

2020-2022 Oklahoma Critical Occupations

SOC	Description	2019 Jobs	2025 Jobs	Change (2019 - 2025)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training	Certificate available for HS or Less
53-3032	Heavy and Tractor-Trailer Truck Drivers	30,281	32,732	2,451	\$ 20.01	Postsecondary nanodegree award	None	Short-term on-the-job training	
29-1141	Registered Nurses	30,449	32,039	1,590	\$ 29.69	Bachelor's degree	None	None	
11-1021	General and Operations Managers	27,405	29,196	1,791	\$ 39.32	Bachelor's degree	5 years or more	None	
49-9071	Maintenance and Repair Workers, General	17,704	18,793	1,089	\$ 15.57	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
13-2011	Accountants and Auditors	15,758	17,046	1,288	\$ 31.43	Bachelor's degree	None	None	
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	11,645	12,679	1,033	\$ 29.08	High school diploma or equivalent	5 years or more	None	Y
51-4121	Welders, Cutters, Soldiers, and Braziers	10,830	11,662	832	\$ 19.99	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
43-6013	Medical Secretaries	10,258	10,994	736	\$ 14.89	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
41-3021	Insurance Sales Agents	10,127	10,887	760	\$ 22.28	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
41-3099	Sales Representatives, Services, All Other	10,042	10,528	487	\$ 21.69	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
31-9092	Medical Assistants	8,840	9,775	935	\$ 14.52	Postsecondary nanodegree award	None	None	
33-3051	Police and Sheriff's Patrol Officers	8,630	9,311	681	\$ 20.71	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
47-2111	Electricians	7,764	8,493	729	\$ 23.21	High school diploma or equivalent	None	Apprenticeship	Y
23-1011	Lawyers	8,277	8,437	160	\$ 42.13	Doctoral or professional degree	None	None	
47-2152	Plumbers, Pipefitters, and Steamfitters	7,546	8,357	811	\$ 22.89	High school diploma or equivalent	None	Apprenticeship	Y
11-9199	Managers, All Other	7,620	8,312	692	\$ 27.39	Bachelor's degree	Less than 5 years	None	Y
47-2073	Operating Engineers and Other Construction Equipment Operators	6,928	7,776	848	\$ 18.59	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	7,333	7,699	367	\$ 31.41	High school diploma or equivalent	Less than 5 years	None	Y
15-1151	Computer User Support Specialists	7,343	7,691	348	\$ 21.17	Some college, no degree	None	None	Y
13-1071	Human Resources Specialists	7,272	7,611	339	\$ 24.45	Bachelor's degree	None	None	
11-3031	Financial Managers	6,717	7,465	748	\$ 46.17	Bachelor's degree	5 years or more	None	
11-9111	Medical and Health Services Managers	6,740	7,191	451	\$ 37.86	Bachelor's degree	Less than 5 years	None	
11-3011	Administrative Services Managers	6,841	7,074	233	\$ 39.40	Bachelor's degree	Less than 5 years	None	
13-1111	Management Analysts	6,302	7,055	753	\$ 36.28	Bachelor's degree	Less than 5 years	None	
43-5061	Production, Planning, and Expediting Clerks	6,543	6,891	347	\$ 22.89	High school diploma or equivalent	None	Moderate-term on-the-job training	
21-1021	Child, Family, and School Social Workers	6,455	6,716	262	\$ 16.89	Bachelor's degree	None	None	
41-9022	Real Estate Sales Agents	6,372	6,609	237	\$ 19.51	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
13-1161	Market Research Analysts and Marketing Specialists	5,360	6,088	727	\$ 25.73	Bachelor's degree	None	None	
51-4041	Machinists	5,429	5,896	467	\$ 20.66	High school diploma or equivalent	None	Long-term on-the-job training	Y
49-3011	Aircraft Mechanics and Service Technicians	5,613	5,870	257	\$ 28.59	Postsecondary nanodegree award	None	None	
49-9041	Industrial Machinery Mechanics	4,996	5,630	634	\$ 24.71	High school diploma or equivalent	None	Long-term on-the-job training	Y
15-1132	Software Developers, Applications	4,801	5,613	812	\$ 40.68	Bachelor's degree	None	None	
	First-line Supervisors of Transportation and Material Moving Workers, Except								
53-1048	Aircraft Cargo Handling Supervisors	5,105	5,531	426	\$ 24.41	High school diploma or equivalent	Less than 5 years	None	
13-1151	Training and Development Specialists	4,817	5,021	203	\$ 24.97	Bachelor's degree	Less than 5 years	None	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4,417	4,863	446	\$ 19.40	Postsecondary nondegree award	None	Long-term on-the-job training	
49-9043	Maintenance Workers, Machinery	4,360	4,638	278	\$ 23.26	High school diploma or equivalent	None	Long-term on-the-job training	Y
31-9091	Dental Assistants	4,174	4,490	316	\$ 17.40	Postsecondary nondegree award	None	None	

2020-2022 Oklahoma Critical Occupations

SOC	Description	2019 Jobs	2025 Jobs	Change (2019 - 2025)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training	Certificate available for HS or Less
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,188	4,464	276	\$ 20.00	High school diploma or equivalent	None	Long-term on-the-job training	Y
29-2018	Clinical Laboratory Technologists and Technicians	4,078	4,414	337	\$ 22.48	Bachelor's degree	None	None	
43-4131	Loan Interviewers and Clerks	4,178	4,351	174	\$ 15.48	High school diploma or equivalent	None	Short-term on-the-job training	Y
13-1081	Logisticians	4,086	4,337	250	\$ 35.14	Bachelor's degree	None	None	
13-1041	Compliance Officers	4,098	4,283	184	\$ 26.24	Bachelor's degree	None	Moderate-term on-the-job training	
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	3,725	4,245	520	\$ 22.23	Bachelor's degree	None	None	
13-2072	Loan Officers	3,966	4,135	169	\$ 29.41	Bachelor's degree	None	Moderate-term on-the-job training	
33-2011	Firefighters	3,704	4,045	342	\$ 20.18	Postsecondary nondegree award	None	Long-term on-the-job training	
29-2041	Emergency Medical Technicians and Paramedics	3,627	3,967	340	\$ 14.65	Postsecondary nondegree award	None	None	
21-1012	Educational, Guidance, School, and Vocational Counselors	3,847	3,899	52	\$ 20.43	Master's degree	None	None	
11-3021	Computer and Information Systems Managers	3,562	3,782	219	\$ 51.85	Bachelor's degree	5 years or more	None	
29-2071	Medical Records and Health Information Technicians	3,437	3,616	179	\$ 16.97	Postsecondary nondegree award	None	None	
25-3097	Teachers and Instructors, All Other	3,358	3,596	239	\$ 17.50	Bachelor's degree	None	None	
11-9141	Property, Real Estate, and Community Association Managers	3,348	3,515	167	\$ 30.97	High school diploma or equivalent	Less than 5 years	None	Y
15-1199	Computer Occupations, All Other	3,091	3,340	250	\$ 37.48	Bachelor's degree	None	None	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	3,233	3,339	106	\$ 18.42	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
11-9032	Education Administrators, Elementary and Secondary School	3,315	3,336	21	\$ 33.81	Master's degree	5 years or more	None	
23-2011	Paralegals and Legal Assistants	3,092	3,315	223	\$ 21.82	Associate's degree	None	None	
17-2141	Mechanical Engineers	2,978	3,288	309	\$ 40.47	Bachelor's degree	None	None	
	Electrical, Electronic, and Electromechanical Assemblers, Except Coil								
51-2028	Winders, Tapers, and Finishers	3,137	3,226	89	\$ 15.24	High school diploma or equivalent	None	Moderate-term on-the-job training	
47-4051	Highway Maintenance Workers	3,009	3,192	184	\$ 15.85	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
15-1142	Network and Computer Systems Administrators	3,072	3,175	103	\$ 32.97	Bachelor's degree	None	None	
11-2022	Sales Managers	2,939	3,145	207	\$ 43.98	Bachelor's degree	Less than 5 years	None	
29-1069	Physicians and Surgeons, All Other	2,913	3,122	208	\$ 57.86	Doctoral or professional degree	None	Internship/residency	
29-1062	Family and General Practitioners	2,800	2,888	87	\$ 101.88	Doctoral or professional degree	None	Internship/residency	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	2,382	2,816	435	\$ 22.86	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
17-2051	Civil Engineers	2,649	2,813	163	\$ 40.47	Bachelor's degree	None	None	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,543	2,787	243	\$ 22.47	High school diploma or equivalent	None	Long-term on-the-job training	Y
29-1123	Physical Therapists	2,511	2,781	269	\$ 41.50	Doctoral or professional degree	None	None	
33-1012	First-Line Supervisors of Police and Detectives	2,507	2,653	147	\$ 35.25	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	Y
29-2034	Radiologic Technologists	2,486	2,608	121	\$ 26.12	Associate's degree	None	None	
29-2021	Dental Hygienists	2,372	2,570	198	\$ 37.08	Associate's degree	None	None	
47-4011	Construction and Building Inspectors	2,329	2,486	157	\$ 23.44	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,307	2,443	136	\$ 18.05	High school diploma or equivalent	None	Moderate-term on-the-job training	
43-9041	Insurance Claims and Policy Processing Clerks	2,309	2,343	34	\$ 18.79	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,162	2,304	143	\$ 16.31	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
13-1051	Cost Estimators	2,083	2,263	180	\$ 28.97	Bachelor's degree	None	Moderate-term on-the-job training	
11-9041	Architectural and Engineering Managers	2,044	2,223	179	\$ 60.08	Bachelor's degree	5 years or more	None	
49-9051	Electrical Power-Line Installers and Repairers	2,105	2,221	115	\$ 26.89	High school diploma or equivalent	None	Long-term on-the-job training	Y

2020-2022 Oklahoma Critical Occupations

SOC	Description	2019 Jobs	2025 Jobs	Change (2019 - 2025)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training	Certificate available for HS or Less
17-2112	Industrial Engineers	1,792	2,178	386	\$ 39.56	Bachelor's degree	None	None	
29-1127	Speech-Language Pathologists	1,905	2,156	251	\$ 31.89	Master's degree	None	Internship/residency	
21-1022	Healthcare Social Workers	2,026	2,128	103	\$ 22.27	Master's degree	None	Internship/residency	
27-1024	Graphic Designers	2,056	2,111	55	\$ 18.23	Bachelor's degree	None	None	
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,967	2,084	116	\$ 16.36	High school diploma or equivalent	None	Moderate-term on-the-job training	
17-2171	Petroleum Engineers	1,946	2,062	117	\$ 62.05	Bachelor's degree	None	None	
11-3051	Industrial Production Managers	1,916	2,053	137	\$ 45.93	Bachelor's degree	5 years or more	None	
51-8031	Water and Wastewater Treatment Plant and System Operators	1,974	2,041	67	\$ 16.46	High school diploma or equivalent	None	Long-term on-the-job training	
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,915	2,021	107	\$ 22.10	Bachelor's degree	None	Moderate-term on-the-job training	
13-2082	Tax Preparers	1,809	1,954	146	\$ 19.87	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
29-1171	Nurse Practitioners	1,680	1,929	249	\$ 50.05	Master's degree	None	None	
13-2051	Financial Analysts	1,740	1,906	166	\$ 30.35	Bachelor's degree	None	None	
13-2052	Personal Financial Advisors	1,696	1,830	134	\$ 30.78	Bachelor's degree	None	Long-term on-the-job training	
11-3121	Human Resources Managers	1,724	1,825	101	\$ 40.90	Bachelor's degree	5 years or more	None	
31-9097	Phlebotomists	1,516	1,799	283	\$ 14.60	Postsecondary nondegree award	None	None	
11-3071	Transportation, Storage, and Distribution Managers	1,647	1,770	124	\$ 34.90	High school diploma or equivalent	5 years or more	None	Y
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,572	1,695	124	\$ 19.70	High school diploma or equivalent	None	Moderate-term on-the-job training	Y
29-9011	Occupational Health and Safety Specialists	1,561	1,673	112	\$ 31.31	Bachelor's degree	None	None	
29-1071	Physician Assistants	1,446	1,669	223	\$ 49.95	Master's degree	None	None	
31-2021	Physical Therapist Assistants	1,470	1,648	178	\$ 28.95	Associate's degree	None	None	
17-2071	Electrical Engineers	1,474	1,638	164	\$ 46.03	Bachelor's degree	None	None	
29-1131	Veterinarians	1,449	1,625	176	\$ 38.01	Doctoral or professional degree	None	None	
11-2021	Marketing Managers	1,469	1,621	151	\$ 46.72	Bachelor's degree	5 years or more	None	
15-1141	Database Administrators	1,528	1,565	36	\$ 31.84	Bachelor's degree	None	None	

Source: EMSI: 2020.3