

Attachment A: Workforce Solutions Alamo Targeted Demand Occupations 2016

Occ. Code	Occupational Title	Emp 2012	Emp 2022	# Change	Percent Growth (change) 2012-2022	Typical Education Needed for Entry	TWC 2014 Median Wages (Hourly)
Business/Finance/Other							
43-3031	Bookkeeping, Accounting, & Auditing Clerks*	10,490	12,820	2,330	22.2%	High school diploma or equivalent	\$17.14
43-6013	Medical Secretaries*	7,220	10,100	2,880	39.9%	High school diploma or equivalent	\$13.63
23-2011	Paralegals & Legal Assistants*	1,600	2,110	510	31.9%	Associate's degree	\$21.16
43-6014	Secretaries & Administrative Assistants, Ex. Legal, Medical, & Executive	15,070	18,420	3,350	22.2%	High school diploma or equivalent	\$14.84
35-1011	Chefs & Head Cooks*	670	790	120	17.9%	High school diploma or equivalent	\$24.84
25-2021	Elementary School Teachers, Ex. Special Education	12,040	16,220	4,180	34.7%	Bachelor's degree	\$26.18
25-2022	Middle School Teachers, Ex. Special & Career/Technical Education	6,020	8,100	2,080	34.6%	Bachelor's degree	\$26.29
43-9041	Insurance Claims & Policy Processing Clerks	3,590	4,350	760	21.2%	High school diploma or equivalent	\$14.81
13-2051	Financial Analysts	1,850	2,310	460	24.9%	Bachelor's degree	\$37.33
43-3071	Tellers*	5,400	6,620	1,220	22.6%	High school diploma or equivalent	\$11.70
43-4131	Loan Interviewers & Clerks	2,340	2,860	520	22.2%	High school diploma or equivalent	\$17.63
13-2011	Accountants & Auditors	8,180	10,260	2,080	25.4%	Bachelor's degree	\$30.66
Aerospace/Advanced Manufacturing							
13-1081	Logisticians	1,070	1,480	410	38.3%	Bachelor's degree	\$35.76
17-2199	Engineers, All Other	870	1,010	140	16.1%	Bachelor's degree	\$43.44
51-2092	Team Assemblers*	5,420	6,460	1,040	19.2%	High school diploma or equivalent	\$11.69
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal/Plastic*	80	110	30	37.5%	High school diploma or equivalent	\$22.13
51-4041	Machinists	1,570	2,000	430	27.4%	High school diploma or equivalent	\$17.18
49-9041	Industrial Machinery Mechanics*	1,470	2,070	600	40.8%	High school diploma or equivalent	\$21.76
49-9071	Maintenance & Repair Workers, General*	9,010	10,870	1,860	20.6%	High school diploma or equivalent	\$14.28
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers*	2,660	3,240	580	21.8%	High school diploma or equivalent	\$16.34
51-4121	Welders, Cutters, Solderers, & Brazers*	2,260	2,670	410	18.1%	High school diploma or equivalent	\$17.20
49-3023	Auto Service Technicians & Mechanics	4,960	5,980	1,020	20.6%	High school diploma or equivalent	\$17.46
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,540	1,870	330	21.4%	High school diploma or equivalent	\$21.94
53-3033	Light Truck or Delivery Services Drivers	4,640	5,410	770	16.6%	High school diploma or equivalent	\$12.43
17-3024	Electro-Mechanical Technicians	50	60	10	20.0%	Associate's degree	\$27.20
Construction							
47-2031	Carpenters*	4,020	4,840	820	20.4%	High school diploma or equivalent	\$17.33
47-2021	Brickmasons & Blockmasons*	450	610	160	35.6%	High school diploma or equivalent	\$19.87
47-2152	Plumbers, Pipefitters, & Steamfitters*	2,500	2,950	450	18.0%	High school diploma or equivalent	\$20.30
47-2221	Structural Iron & Steel Workers*	500	590	90	18.0%	High school diploma or equivalent	\$15.37
47-2073	Operating Engineers & Other Construction Equipment Operators	2,500	3,040	540	21.6%	High school diploma or equivalent	\$16.19
47-2061	Construction Laborers	9,100	11,120	2,020	22.2%	Less than high school	\$12.40
Energy							
47-5013	Service Unit Operators, Oil, Gas, & Mining	480	740	260	54.2%	Less than high school	\$17.61
47-2111	Electricians*	3,820	4,520	700	18.3%	High school diploma or equivalent	\$20.11
53-3032	Heavy & Tractor-Trailer Truck Drivers	9,560	11,660	2,100	22.0%	Postsecondary non-degree award	\$17.90
Healthcare /Bioscience							
31-9097	Phlebotomists	820	1,010	190	23.2%	Postsecondary non-degree award	\$13.95
29-2032	Diagnostic Medical Sonographers	410	620	210	51.2%	Associate's degree	\$29.60
29-1126	Respiratory Therapists	910	1,150	240	26.4%	Associate's degree	\$24.58
29-1141	Registered Nurses	18,440	23,310	4,870	26.4%	Associate's degree	\$31.48
31-2011	Occupational Therapy Assistants	240	350	110	45.8%	Associate's degree	\$31.07
29-2052	Pharmacy Technicians	2,520	3,240	720	28.6%	High school diploma or equivalent	\$15.60
29-2012	Medical & Clinical Laboratory Technicians	1,260	1,660	400	31.7%	Associate's degree	\$17.23
29-2034	Radiologic Technologists	1,340	1,690	350	26.1%	Associate's degree	\$24.48
29-2061	Licensed Practical & Licensed Vocational Nurses	7,280	9,230	1,950	26.8%	Postsecondary non-degree award	\$20.50
29-2071	Medical Records & Health Information Technicians*	1,630	2,070	440	27.0%	Postsecondary non-degree award	\$15.21
31-1014	Nursing Assistants	8,920	11,130	2,210	24.8%	Postsecondary non-degree award	\$11.31
29-2055	Surgical Technologists	830	1,130	300	36.1%	Postsecondary non-degree award	\$18.32
31-9091	Dental Assistants	2,380	2,970	590	24.8%	Postsecondary non-degree award	\$14.50
31-9092	Medical Assistants*	4,750	6,240	1,490	31.4%	Postsecondary non-degree award	\$12.97
Information Technology							
15-1121	Computer Systems Analysts*	3,440	4,590	1,150	33.4%	Bachelor's degree	\$37.33
15-1132	Software Developers, Applications*	2,950	3,760	810	27.5%	Bachelor's degree	\$44.64
15-1133	Software Developers, Systems Software	2,000	2,520	520	26.0%	Bachelor's degree	\$47.81
15-1142	Network & Computer Systems Administrators*	2,490	3,090	600	24.1%	Bachelor's degree	\$34.67
15-1143	Computer Network Architects	900	1,130	230	25.6%	Bachelor's degree	\$42.94
15-1151	Computer User Support Specialists*	4,430	5,640	1,210	27.3%	Some college, no degree	\$20.04
15-1134	Web Developers	1,010	1,270	260	25.7%	Associate's degree	\$28.41
Sources: Texas Workforce Commission/Tracer2/ Occupational Projections 2012-2022; Texas WDA Wages, Occupational employment Statistics Program, Data benchmarked to 2014							
Purple-* = Apprenticeship Program							