

EMPLOYMENT OPPORTUNITIES (DEMAND) OCCUPATIONS	Code	BLS Projection 2018-28 Annual Openings	2020-2025 Study % of 2018-28	Annual Openings	Percent (%) MANAGEMENT & BUSINESS	TOTAL (n) MANAGEMENT & BUSINESS	Percent (%) SCIENCE & ENGINEERING	TOTAL (n) SCIENCE & ENGINEERING	Percent (%) FOOD AND BIOMATERIALS PRODUCTION	TOTAL (n) FOOD AND BIOMATERIALS PRODUCTION	Percent (%) EDUCATION, COMMUNICATION & GOVERNMENT SERVICES	TOTAL (n) EDUCATION, COMMUNICATION & GOVERNMENT SERVICES
TOTAL, All Occupations	00-0000	19,694,000										
OCCUPATIONS USED FOR EMPLOYMENT OUTLOOK STUDY 2020-25												
General and operations managers	11-1021	230,000	1	2,300	75	1,725	10	230	5	115	10	230
Marketing managers	11-2021	26,000	1	260	80	208	5	13	10	26	5	13
Sales managers	11-2022	39,000	1	390	80	312	10	39	10	39	0	0
Public relations and fundraising managers	11-2031	7,800	1	78	80	62	5	4	5	4	10	8
Computer and information systems managers	11-3021	38,800	4	1,552	60	931	20	310	10	155	10	155
Financial managers	11-3031	64,900	1	649	60	389	20	130	10	65	10	65
Purchasing managers	11-3071	6,900	1	64	60	38	20	13	10	6	10	6
Transportation, storage, and distribution managers	11-3071	11,400	1	114	70	80	10	11	10	11	10	11
Human resources managers	11-3121	14,400	1	144	70	101	10	14	0	20	20	29
Farmers, ranchers, and other agricultural managers	11-9013	95,600	10	9,560	35	3,346	0	0	60	5,736	5	478
Natural sciences managers	11-9121	6,100	2	122	40	49	30	37	0	40	30	37
Buyers and purchasing agents, farm products	13-1020	40,200	5	2,010	70	1,407	0	0	20	402	10	201
Market research analysts and marketing specialists	13-1161	90,700	2	1,814	60	1,088	30	544	0	60	10	181
Appraisers and assessors of real estate	13-2021	6,700	5	335	45	151	5	17	5	17	45	151
Budget analysts	13-2031	4,800	1	48	40	19	25	12	10	5	25	12
Credit analysts	13-2041	7,400	1	74	80	59	10	7	10	7	0	0
Financial analysts	13-2051	30,900	1	309	80	247	10	31	0	20	10	31
Financial examiners	13-2061	5,200	1	52	100	52	0	0	0	0	0	0
Credit counselors	13-2071	3,800	1	38	100	38	0	0	0	0	0	0
Loan officers	13-2072	29,900	1	299	100	299	0	0	0	0	0	0
Network and computer systems administrators	15-1142	29,300	1	293	30	88	35	103	5	15	30	88
Operations research analysts	15-2031	10,900	4	436	30	131	35	153	5	22	30	131
Statisticians	15-2041	5,300	1	53	30	16	35	19	5	3	30	16
Landscape architects	17-1012	1,900	20	380	70	266	10	38	0	20	20	76
Surveyors	17-1022	4,000	1	40	10	4	80	32	0	0	10	4
Agricultural engineers	17-2021	200	100	200	10	20	80	160	0	0	10	20
Biomedical engineers	17-2031	1,500	1	15	10	2	80	12	0	0	10	2
Chemical engineers	17-2041	2,400	1	24	10	2	80	19	0	0	10	2
Civil engineers	17-2051	28,300	1	283	10	28	80	226	0	0	10	28
Electrical engineers	17-2071	13,900	1	139	10	14	80	111	0	0	10	14
Environmental engineers	17-2081	4,600	1	46	10	5	80	37	0	0	10	5
Health and safety engineers, except mining safety engineers & inspectors	17-2111	2,000	1	20	10	2	80	16	0	0	10	2
Industrial engineers	17-2112	22,600	1	226	10	23	80	181	0	0	10	23
Materials engineers	17-2131	22,700	1	227	10	23	80	181	0	0	10	23
Mechanical engineers	17-2141	22,900	1	229	10	23	80	183	0	0	10	23
Environmental engineering technicians	17-3025	2,000	1	20	0	0	90	18	0	0	10	2
Animal scientists	19-1011	300	100	300	0	0	90	270	0	0	10	30
Food scientists and technologists	19-1012	1,800	100	1,800	0	0	90	1,620	0	0	10	180
Soil and plant scientists	19-1013	2,200	100	2,200	0	0	90	1,980	0	0	10	220
Biochemists and biophysicists	19-1021	3,100	10	310	0	0	90	279	0	0	10	31
Microbiologists	19-1022	2,100	10	210	0	0	90	189	0	0	10	21
Zoologists and wildlife biologists	19-1023	1,900	50	950	0	0	90	855	0	0	10	95
Biological scientists, all other	19-1029	4,700	2	94	0	0	90	85	0	0	10	9
Conservation scientists	19-1031	2,600	50	1,300	20	260	50	650	10	130	20	260
Foresters	19-1032	1,000	100	1,000	20	200	50	500	10	100	20	200
Chemists	19-2031	8,400	2	168	0	0	90	151	0	0	10	17
Environmental scientists and specialists, including health	19-2041	14,700	5	735	10	74	60	441	5	37	25	184
Economists	19-3011	1,800	5	90	60	54	30	27	0	0	10	9
Urban and regional planners	19-3051	4,200	3	126	40	50	20	25	5	6	35	44
Agricultural and food science technicians	19-4011	3,800	30	1,140	0	0	90	1,026	0	0	10	114
Biological technicians	19-4021	9,800	2	196	0	0	90	176	0	0	10	20
Chemical technicians	19-4031	7,200	2	144	0	0	90	130	0	0	10	14
Environmental science and protection technicians, including health	19-4091	4,600	10	460	0	0	90	414	0	0	10	46
Forest and conservation technicians	19-4093	4,000	25	1,000	0	0	50	500	0	0	50	500
Agricultural sciences teachers, postsecondary	25-1041	1,200	90	1,080	0	0	0	0	0	0	100	1,080
Forestry and conservation science teachers, postsecondary	25-1043	200	90	180	0	0	0	0	0	0	100	180
Environmental science teachers, postsecondary	25-1053	700	20	140	0	0	0	0	0	0	100	140
Farm and home management advisors	25-9021	1,000	50	500	40	200	0	0	0	0	60	300
News analysts, reporters and correspondents	27-3020	5,300	2	106	60	64	0	0	0	0	40	42
Public relations specialists	27-3031	30,700	2	614	60	368	0	0	0	0	40	246
Editors	27-3041	12,400	1	124	60	74	0	0	0	0	40	50
Technical writers	27-3042	6,100	4	244	60	146	20	49	0	0	20	49
Dietitians and nutritionists	29-1031	5,500	10	550	20	110	60	330	0	0	20	110
Veterinarians	29-1131	5,100	100	5,100	25	1,275	65	3,315	5	255	5	255
Veterinary technologists and technicians	29-2056	11,800	10	1,180	0	0	90	1,062	5	59	5	59
Veterinary assistants and laboratory animal caretakers	31-9096	18,100	10	1,810	0	0	90	1,629	5	91	5	91
Forest fire inspectors and prevention specialists	33-2022	300	20	60	20	12	0	40	24	40	5	24
Fish and game wardens	33-3031	500	20	100	0	0	0	0	0	0	100	100
First-line supervisors of landscaping, lawn service, groundskeeping workers	37-1012	24,300	2	486	100	0	0	0	0	0	0	0
Pest control workers	37-2021	12,600	2	252	50	126	0	50	0	126	0	0
Supervisors of sales workers	41-1000	202,500	1	2,025	100	0	0	0	0	0	0	0
Retail salespersons	41-2031	641,300	1	6,413	100	0	0	0	0	0	0	0
Advertising sales agents	41-3011	19,500	1	195	100	0	0	0	0	0	0	0
Securities, commodities, and financial services sales agents	41-3031	44,600	1	446	100	0	0	0	0	0	0	0
Sales representatives, wholesale and manufacturing, technical and scientific	41-4011	36,000	2	720	100	0	0	0	0	0	0	0
Supervisors of farming, fishing, and forestry workers	45-1000	8,400	5	420	30	126	0	50	210	20	84	
Agricultural inspectors	45-2011	2,700	15	405	20	81	0	20	81	60	243	
Forest and conservation workers	45-4011	2,400	10	240	0	0	0	50	120	50	120	
High School Agricultural Science & Business Teachers (2018 AAAE)				1,151	0	0	0	0	0	100		1,151
SUPPLY TOTALS		2,084,900		59,397		24,733		18,436		7,866		8,362