

# Occupation Overview

Emsi Q1 2017 Data Set

April 2017

## Workforce Solutions



3101 W US HWY 83  
McAllen, Texas 78501  
(956) 664-2908

# Parameters

## Occupations

11 items selected. See Appendix A for details.

## Regions

Code	Description
48061	Cameron County, TX
48215	Hidalgo County, TX
48427	Starr County, TX
48479	Webb County, TX
48489	Willacy County, TX

## Timeframe

2001 - 2016

## Datarun

2017.1 – QCEW Employees, Non-QCEW Employees, and Self-Employed

## 11 Occupations in 5 Texas Counties

### Occupation Summary for 11 Occupations

<p>11,826</p> <p>Jobs (2016)</p> <p>55% <b>above</b> National average</p>	<p><b>+41.7%</b></p> <p>% Change (2001-2016)</p> <p>Nation: <b>+6.3%</b></p>	<p><b>\$26.52/hr</b></p> <p>Median Hourly Earnings</p> <p>Nation: \$26.83/hr</p>
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# Growth

8,344

2001 Jobs

11,826

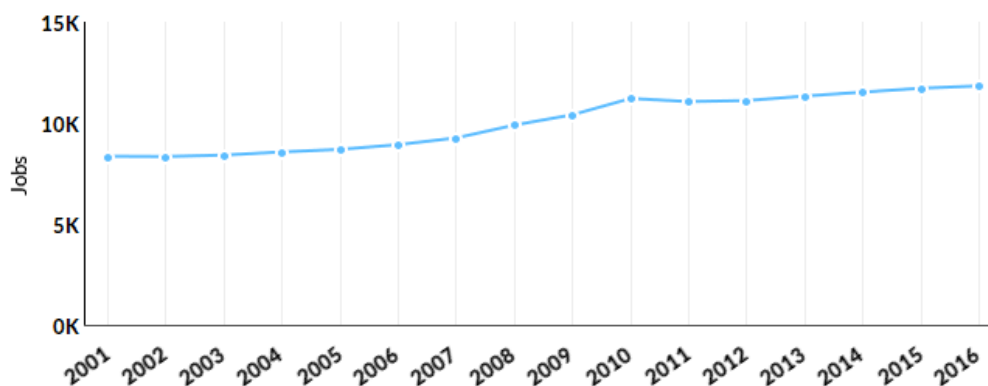
2016 Jobs

3,482

Change (2001-2016)

41.7%

% Change (2001-2016)



Occupation	2001 Jobs	2016 Jobs	Change	% Change
Probation Officers and Correctional Treatment Specialists (21-1092)	154	173	19	12%
First-Line Supervisors of Correctional Officers (33-1011)	139	180	41	29%
First-Line Supervisors of Police and Detectives (33-1012)	169	206	37	22%
First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)	77	79	2	3%
First-Line Supervisors of Protective Service Workers, All Other (33-1099)	113	146	33	29%
Firefighters (33-2011)	936	1,201	265	28%
Correctional Officers and Jailers (33-3012)	1,600	2,218	618	39%
Detectives and Criminal Investigators (33-3021)	2,086	3,590	1,504	72%
Police and Sheriff's Patrol Officers (33-3051)	2,632	3,456	824	31%
Transportation Security Screeners (33-9093)	99	150	51	52%
Protective Service Workers, All Other (33-9099)	337	426	89	26%
<b>Law Enforcement Growth</b>	<b>6,879</b>	<b>9,973</b>	<b>3,094</b>	<b>45%</b>

## Percentile Earnings

\$21.64/hr

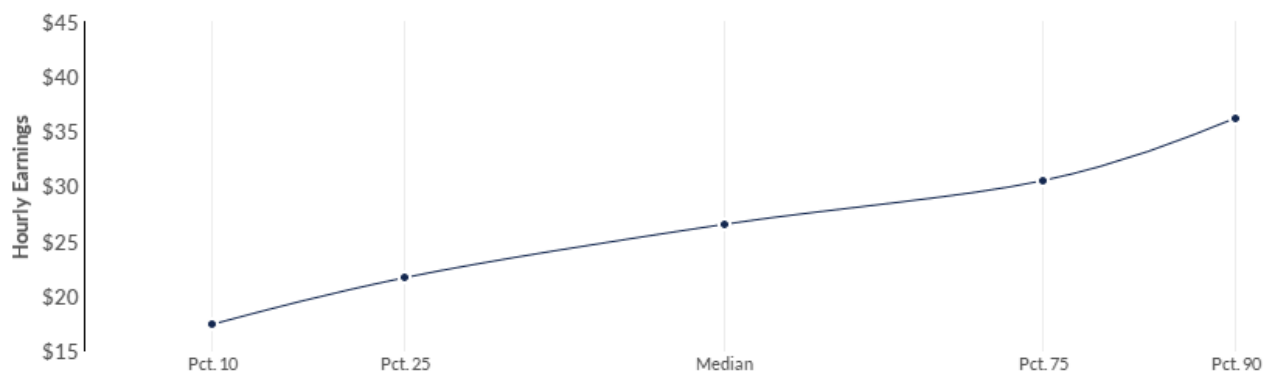
25th Percentile Earnings

\$26.52/hr

Median Earnings

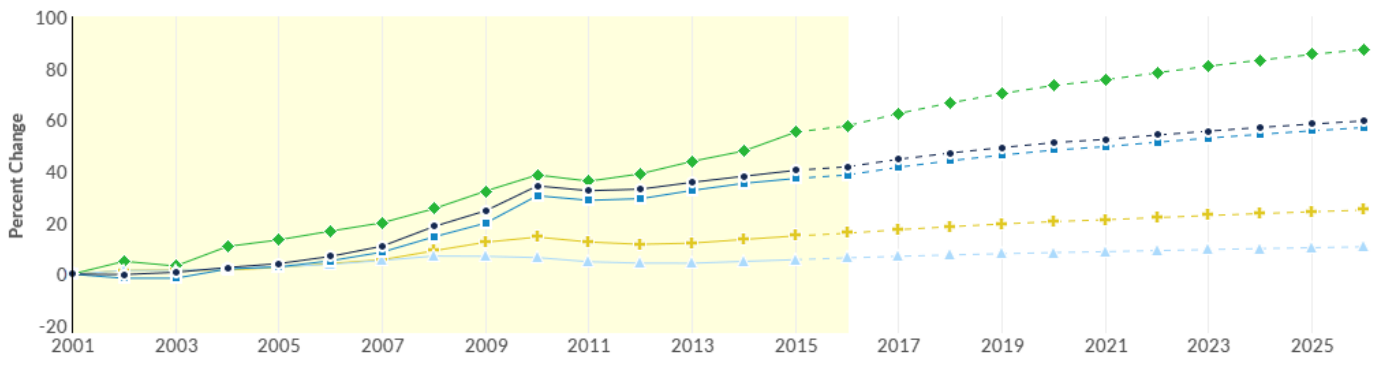
\$30.52/hr

75th Percentile Earnings



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Probation Officers and Correctional Treatment Specialists (21-1092)	\$16.85	\$18.61	\$22.18
First-Line Supervisors of Correctional Officers (33-1011)	\$18.24	\$21.64	\$25.68
First-Line Supervisors of Police and Detectives (33-1012)	\$33.44	\$48.04	\$60.85
First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)	\$23.68	\$32.02	\$43.32
First-Line Supervisors of Protective Service Workers, All Other (33-1099)	\$18.60	\$24.41	\$30.56
Firefighters (33-2011)	\$15.79	\$21.30	\$27.52
Correctional Officers and Jailers (33-3012)	\$14.83	\$17.92	\$21.99
Detectives and Criminal Investigators (33-3021)	\$32.27	\$37.24	\$37.91
Police and Sheriff's Patrol Officers (33-3051)	\$18.49	\$24.26	\$30.52
Transportation Security Screeners (33-9093)	\$17.08	\$18.01	\$19.68
Protective Service Workers, All Other (33-9099)	\$9.54	\$11.59	\$13.62

## Regional Trends



Region	2001 Jobs	2016 Jobs	Change	% Change
● Region	8,344	11,826	3,482	41.7%
■ RGV All Counties	6,365	8,818	2,453	38.5%
▲ United States	1,969,857	2,094,254	124,397	6.3%
◆ McAllen-Edinburg-Mission, TX	2,937	4,629	1,692	57.6%
+ Texas	163,870	189,922	26,052	15.9%

## Regional Breakdown



County	2016 Jobs
Hidalgo County, TX	4,629
Cameron County, TX	3,345
Webb County, TX	3,008
Starr County, TX	607
Willacy County, TX	237

## Job Postings Summary

5,964

Unique Postings (Apr 2011 - Dec 2016)  
24,264 Total Postings

4 : 1

Posting Intensity (Apr 2011 - Dec 2016)



There were 24,264 total job postings for your selection from April 2011 to December 2016, of which 5,964 were unique. These numbers give us a Posting Intensity of 4-to-1, meaning that for every 4 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (6-to-1), indicating that they may not be trying as hard to hire for this position.



## Job Postings vs. Hires

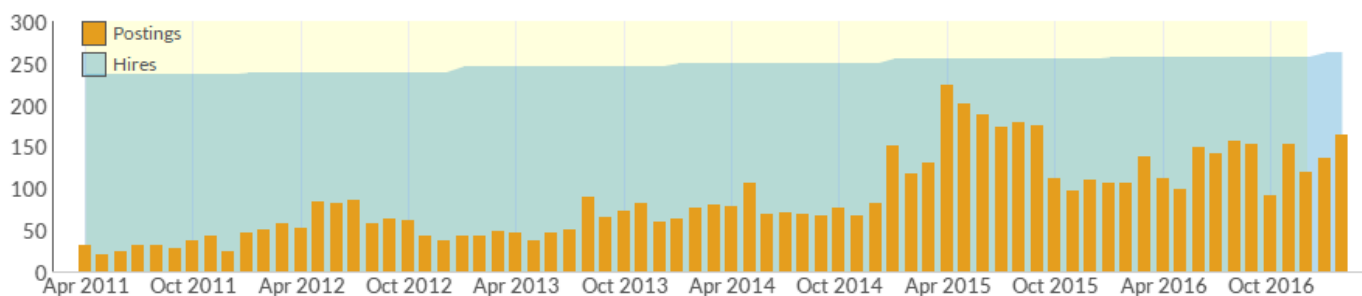
86

Avg. Monthly Postings (Apr 2011 - Dec 2016)

248

Avg. Monthly Hires (Apr 2011 - Dec 2016)

In an average month, there were 86 unique job postings for 11 Occupations, and 248 actually hired. This means there were approximately 3 hires for 11 Occupations for every 1 unique job posting.



Occupation	Avg Monthly Postings (Apr 2011 - Dec 2016)	Avg Monthly Hires (Apr 2011 - Dec 2016)
Police and Sheriff's Patrol Officers	28	68
Protective Service Workers, All Other	16	13
First-Line Supervisors of Protective Service Workers, All Other	16	7
Correctional Officers and Jailers	10	49
Detectives and Criminal Investigators	8	69
First-Line Supervisors of Police and Detectives	3	4
Transportation Security Screeners	3	3
Probation Officers and Correctional Treatment Specialists	2	4
First-Line Supervisors of Correctional Officers	1	4
Firefighters	0	25
First-Line Supervisors of Fire Fighting and Prevention Workers	0	2

## Occupation Gender Breakdown



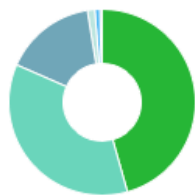
Gender	2016 Jobs	2016 Percent
● Males	9,130	77.2%
● Females	2,696	22.8%

## Occupation Age Breakdown



Age	2016 Jobs	2016 Percent
● 14-18	66	0.6%
● 19-24	683	5.8%
● 25-34	3,030	25.6%
● 35-44	3,691	31.2%
● 45-54	2,875	24.3%
● 55-64	1,237	10.5%
● 65+	244	2.1%

## Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2016 Jobs	2016 Percent
White	5,397	45.6%
Hispanic or Latino	4,250	35.9%
Black or African American	1,877	15.9%
Two or More Races	151	1.3%
Asian	105	0.9%
American Indian or Alaska Native	30	0.3%
Native Hawaiian or Other Pacific Islander	16	0.1%

## Occupational Programs

7  
Programs (2015)

1,458  
Completions (2015)

477  
Openings (2015)

CIP Code	Program	Completions (2015)
43.0104	Criminal Justice/Safety Studies	422
43.0103	Criminal Justice/Law Enforcement Administration	387
44.0701	Social Work	330
43.0107	Criminal Justice/Police Science	268
43.0203	Fire Science/Fire-fighting	51

## Industries Employing 11 Occupations

Industry	Occupation Group Jobs in Industry (2016)	% of Occupation Group in Industry (2016)	% of Total Jobs in Industry (2016)
Local Government, Excluding Education and Hospitals	7,061	59.7%	29.3%
Federal Government, Civilian, Excluding Postal Service	2,414	20.4%	23.6%
State Government, Excluding Education and Hospitals	1,326	11.2%	30.2%
Elementary and Secondary Schools (Local Government)	333	2.8%	0.5%
Facilities Support Services	289	2.4%	25.2%

# Appendix A - Occupations

Code	Description
21-1092	Probation Officers and Correctional Treatment Specialists
33-1011	First-Line Supervisors of Correctional Officers
33-1012	First-Line Supervisors of Police and Detectives
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers
33-1099	First-Line Supervisors of Protective Service Workers, All Other
33-2011	Firefighters
33-3012	Correctional Officers and Jailers
33-3021	Detectives and Criminal Investigators
33-3051	Police and Sheriff's Patrol Officers
33-9093	Transportation Security Screeners
33-9099	Protective Service Workers, All Other

# Appendix B - Data Sources and Calculations

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## 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.

## CareerBuilder/Emsi Job Postings

Job postings are collected from various sources and processed/enriched by Careerbuilder to provide information such as standardized company name, occupation, skills, and geography. Emsi performs additional filtering and processing to improve compatibility with Emsi data.

## 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.

## 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.

## State Data Sources

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