

SOC	Occupation Title	Median Annual Wage	2015-2025 Growth Rate (%)	Annual Avg. Openings	Related College Awards (IPEDS, 2015)	Typical Entry Education Level	Add'l Training	Existing Registered Apprenticeship in CO	Recognized as Apprenticeable by USDOL	Licensed Occupation	STEM	Tier
11-2021	Marketing Managers	\$135,990	25.68	146	N/A	Bachelor's degree	None					1
11-3021	Computer and Information Systems Managers	\$146,478	33.65	301	N/A	Bachelor's degree	None		X		X	1
11-3121	Human Resources Managers	\$125,204	29.41	94	N/A	Bachelor's degree	None					1
11-9013	Farmers, Ranchers, and Other Agricultural Managers	\$41,868	33.71	509	415	High school diploma or equivalent	None		X		X	2
11-9021	Construction Managers	\$85,877	24.43	406	N/A	Bachelor's degree	Moderate-term on-the-job training				X	1
11-9031	Education Administrators, Preschool and Childcare Center/Program	\$43,184	42.96	50	N/A	Bachelor's degree	None			X		2
11-9051	Food Service Managers	\$58,297	24.81	145	143**	High school diploma or equivalent	None	X	X			1
11-9111	Medical and Health Services Managers	\$102,382	36.79	270	616	Bachelor's degree	None		X			1
11-9151	Social and Community Service Managers	\$65,367	28.06	103	129	Bachelor's degree	None					1
13-1051	Cost Estimators	\$61,916	31.63	297	837	Bachelor's degree	None				X	1
13-1111	Management Analysts	\$81,063	33.22	504	7,833	Bachelor's degree	None					1
13-1151	Training and Development Specialists	\$64,472	25.44	282	407	Bachelor's degree	None					1
13-1161	Market Research Analysts and Marketing Specialists	\$68,377	35.05	675	343	Bachelor's degree	None					1
13-2011	Accountants and Auditors	\$67,631	29.15	2,111	1,242*	Bachelor's degree	None			X	X	1
13-2021	Appraisers and Assessors of Real Estate	\$55,528	27.26	109	N/A	Bachelor's degree	Long-term on-the-job training			X	X	1
13-2051	Financial Analysts	\$76,512	33.62	232	*	Bachelor's degree	None				X	1
13-2052	Personal Financial Advisors	\$82,396	45.64	355	*	Bachelor's degree	Long-term on-the-job training				X	1
15-1121	Computer Systems Analysts	\$90,021	40.95	484	107*	Bachelor's degree	None		X		X	1
15-1122	Information Security Analysts	\$98,142	40.74	95	198*	Bachelor's degree	None				X	1
15-1132	Software Developers, Applications	\$102,195	36.85	1,249	236*	Bachelor's degree	None		X		X	1
15-1133	Software Developers, Systems Software	\$108,278	35.04	659	236*	Bachelor's degree	None				X	1
15-1134	Web Developers	\$55,542	50.05	210	257	Associate's degree	None				X	1

15-1141	Database Administrators	\$96,790	32.21	132	318*	Bachelor's degree	None		X		X	1
15-1142	Network and Computer Systems Administrators	\$80,261	25.04	432	686*	Bachelor's degree	None		X		X	1
15-1151	Computer User Support Specialists	\$53,017	30.79	603	12	Some college, no degree	None		X		X	1
15-2031	Operations Research Analysts	\$84,967	45.53	61	140	Bachelor's degree	None				X	1
17-1011	Architects, Except Landscape and Naval	\$66,327	30.22	164	232	Bachelor's degree	Internship/residency			X	X	1
17-1021	Cartographers and Photogrammetrists	\$67,260	43.88	55	106	Bachelor's degree	None		X			1
17-2011	Aerospace Engineers	\$123,878	24.66	121	254	Bachelor's degree	None			X	X	1
17-2051	Civil Engineers	\$80,362	29.28	507	473	Bachelor's degree	None			X	X	1
17-2061	Computer Hardware Engineers	\$108,114	29.96	197	85	Bachelor's degree	None			X	X	1
17-2071	Electrical Engineers	\$93,620	25.24	186	431	Bachelor's degree	None			X	X	1
17-2081	Environmental Engineers	\$90,384	42.35	161	116	Bachelor's degree	None			X	X	1
17-2141	Mechanical Engineers	\$82,772	30.43	398	837	Bachelor's degree	None		X	X	X	1
17-3022	Civil Engineering Technicians	\$46,696	25.24	57	120	Associate's degree	None				X	2
19-1042	Medical Scientists, Except Epidemiologists	\$56,385	27.11	71	759	Doctoral or professional degree	None				X	1
19-2021	Atmospheric and Space Scientists	\$93,654	38.22	99	52	Bachelor's degree	None		X		X	1
19-2041	Environmental Scientists and Specialists, Including Health	\$75,433	27.88	183	415	Bachelor's degree	None		X		X	1
19-3031	Clinical, Counseling, and School Psychologists	\$74,233	38.42	228	112	Doctoral or professional degree	Internship/residency			X		1
19-4091	Environmental Science and Protection Technicians, Including Health	\$43,106	26.22	62	17	Associate's degree	None		X		X	2
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$41,226	40.32	77	N/A	Bachelor's degree	None			X		2
21-1012	Educational, Guidance, School, and Vocational Counselors	\$46,691	25.40	211	133	Master's degree	None		X	X		2
21-1014	Mental Health Counselors	\$44,949	40.19	342	58	Master's degree	Internship/residency					2
21-1015	Rehabilitation Counselors	\$36,465	35.09	78	10	Master's degree	None			X		2
21-1021	Child, Family, and School Social Workers	\$44,604	29.16	351	709	Bachelor's degree	None			X		2
21-1022	Healthcare Social Workers	\$52,162	39.68	135	39	Master's degree	None			X		1
21-1023	Mental Health and Substance Abuse Social Workers	\$39,362	41.26	117	N/A	Bachelor's degree	None			X		2
21-1029	Social Workers, All Other	\$47,339	26.70	67	709	Bachelor's degree	None			X		2
21-1091	Health Educators	\$51,493	33.12	41	5	Bachelor's degree	None		X			1
21-1093	Social and Human Service Assistants	\$32,592	31.85	134	153	High school diploma or equivalent	Short-term on-the-job training		X			2

21-1099	Community and Social Service Specialists, All Other	\$38,788	28.08	149	233	Master's degree	None						2
23-1011	Lawyers	\$111,139	25.03	598	486	Doctoral or professional degree	None			X			1
23-2011	Paralegals and Legal Assistants	\$50,069	30.07	327	270	Associate's degree	None		X				1
25-1011	Business Teachers, Postsecondary	\$75,439	24.77	65	N/A	Doctoral or professional degree	None					X	1
25-1022	Mathematical Science Teachers, Postsecondary	\$45,094	33.52	55	N/A	Doctoral or professional degree	None					X	2
25-1032	Engineering Teachers, Postsecondary	\$80,511	29.76	56	N/A	Doctoral or professional degree	None					X	1
25-1042	Biological Science Teachers, Postsecondary	\$58,345	32.68	46	N/A	Doctoral or professional degree	None					X	1
25-1071	Health Specialties Teachers, Postsecondary	\$110,899	37.00	279	N/A	Doctoral or professional degree	None					X	1
25-1072	Nursing Instructors and Teachers, Postsecondary	\$62,272	37.42	69	N/A	Master's degree	None					X	1
25-1081	Education Teachers, Postsecondary	\$54,338	25.17	51	N/A	Doctoral or professional degree	None						1
25-1121	Art, Drama, and Music Teachers, Postsecondary	\$53,355	27.02	101	N/A	Master's degree	None						1
25-1123	English Language and Literature Teachers, Postsecondary	\$44,615	26.67	63	N/A	Doctoral or professional degree	None						2
25-2011	Preschool Teachers, Except Special Education	\$27,265	42.65	553	756	Associate's degree	None						2
25-2021	Self-Enrichment Education Teachers	\$36,374	31.26	333	N/A	High school diploma or equivalent	None						2
25-9041	Teacher Assistants	\$26,718	24.34	901	1	Some college, no degree	None		X				2
27-1025	Interior Designers	\$46,215	27.91	113	119	Bachelor's degree	None		X				2
27-3042	Technical Writers	\$68,328	28.28	72	97	Bachelor's degree	Short-term on-the-job training						1
27-3091	Interpreters and Translators	\$52,609	61.51	136	N/A	Bachelor's degree	Short-term on-the-job training						1
27-4011	Audio and Video Equipment Technicians	\$36,495	27.62	55	51	Postsecondary non-degree award	Short-term on-the-job training		X				2
27-4021	Photographers	\$27,137	25.41	112	95	High school diploma or equivalent	Long-term on-the-job training		X				2
29-1011	Chiropractors	\$49,414	27.68	69	N/A	Doctoral or professional degree	None			X	X		1

29-1021	Dentists, General	\$158,229	28.39	125	116	Doctoral or professional degree	None			X	X	1
29-1031	Dietitians and Nutritionists	\$58,097	33.85	43	366	Bachelor's degree	Internship/residency				X	1
29-1041	Optometrists	\$116,133	40.02	73	N/A	Doctoral or professional degree	None			X	X	1
29-1051	Pharmacists	\$120,798	26.02	275	250	Doctoral or professional degree	None			X	X	1
29-1067	Surgeons	\$192,958	33.79	79	*	Doctoral or professional degree	Internship/residency			X	X	1
29-1069	Physicians and Surgeons, All Other	\$192,942	28.71	157	*	Doctoral or professional degree	Internship/residency			X	X	1
29-1071	Physician Assistants	\$96,631	49.07	174	73	Master's degree	None			X	X	1
29-1122	Occupational Therapists	\$80,015	42.22	171	48	Master's degree	None			X		1
29-1123	Physical Therapists	\$74,630	53.30	389	146	Doctoral or professional degree	None			X	X	1
29-1126	Respiratory Therapists	\$58,199	36.38	109	82	Associate's degree	None			X	X	1
29-1127	Speech-Language Pathologists	\$82,736	32.24	187	185	Master's degree	None			X		1
29-1131	Veterinarians	\$76,607	31.19	115	144	Doctoral or professional degree	None			X	X	1
29-1141	Registered Nurses	\$68,542	39.59	2,981	2,611	Bachelor's degree	None			X	X	1
29-1171	Nurse Practitioners	\$101,078	54.87	195	316	Master's degree	None			X	X	1
29-1199	Health Diagnosing and Treating Practitioners, All Other	\$48,895	44.76	85	153	Master's degree	None			X	X	1
29-2011	Medical and Clinical Laboratory Technologists	\$63,735	34.62	154	56*	Bachelor's degree	None			X	X	1
29-2012	Medical and Clinical Laboratory Technicians	\$38,245	39.04	131	56*	Associate's degree	None		X		X	2
29-2021	Dental Hygienists	\$81,407	28.67	214	125	Associate's degree	None			X		1
29-2031	Cardiovascular Technologists and Technicians	\$66,765	50.16	43	N/A	Associate's degree	None				X	1
29-2032	Diagnostic Medical Sonographers	\$79,843	50.45	62	17	Associate's degree	None				X	1
29-2034	Radiologic Technologists and Technicians	\$60,793	29.27	159	199	Associate's degree	None		X		X	1
29-2041	Emergency Medical Technicians and Paramedics	\$36,307	39.04	236	1,407	Postsecondary non-degree award	None		X		X	2
29-2052	Pharmacy Technicians	\$33,436	30.68	202	230	High school diploma or equivalent	Moderate-term on-the-job training		X			2
29-2055	Surgical Technologists	\$48,261	40.15	72	68	Postsecondary non-degree award	None		X	X		1
29-2056	Veterinary Technologists and Technicians	\$29,894	42.84	181	528	Associate's degree	None					2

29-2061	Licensed Practical and Licensed Vocational Nurses	\$46,536	28.62	312	272	Postsecondary non-degree award	None		X	X			2
29-2071	Medical Records and Health Information Technicians	\$45,612	34.07	128	145	Postsecondary non-degree award	None		X				2
29-2081	Opticians, Dispensing	\$34,855	39.52	88	N/A	High school diploma or equivalent	Long-term on-the-job training		X				2
29-2099	Health Technologists and Technicians, All Other	\$39,534	44.05	166	104**	High school diploma or equivalent	None	X	X	X	X		2
31-1011	Home Health Aides	\$24,000	56.73	1,004	9	No formal educational credential	Short-term on-the-job training		X				2
31-1014	Nursing Assistants	\$28,709	34.31	1,118	1,936	Postsecondary non-degree award	None		X	X			2
31-2011	Occupational Therapy Assistants	\$49,280	40.28	40	73	Associate's degree	None						1
31-2021	Physical Therapist Assistants	\$51,481	50.70	85	85	Associate's degree	None						1
31-9011	Massage Therapists	\$40,976	40.79	428	839	Postsecondary non-degree award	None				X		2
31-9091	Dental Assistants	\$37,342	28.53	334	629**	Postsecondary non-degree award	None	X	X				2
31-9092	Medical Assistants	\$32,779	37.15	548	1,328**	Postsecondary non-degree award	None	X	X				2
31-9093	Medical Equipment Preparers	\$36,209	37.76	57	N/A	High school diploma or equivalent	Moderate-term on-the-job training					X	2
31-9094	Medical Transcriptionists	\$41,947	25.00	49	N/A	Postsecondary non-degree award	None		X				2
31-9097	Phlebotomists	\$34,625	44.47	122	242	Postsecondary non-degree award	None		X				2
33-9091	Crossing Guards	\$25,591	26.67	76	N/A	No formal educational credential	Short-term on-the-job training						2
35-1011	Chefs and Head Cooks	\$45,185	25.86	105	666	High school diploma or equivalent	None		X				2
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	\$34,920	29.75	879	156	High school diploma or equivalent	None		X				2
39-1021	First-Line Supervisors of Personal Service Workers	\$36,215	27.46	268	N/A	High school diploma or equivalent	None						2
39-5011	Barbers	\$29,977	33.98	132	120**	Postsecondary non-degree award	None	X	X	X			2
39-5094	Skincare Specialists (Estheticians)	\$27,927	32.38	65	496	Postsecondary non-degree award	None				X		2

39-9011	Childcare Workers	\$23,864	33.31	843	222**	High school diploma or equivalent	Short-term on-the-job training	X	X				2
43-3021	Billing and Posting Clerks and Machine Operators	\$38,267	31.91	324	419	High school diploma or equivalent	Moderate-term on-the-job training						2
43-4051	Customer Service Representatives	\$32,998	27.69	2,394	N/A	High school diploma or equivalent	Short-term on-the-job training						2
43-4111	Interviewers, Except Eligibility and Loan	\$33,574	26.15	213	N/A	High school diploma or equivalent	Short-term on-the-job training						2
43-4171	Receptionists and Information Clerks	\$29,256	25.25	1,081	N/A	High school diploma or equivalent	Short-term on-the-job training						2
43-5021	Couriers and Messengers	\$27,991	30.57	54	N/A	High school diploma or equivalent	Short-term on-the-job training						2
43-6013	Medical Secretaries	\$35,503	36.96	342	826	High school diploma or equivalent	Moderate-term on-the-job training		X				2
45-2091	Agricultural Equipment Operators	\$32,177	39.44	47	N/A**	No formal educational credential	Short-term on-the-job training	X	X			X	2
47-1011	First-Line Supervisors of Construction Trades and Extraction Work	\$64,462	25.70	500	N/A	High school diploma or equivalent	None						1
47-2021	Brickmasons and Blockmasons	\$48,776	53.55	109	16**	High school diploma or equivalent	Apprenticeship	X	X				1
47-2031	Carpenters	\$41,866	31.34	861	62**	High school diploma or equivalent	Apprenticeship	X	X			X	2
47-2044	Tile and Marble Setters	\$37,287	35.93	60	16**	No formal educational credential	Long-term on-the-job training	X	X				2
47-2051	Cement Masons and Concrete Finishers	\$36,876	42.39	260	N/A**	No formal educational credential	Moderate-term on-the-job training	X	X			X	2
47-2061	Construction Laborers	\$32,085	32.76	1,477	N/A**	No formal educational credential	Short-term on-the-job training	X	X				2

47-2073	Operating Engineers and Other Construction Equipment Operators	\$44,832	27.73	413	15**	High school diploma or equivalent	Moderate-term on-the-job training	X	X				2
47-2081	Drywall and Ceiling Tile Installers	\$40,697	33.29	125	N/A**	No formal educational credential	Moderate-term on-the-job training	X	X		X		2
47-2111	Electricians	\$46,220	45.38	1,056	681**	High school diploma or equivalent	Apprenticeship	X	X	X			2
47-2121	Glaziers	\$42,203	29.80	42	6**	High school diploma or equivalent	Apprenticeship	X	X				2
47-2131	Insulation Workers, Floor, Ceiling, and Wall	\$34,618	34.49	45	N/A**	No formal educational credential	Short-term on-the-job training	X	X				2
47-2141	Painters, Construction and Maintenance	\$36,317	35.26	327	6**	No formal educational credential	Moderate-term on-the-job training	X	X				2
47-2151	Pipelayers	\$37,049	27.84	44	N/A	No formal educational credential	Short-term on-the-job training						2
47-2152	Plumbers, Pipefitters, and Steamfitters	\$47,699	38.39	476	56**	High school diploma or equivalent	Apprenticeship	X	X	X	X		1
47-2181	Roofers	\$36,234	42.96	194	N/A	No formal educational credential	Moderate-term on-the-job training		X				2
47-2211	Sheet Metal Workers	\$43,524	35.77	210	41**	High school diploma or equivalent	Apprenticeship	X	X		X		2
47-2221	Structural Iron and Steel Workers	\$41,380	27.48	40	N/A**	High school diploma or equivalent	Apprenticeship	X	X		X		2
47-4099	Construction and Related Workers, All Other	\$34,634	33.85	48	17**	High school diploma or equivalent	Moderate-term on-the-job training	X	X				2
49-2098	Security and Fire Alarm Systems Installers	\$42,646	31.97	73	N/A	High school diploma or equivalent	Moderate-term on-the-job training		X				2
49-3021	Automotive Body and Related Repairers	\$47,546	27.11	141	269**	High school diploma or equivalent	Long-term on-the-job training	X	X				2
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$48,203	30.47	224	230**	High school diploma or equivalent	Long-term on-the-job training	X	X				1

49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$54,243	44.41	329	280**	Postsecondary non-degree award	Long-term on-the-job training	X	X		X	1
49-9041	Industrial Machinery Mechanics	\$53,941	33.97	349	0**	High school diploma or equivalent	Long-term on-the-job training	X	X		X	1
51-3011	Bakers	\$23,878	27.66	200	266**	No formal educational credential	Long-term on-the-job training	X	X			2
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$37,035	39.11	66	141*	High school diploma or equivalent	Moderate-term on-the-job training		X			2
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$42,161	26.17	86	N/A**	High school diploma or equivalent	Moderate-term on-the-job training	X	X			2
51-9111	Packaging and Filling Machine Operators and Tenders	\$26,413	24.91	268	N/A	High school diploma or equivalent	Moderate-term on-the-job training					2
51-9122	Painters, Transportation Equipment	\$44,576	26.65	42	N/A	High school diploma or equivalent	Moderate-term on-the-job training		X			2
53-3041	Taxi Drivers and Chauffeurs	\$25,440	28.45	175	N/A	No formal educational credential	Short-term on-the-job training					2