 2D/3D Model & Industrial Drafting

College of the Mainland

Electrician helper

Alliance, Houston Community College

Heating, Air Conditioning, and Refrigeration Mechanics and Installers

College of the Mainland, Harris County Department of Education, Houston Community College, Lone Star College, Wharton County Junior College

Industrial Machinery Mechanics - Industrial Machinery Mechanics

College of the Mainland, Lone Star College, Wharton County Junior College

NCCER Electrical

Baker Ripley

NCCER Instrumentation

College of the Mainland

Pipefitting - Plumbers, pipefitters, & Steamfitters – Helpers--Pipelayers, Plumbers, Pipefitters, Steamfitters

Baker Ripley, Lone Star College

Plumbing

Houston Community College

Structural Welding

Houston Community College

Welding - Welders, Cutters, Solderers & Brazers

College of the Mainland, Harris County Department of Education, Lone Star College, Wharton County Junior College

Education

Child Development Associate

Brazosport College, Chinese Community Center Early Childhood - Childcare Workers Wharton County Junior College

Healthcare

Certified Nursing Assistant

Alliance, Brazosport College, Chinese Community Center, College of the Mainland, Harris County Department of Education, Houston Community College, Lone Star College, San Jacinto College, Wharton County Junior College

Certified Dental Assistant

College of the Mainland, Lone Star College

Community Health Worker

Community Family Center

Comprehensive Coding Systems

Houston Community College

Cosmetology Operator & Esthetic Specialty

College of the Mainland

EKG Technician - Cardiovascular Technologist & Technicians

Alliance, College of the Mainland, Houston Community College, Lone Star College, San Jacinto College

Emergency Management

College of the Mainland

Health Information Analyst

Houston Community College

Health Information Management (Medical Coding) - Medical Records & Health Information Technician

College of the Mainland, Wharton County Junior College

Home Health Aides

College of the Mainland, Lone Star College, San Jacinto College, Wharton County Junior College

Massage Therapist

College of the Mainland

Medical Assistant - Medical Assistants

Brazosport College, College of the Mainland, Harris County Department of Education, Wharton County Junior College

Medical Business and Coding Professional

Houston Community College

Medical Office Insurance Aide - Medical Assistants

Harris County Department of Education

Medical Office Specialist

Wharton County Junior College

Occupational Health and Safety Technician - Occupational Health and Safety Technicians

College of the Mainland

Pharmacy Tech - Pharmacy Technicians

College of the Mainland, Wharton County Junior College

Phlebotomy-Phlebotomists

Alliance, College of the Mainland, Harris County Department of Education, Houston Community College, Lone Star College, San Jacinto College, Wharton County Junior College

Sterile Processing Technician

College of the Mainland

Oil & Gas and Related Manufacturing

Geographic Information Science (GIS)

Houston Community College

Logistics (Maritime)

Houston Community College

Logistics (Supply Chain)

Houston Community College

Machinists – Machinists

Lone Star College

Manufacturing Technology

Wharton County Junior College

Petroleum Pump System Ops., Refinery Ops., & Gaugers

Lone Star College

Process Technology - Chemical Equipment Operators & Tenders

Wharton County Junior College

Transportation

Automotive Technician - Auto Service Technicians & Mechanics

Wharton County Junior College

Commercial Driver's License

Alliance, Brazosport College, Houston Community College

Drone Operator (Unmanned Vehicles)

Houston Community College

Other Occupations

Water Treatment Operator

Wharton County Junior College

Increasing the Impact on Our Workforce

Increasing workforce development partnerships to help increase range of service for the gulf coast region. Increased flexibility to build pathways across the Gulf Coast Region.

Providing opportunities to assist customer across service areas through collaboration with local workforce board.

Outcomes

- Incorporating the WII grant into our work
- Cluster providers into a model that promotes entry into Post-Secondary
- Additional staff members
- Focus areas
- Setting goals

SOAR

We believe in providing Educational Opportunities that help all customers SOAR. By building strong programs that provide high skills, that lead to high growth professions and experiences, we know that we are helping customers obtain tools that they need to thrive and compete in the Gulf Coast Workforce.