

GULF COAST WORKFORCE REGION

High-Skill, High-Growth Occupations Targeted by the Gulf Coast Workforce Board^{1,2,3,4}

SOC	Occupational Title	Career Training ^{4,5} = ☆ Career Advancement Training ^{4,6} = \$	Employment Growth				Annual Average			Median Hrly Wage 2013
			Annual Averages 2012	Annual Averages 2022	Absolute Change	Percent Change	Growth	Job Openings Replacement	Total	
Educational Services										
25-2000	Primary, Secondary, & Special Education School Teachers	\$	90,900	119,620	28,720	31.6%	2,870	2,155	5,025	25.16 ¹¹
• 25-2022	• Middle School Teachers ^{7,8}	☆/\$	16,470	22,300	5,830	35.4%	585	360	945	25.30 ¹¹
• 25-2031	• Secondary School Teachers ^{7,8}	☆/\$	23,110	29,350	6,240	27.0%	625	630	1,255	25.98 ¹¹
• 25-2032	• Career/Technical Education Teachers, Secondary ^{7,8}	☆/\$	2,300	2,920	620	27.0%	60	65	125	27.09 ¹¹
21-1012	Educational, Vocational, & School Counselors	\$	5,200	6,490	1,290	24.8%	130	110	240	26.82
Specialty Construction										
51-4121	Welders, Cutters, Solderers, and Brazers ³	☆/\$	17,210	21,730	4,520	26.3%	450	420	870	18.36
47-2111	Electricians	☆/\$	14,560	18,220	3,660	25.1%	365	275	640	22.46
47-2152	Plumbers, Pipefitters, & Steamfitters	☆/\$	10,450	13,000	2,550	24.4%	255	130	385	24.68
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	☆/\$	6,270	7,880	1,610	25.7%	160	160	320	19.84
13-1051	Cost Estimators	\$	4,430	5,880	1,450	32.7%	145	140	285	31.42
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$	4,600	5,810	1,210	26.3%	120	135	255	22.36
Oil and Natural Gas Extraction and Manufacturing										
17-2000	Engineers ^{7,9}	\$	51,930	67,890	15,960	30.7%	1,590	1,325	2,915	59.04 ¹¹
• 17-2081	• Environmental Engineers ⁷	☆/\$	1,050	1,350	300	28.6%	30	25	55	52.20
• 17-2171	• Petroleum Engineers ⁷	☆/\$	360	480	120	33.3%	10	10	20	78.60
• 17-2151	• Mining, Mining Safety & Geological Engineers ⁷	☆/\$	360	480	120	33.3%	10	10	20	71.10
49-9041	Industrial Machinery Mechanics	☆/\$	11,290	16,270	4,980	44.1%	500	325	825	23.15
51-4041	Machinists	☆/\$	12,850	17,700	4,850	37.7%	485	295	780	19.88
47-5013	Service Unit Operators, Oil, Gas, & Mining ²	☆/\$	8,570	11,030	2,460	28.7%	245	345	590	20.1
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers ²	☆/\$	6,470	7,570	1,100	17.0%	110	240	350	31.72
19-2042	Geoscientists, Ex. Hydrologists & Geographers ⁷	☆/\$	5,010	6,600	1,590	31.7%	160	150	310	74.83
51-8091	Chemical Plant and System Operators ³	☆/\$	3,460	3,960	500	14.5%	50	130	180	33
19-4041	Geological & Petroleum Technicians ²	☆/\$	2,720	3,510	790	29.0%	80	100	180	30.15
17-3023	Electrical and Electronics Engineering Technicians ² (Instrument and Electrical (I&E) Technicians ONLY)	☆/\$	4,140	4,930	790	19.1%	80	85	165	30.85
Health Services										
29-1141	Registered Nurses ⁷	☆/\$	45,160	58,710	13,550	30.0%	1,355	875	2,230	36.27
29-2061	Licensed Practical & Licensed Vocational Nurses	☆/\$	15,100	19,400	4,300	28.5%	430	370	800	21.69
29-10XX	Doctors and Dentists ^{7,10}	\$	13,890	17,550	3,660	26.3%	360	345	705	74.83 ¹¹
29-2071	Medical Records & Health Information Technicians	\$	3,970	5,190	1,220	30.7%	120	105	225	17.97
29-2011	Medical & Clinical Laboratory Technologists ^{2,7}	☆/\$	3,230	4,060	830	25.7%	85	85	170	27.92
29-1123	Physical Therapists ⁷	☆/\$	2,780	3,690	910	32.7%	90	70	160	41.18
29-2034	Radiologic Technologists & Technicians ²	☆/\$	3,250	4,290	1,040	32.0%	105	45	150	25.71
29-1127	Speech-Language Pathologists ⁷	☆/\$	2,810	3,650	840	29.9%	85	40	125	32.04
29-1126	Respiratory Therapists ^{2,7}	☆/\$	2,610	3,400	790	30.3%	80	40	120	27.02
29-1122	Occupational Therapists ⁷	☆/\$	5,640	6,940	1,300	23.0%	55	25	80	36.4

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			Annual Averages 2012	Annual Averages 2022	Absolute Change	Percent Change	Growth	Job Openings Replacement	Total	Hrly Wage 2013
	Professional and Technical Services									
15-1121	Computer Systems Analysts ⁷	☆/\$	10,760	14,380	3,620	33.6%	360	170	530	43.58
15-1133	Software Developers, Systems Software ⁷	☆/\$	7,750	9,890	2,140	27.6%	215	100	315	46.38
15-1142	Network and Computer Systems Administrators ^{2,7}	☆/\$	8,320	10,260	1,940	23.3%	195	130	325	42.83
15-1132	Software Developers, Applications ⁷	☆/\$	9,590	12,140	2,550	26.6%	255	125	380	45.59
	Other									
13-2011	Accountants & Auditors ⁷	☆/\$	30,940	38,400	7,460	24.1%	745	915	1,660	33.7
23-2011	Paralegals & Legal Assistants	\$	5,580	7,300	1,720	30.8%	170	90	260	25.95

Notes

1. High-skill jobs targeted by the Gulf Coast Workforce Board are those that offer the best employment opportunities for Gulf Coast residents now and in the immediate future.

Criteria used to identify these occupations are:

- Projected employment for 2022 equal to or greater than the average for all occupations in the region. (≥ 4,796)
- Projected growth rate equal to or greater than the average of all occupations in the region. (≥ 23.8%)
- Minimum education requirements of a postsecondary degree or certificate, long-term on-the-job training or work experience in a related occupation.
- Median hourly wages equal to or greater than the median for all occupations in the region. (≥ \$17.26)

2. Occupations from the prior year list meeting three of the four qualifying criteria and projected to have at least 50 percent of their 2022 employment in those industries targeted by the Gulf Coast Workforce Board have been retained.

3. Other occupations meeting some but not all of the above criteria have also been included based on the best regional labor market intelligence available. Employers can petition to have other occupations added or deleted as labor market conditions change.

4. Scholarship amounts may vary based on need and individual circumstances. Please speak to a Workforce Solutions counselor for information on current limits.

5. Career training helps individuals train towards a new occupation. Occupations supported by career training dollars are denoted by "☆."

6. Career advancement training helps individuals build on existing skills within an occupation. Occupations supported by career advancement training dollars are denoted by "\$".

7. For educational programs that award a bachelor's degree or higher, Workforce Solutions will only award scholarships to help finance the last two years of the program of study. We will award scholarships to help finance all years in an Associate Degree in Nursing (ADN) program.

8. Teachers must be seeking one of the following:

- * Middle school and secondary school teacher certification with a major or minor in math or science.
- * Middle school and secondary Career/Technical Education Teachers.

* Middle school or secondary school with teacher certification in Bilingual/ESL or Elementary Teacher Certification with a Bilingual Endorsement. The following certifications would apply: PK-6 Bilingual/ESL, PK-12 Bilingual/ESL, or Bilingual Generalist EC-4 or EC-6. EC-6 or EC-4 Generalist certifications must have a Bilingual Endorsement included in the training outcome.

* Special Education Teachers (Preschool, Kindergarten, Elementary, Middle School, and High School).

9. Engineers includes: Chemical, Civil, Computer Hardware, Electrical, Electronic, Industrial, Mechanical, Petroleum and others.

10. Doctors and Dentists includes: Dentists, Family & General Practitioners, Pediatricians, Internists, Surgeons, and others.

11. Average hourly wage. Median wage not available.

Authorized for use by the Gulf Coast Workforce Board 08/24/2015