

2012 - 2022 Balance of State¹ Occupational Projections

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2012 Estimated	2022 Projected	Numeric	Percent	Due To Growth	Due to Separations	Total ³
00-0000	Total, All Occupations	404,057	463,616	59,559	14.7%	6,300	9,635	15,935
11-0000	Management Occupations	30,646	32,203	1,557	5.1%	351	603	954
11-1000	Top Executives	8,190	9,519	1,329	16.2%	133	156	289
11-1011	Chief Executives	894	946	52	5.8%	5	19	24
11-1021	General and Operations Managers	7,052	8,320	1,268	18.0%	127	132	259
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,168	1,379	211	18.1%	21	25	46
11-2021	Marketing Managers	236	273	37	15.7%	4	5	9
11-2022	Sales Managers	763	910	147	19.3%	15	16	31
11-3000	Operations Specialties Managers	3,253	3,822	569	17.5%	57	62	119
11-3011	Administrative Services Managers	665	785	120	18.1%	12	11	23
11-3021	Computer and Information Systems Managers	473	546	73	15.4%	7	7	14
11-3031	Financial Managers	922	1,090	168	18.2%	17	17	34
11-3051	Industrial Production Managers	305	350	45	14.8%	4	6	10
11-3071	Transportation, Storage, and Distribution Managers	373	444	71	19.0%	7	8	15
11-3121	Human Resources Managers	287	344	57	19.9%	6	8	14
11-9000	Other Management Occupations	18,035	17,483	-552	-3.1%	140	360	500
11-9021	Construction Managers	1,248	1,537	289	23.2%	29	20	49
11-9032	Education Administrators, Elementary and Secondary School	846	974	128	15.1%	13	22	35
11-9041	Architectural and Engineering Managers	253	275	22	8.7%	2	6	8
11-9111	Medical and Health Services Managers	1,044	1,292	248	23.8%	25	25	50
11-9121	Natural Sciences Managers	179	185	6	3.4%	1	4	5
11-9141	Property, Real Estate, and Community Association Managers	1,121	1,324	203	18.1%	20	25	45
11-9151	Social and Community Service Managers	333	383	50	15.0%	5	7	12
11-9199	Managers, All Other	3,299	3,389	90	2.7%	9	72	81
13-0000	Business and Financial Operations Occupations	14,727	17,115	2,388	16.2%	239	288	527
13-1000	Business Operations Specialists	10,048	11,670	1,622	16.1%	163	174	337
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	730	794	64	8.8%	6	13	19
13-1041	Compliance Officers	1,255	1,273	18	1.4%	2	23	25
13-1051	Cost Estimators	471	665	194	41.2%	19	15	34
13-1071	Human Resources Specialists	921	978	57	6.2%	6	17	23
13-1141	Compensation, Benefits, and Job Analysis Specialists	119	132	13	10.9%	1	2	3
13-1161	Market Research Analysts and Marketing Specialists	749	1,028	279	37.3%	28	10	38
13-1199	Business Operations Specialists, All Other	1,894	2,009	115	6.1%	12	26	38
13-2000	Financial Specialists	4,679	5,445	766	16.4%	77	115	192
13-2011	Accountants and Auditors	2,362	2,733	371	15.7%	37	70	107
15-0000	Computer and Mathematical Occupations	6,093	7,110	1,017	16.7%	105	101	206
15-1100	Computer Occupations	5,891	6,858	967	16.4%	100	96	196
15-1131	Computer Programmers	448	480	32	7.1%	3	12	15
15-1141	Database Administrators	203	248	45	22.2%	4	4	8
15-1142	Network and Computer Systems Administrators	653	752	99	15.2%	10	10	20

15-1151	Computer User Support Specialists	990	1,188	198	20.0%	20	16	36
15-1152	Computer Network Support Specialists	448	490	42	9.4%	4	7	11
17-1000	Architects, Surveyors, and Cartographers	458	506	48	10.5%	5	10	15
17-1022	Surveyors	268	290	22	8.2%	2	6	8
17-2000	Engineers	2,393	2,739	346	14.5%	35	59	94
17-2051	Civil Engineers	568	683	115	20.3%	12	14	26
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	2,489	2,805	316	12.7%	33	47	80
19-0000	Life, Physical, and Social Science Occupations	5,485	5,650	165	3.0%	24	173	197
19-1000	Life Scientists	1,436	1,433	-3	-0.2%	3	42	45
19-3000	Social Scientists and Related Workers	992	1,073	81	8.2%	9	26	35
19-3031	Clinical, Counseling, and School Psychologists	382	432	50	13.1%	5	10	15
19-3051	Urban and Regional Planners	164	178	14	8.5%	1	7	8
21-0000	Community and Social Service Occupations	5,432	6,263	831	15.3%	84	125	209
21-1000	Counselors, Social Workers, and Other Community and Social Service Speci	5,299	6,113	814	15.4%	82	123	205
21-1012	Educational, Guidance, School, and Vocational Counselors	791	951	160	20.2%	16	17	33
21-1022	Healthcare Social Workers	215	271	56	26.1%	6	5	11
21-1099	Community and Social Service Specialists, All Other	248	294	46	18.6%	5	6	11
23-1000	Lawyers, Judges, and Related Workers	1,315	1,477	162	12.3%	16	21	37
23-1011	Lawyers	1,042	1,199	157	15.1%	16	17	33
23-2000	Legal Support Workers	994	1,180	186	18.7%	19	16	35
23-2011	Paralegals and Legal Assistants	404	498	94	23.3%	9	7	16
25-0000	Education, Training, and Library Occupations	27,335	32,471	5,136	18.8%	515	560	1,075
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	10,968	13,162	2,194	20.0%	219	261	480
25-2011	Preschool Teachers, Except Special Education	633	762	129	20.4%	13	18	31
25-2012	Kindergarten Teachers, Except Special Education	506	624	118	23.3%	12	14	26
25-2021	Elementary School Teachers, Except Special Education	4,099	5,047	948	23.1%	95	90	185
25-2022	Middle School Teachers, Except Special and Career/Technical Education	1,517	1,868	351	23.1%	35	33	68
25-3000	Other Teachers and Instructors	4,263	4,779	516	12.1%	52	73	125
25-4021	Librarians	422	481	59	14.0%	6	10	16
25-9000	Other Education, Training, and Library Occupations	5,324	6,139	815	15.3%	83	103	186
25-9031	Instructional Coordinators	950	1,149	199	21.0%	20	8	28
25-9041	Teacher Assistants	4,049	4,681	632	15.6%	63	92	155
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	4,766	5,513	747	15.7%	75	111	186
27-1000	Art and Design Workers	1,217	1,405	188	15.5%	19	32	51
27-2000	Entertainers and Performers, Sports and Related Workers	1,433	1,717	284	19.8%	28	43	71
27-3000	Media and Communication Workers	1,493	1,698	205	13.7%	20	29	49
27-3031	Public Relations Specialists	649	712	63	9.7%	6	9	15
27-4000	Media and Communication Equipment Workers	623	693	70	11.2%	8	9	17
29-0000	Healthcare Practitioners and Technical Occupations	21,939	27,054	5,115	23.3%	512	444	956
29-1000	Health Diagnosing and Treating Practitioners	13,444	16,514	3,070	22.8%	307	276	583
29-1031	Dietitians and Nutritionists	154	187	33	21.4%	3	2	5
29-1051	Pharmacists	670	782	112	16.7%	11	16	27
29-1069	Physicians and Surgeons, All Other	716	845	129	18.0%	13	18	31
29-1122	Occupational Therapists	174	215	41	23.6%	4	2	6
29-2000	Health Technologists and Technicians	8,223	10,237	2,014	24.5%	201	160	361

29-2021	Dental Hygienists	438	592	154	35.2%	15	11	26
29-2052	Pharmacy Technicians	1,120	1,347	227	20.3%	23	11	34
29-2061	Licensed Practical and Licensed Vocational Nurses	996	1,232	236	23.7%	24	24	48
29-2071	Medical Records and Health Information Technicians	974	1,175	201	20.6%	20	26	46
31-0000	Healthcare Support Occupations	9,444	11,715	2,271	24.1%	227	180	407
31-1000	Nursing, Psychiatric, and Home Health Aides	5,045	6,301	1,256	24.9%	126	96	222
31-1011	Home Health Aides	1,603	2,072	469	29.3%	47	30	77
31-1014	Nursing Assistants	3,348	4,108	760	22.7%	76	64	140
31-9000	Other Healthcare Support Occupations	4,136	5,063	927	22.4%	93	78	171
31-9091	Dental Assistants	962	1,184	222	23.1%	22	20	42
31-9092	Medical Assistants	1,798	2,321	523	29.1%	52	34	86
33-0000	Protective Service Occupations	17,286	18,421	1,135	6.6%	114	484	598
33-1000	Supervisors of Protective Service Workers	2,191	2,305	114	5.2%	11	75	86
33-1012	First-Line Supervisors of Police and Detectives	727	753	26	3.6%	3	22	25
33-1099	First-Line Supervisors of Protective Service Workers, All Other	276	301	25	9.1%	2	6	8
33-2000	Fire Fighting and Prevention Workers	3,041	3,160	119	3.9%	12	83	95
33-2011	Firefighters	2,977	3,093	116	3.9%	12	81	93
33-3051	Police and Sheriff's Patrol Officers	2,641	2,748	107	4.1%	11	83	94
33-9000	Other Protective Service Workers	3,455	3,934	479	13.9%	48	98	146
33-9032	Security Guards	2,260	2,669	409	18.1%	41	35	76
35-0000	Food Preparation and Serving Related Occupations	35,232	41,984	6,752	19.2%	675	1,308	1,983
35-1000	Supervisors of Food Preparation and Serving Workers	2,889	3,524	635	22.0%	64	77	141
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	2,548	3,137	589	23.1%	59	72	131
35-2000	Cooks and Food Preparation Workers	8,845	10,416	1,571	17.8%	157	190	347
35-2012	Cooks, Institution and Cafeteria	1,428	1,652	224	15.7%	22	28	50
35-2014	Cooks, Restaurant	3,627	4,568	941	25.9%	94	72	166
35-3000	Food and Beverage Serving Workers	19,020	22,837	3,817	20.1%	382	812	1,194
35-3011	Bartenders	2,119	2,533	414	19.5%	41	78	119
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	8,387	10,464	2,077	24.8%	208	320	528
35-3031	Waiters and Waitresses	7,306	8,475	1,169	16.0%	117	352	469
35-9000	Other Food Preparation and Serving Related Workers	4,478	5,207	729	16.3%	73	229	302
35-9021	Dishwashers	1,785	2,072	287	16.1%	29	79	108
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,029	1,188	159	15.5%	16	77	93
37-0000	Building and Grounds Cleaning and Maintenance Occupations	15,993	19,481	3,488	21.8%	349	332	681
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	1,526	1,881	355	23.3%	36	29	65
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	965	1,189	224	23.2%	22	23	45
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Wc	561	692	131	23.4%	13	6	19
37-2000	Building Cleaning and Pest Control Workers	10,993	13,388	2,395	21.8%	240	215	455
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,378	6,458	1,080	20.1%	108	101	209
37-2012	Maids and Housekeeping Cleaners	5,211	6,371	1,160	22.3%	116	103	219
37-3000	Grounds Maintenance Workers	3,474	4,212	738	21.2%	74	88	162
37-3011	Landscaping and Groundskeeping Workers	3,381	4,105	724	21.4%	72	85	157
39-0000	Personal Care and Service Occupations	13,241	15,377	2,136	16.1%	223	280	503
39-1000	Supervisors of Personal Care and Service Workers	1,112	1,189	77	6.9%	8	21	29
39-1021	First-Line Supervisors of Personal Service Workers	910	976	66	7.3%	7	17	24

39-2011	Animal Trainers	864	781	-83	-9.6%	0	38	38
39-3000	Entertainment Attendants and Related Workers	1,236	1,338	102	8.3%	11	48	59
39-9000	Other Personal Care and Service Workers	7,028	8,737	1,709	24.3%	171	102	273
39-9011	Childcare Workers	1,365	1,659	294	21.5%	29	40	69
41-0000	Sales and Related Occupations	42,252	47,613	5,361	12.7%	536	1,280	1,816
41-1000	Supervisors of Sales Workers	7,284	7,922	638	8.8%	64	149	213
41-1011	First-Line Supervisors of Retail Sales Workers	6,213	6,696	483	7.8%	48	135	183
41-1012	First-Line Supervisors of Non-Retail Sales Workers	1,071	1,226	155	14.5%	16	14	30
41-2000	Retail Sales Workers	24,891	27,722	2,831	11.4%	283	933	1,216
41-2011	Cashiers	10,333	11,166	833	8.1%	83	447	530
41-2022	Parts Salespersons	739	842	103	13.9%	10	19	29
41-2031	Retail Salespersons	13,026	14,819	1,793	13.8%	179	446	625
41-3000	Sales Representatives, Services	4,082	4,938	856	21.0%	86	99	185
41-3021	Insurance Sales Agents	1,370	1,595	225	16.4%	22	32	54
41-3099	Sales Representatives, Services, All Other	1,228	1,483	255	20.8%	26	34	60
41-4000	Sales Representatives, Wholesale and Manufacturing	3,462	4,124	662	19.1%	66	68	134
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and S	2,913	3,477	564	19.4%	56	57	113
41-9000	Other Sales and Related Workers	2,533	2,907	374	14.8%	37	31	68
43-0000	Office and Administrative Support Occupations	62,426	70,772	8,346	13.4%	868	1,372	2,240
43-1000	Supervisors of Office and Administrative Support Workers	4,281	5,070	789	18.4%	79	102	181
43-1011	First-Line Supervisors of Office and Administrative Support Workers	4,281	5,070	789	18.4%	79	102	181
43-3000	Financial Clerks	8,772	10,324	1,552	17.7%	155	176	331
43-3011	Bill and Account Collectors	387	466	79	20.4%	8	11	19
43-3021	Billing and Posting Clerks	1,341	1,717	376	28.0%	38	25	63
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,404	5,139	735	16.7%	74	40	114
43-3051	Payroll and Timekeeping Clerks	544	646	102	18.8%	10	12	22
43-3061	Procurement Clerks	355	375	20	5.6%	2	13	15
43-3071	Tellers	1,452	1,662	210	14.5%	21	68	89
43-4000	Information and Record Clerks	14,975	17,266	2,291	15.3%	238	418	656
43-4031	Court, Municipal, and License Clerks	786	861	75	9.5%	8	12	20
43-4071	File Clerks	330	321	-9	-2.7%	0	8	8
43-4081	Hotel, Motel, and Resort Desk Clerks	1,748	2,172	424	24.3%	42	83	125
43-4151	Order Clerks	360	375	15	4.2%	2	10	12
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	443	434	-9	-2.0%	0	11	11
43-4171	Receptionists and Information Clerks	2,373	2,670	297	12.5%	30	64	94
43-4199	Information and Record Clerks, All Other	954	889	-65	-6.8%	0	21	21
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	10,255	10,858	603	5.9%	66	288	354
43-5032	Dispatchers, Except Police, Fire, and Ambulance	606	696	90	14.9%	9	18	27
43-5051	Postal Service Clerks	281	260	-21	-7.5%	0	4	4
43-5052	Postal Service Mail Carriers	655	649	-6	-0.9%	0	23	23
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	183	174	-9	-4.9%	0	1	1
43-5061	Production, Planning, and Expediting Clerks	405	475	70	17.3%	7	10	17
43-5071	Shipping, Receiving, and Traffic Clerks	1,788	1,963	175	9.8%	18	47	65
43-5081	Stock Clerks and Order Fillers	4,956	5,151	195	3.9%	20	150	170
43-6000	Secretaries and Administrative Assistants	12,982	15,306	2,324	17.9%	232	156	388

43-6011	Executive Secretaries and Executive Administrative Assistants	1,399	1,424	25	1.8%	2	17	19
43-6013	Medical Secretaries	2,345	3,213	868	37.0%	87	28	115
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executi	8,867	10,282	1,415	16.0%	142	107	249
43-9000	Other Office and Administrative Support Workers	10,789	11,613	824	7.6%	98	225	323
43-9061	Office Clerks, General	8,973	9,858	885	9.9%	88	188	276
45-4011	Forest and Conservation Workers	78	70	-8	-10.3%	0	1	1
47-0000	Construction and Extraction Occupations	17,994	23,027	5,033	28.0%	503	310	813
47-1000	Supervisors of Construction and Extraction Workers	1,755	2,302	547	31.2%	55	19	74
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	1,755	2,302	547	31.2%	55	19	74
47-2000	Construction Trades Workers	13,018	16,928	3,910	30.0%	391	229	620
47-2031	Carpenters	1,666	2,116	450	27.0%	45	20	65
47-2061	Construction Laborers	2,780	3,744	964	34.7%	96	60	156
47-2073	Operating Engineers and Other Construction Equipment Operators	2,766	3,221	455	16.5%	46	61	107
47-2111	Electricians	1,177	1,491	314	26.7%	31	22	53
47-2141	Painters, Construction and Maintenance	877	1,243	366	41.7%	37	13	50
47-4000	Other Construction and Related Workers	1,973	2,258	285	14.5%	28	39	67
47-4061	Rail-Track Laying and Maintenance Equipment Operators	170	216	46	27.1%	5	4	9
49-0000	Installation, Maintenance, and Repair Occupations	19,348	22,230	2,882	14.9%	289	450	739
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,767	1,994	227	12.9%	23	48	71
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,767	1,994	227	12.9%	23	48	71
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	6,028	6,704	676	11.2%	68	156	224
49-3021	Automotive Body and Related Repairers	377	400	23	6.1%	2	7	9
49-3023	Automotive Service Technicians and Mechanics	2,189	2,381	192	8.8%	19	55	74
49-9000	Other Installation, Maintenance, and Repair Occupations	10,239	12,077	1,838	18.0%	184	224	408
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	750	999	249	33.2%	25	19	44
49-9071	Maintenance and Repair Workers, General	4,832	5,473	641	13.3%	64	93	157
49-9098	Helpers--Installation, Maintenance, and Repair Workers	518	623	105	20.3%	10	16	26
51-0000	Production Occupations	15,427	17,216	1,789	11.6%	180	321	501
51-1000	Supervisors of Production Workers	1,361	1,512	151	11.1%	15	19	34
51-1011	First-Line Supervisors of Production and Operating Workers	1,361	1,512	151	11.1%	15	19	34
51-3000	Food Processing Workers	1,124	1,251	127	11.3%	13	29	42
51-3011	Bakers	441	512	71	16.1%	7	11	18
51-5100	Printing Workers	270	296	26	9.6%	3	5	8
51-5112	Printing Press Operators	235	257	22	9.4%	2	4	6
51-6000	Textile, Apparel, and Furnishings Workers	1,246	1,408	162	13.0%	16	23	39
51-6011	Laundry and Dry-Cleaning Workers	485	562	77	15.9%	8	14	22
51-8000	Plant and System Operators	1,009	1,138	129	12.8%	13	35	48
51-8031	Water and Wastewater Treatment Plant and System Operators	590	641	51	8.6%	5	21	26
51-9000	Other Production Occupations	4,511	4,971	460	10.2%	46	104	150
53-0000	Transportation and Material Moving Occupations	23,273	26,493	3,220	13.8%	322	532	854
53-1000	Supervisors of Transportation and Material Moving Workers	1,045	1,237	192	18.4%	19	29	48
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	432	516	84	19.4%	8	12	20
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and V	599	704	105	17.5%	10	16	26
53-3000	Motor Vehicle Operators	10,915	12,589	1,674	15.3%	167	182	349
53-3022	Bus Drivers, School or Special Client	1,844	1,948	104	5.6%	10	34	44

53-3032	Heavy and Tractor-Trailer Truck Drivers	4,050	4,789	739	18.3%	74	65	139
53-3033	Light Truck or Delivery Services Drivers	2,164	2,509	345	15.9%	34	35	69
53-6000	Other Transportation Workers	924	1,062	138	14.9%	14	29	43
53-6031	Automotive and Watercraft Service Attendants	490	568	78	15.9%	8	14	22
53-7000	Material Moving Workers	9,312	10,357	1,045	11.2%	105	258	363
53-7051	Industrial Truck and Tractor Operators	981	988	7	0.7%	1	22	23
53-7061	Cleaners of Vehicles and Equipment	779	848	69	8.9%	7	22	29
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,445	5,096	651	14.7%	65	138	203
53-7064	Packers and Packagers, Hand	2,132	2,243	111	5.2%	11	56	67

Notes

1. Balance of State = all areas in Arizona outside of Maricopa, Pinal, and Pima county.

2. For more information on the Standard Occupational Classification (SOC) system, go to: <http://www.bls.gov/soc/home.htm>

For Occupational Dictionary, see: http://www.bls.gov/oes/current/oes_stru.htm

3. Total openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system. Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading. Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Some Occupations suppressed due to confidentiality or base employment less than 50.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand. Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

For more information on occupational projections, visit: <http://www.bls.gov/emp/>

See [Notes](#) worksheet for additional information on methodology.

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