

Table 9-3

Labor force status of persons 16 years and older, by occupation, ethnicity, race, counts, earnings, and unemployment rate: 2019

(Number in thousands, dollars, and percent)

Occupations	All ethnicities and races	Hispanic or Latino ^a	Not Hispanic or Latino			
			Asian	Black or African American	White	More than one race, unknown, or other
	Number employed (thousands)					
All U.S. employment	157,538	27,773	9,916	18,084	97,775	3,990
STEM occupations	10,756	873	1,944	791	6,934	214
S&E occupations	8,442	665	1,636	593	5,379	168
Computer and mathematical scientists	4,843	373	1,098	403	2,860	109
Life scientists	327	33	63	15	213	3
Physical scientists	559	45	107	20	375	13
Social scientists	328	25	15	28	256	4
Engineers	2,385	189	354	128	1,676	38
Technology occupations	2,314	208	308	198	1,555	46
S&E-related occupations	10,621	970	982	1,235	7,227	208
Health-related occupations	10,380	951	958	1,221	7,045	205
Dentists	162	10	37	2	110	2
Physicians and surgeons	1,088	83	199	76	712	18
Registered nurses	3,240	229	293	390	2,263	65
Other health-related occupations	5,890	629	428	754	3,959	120
Other S&E-related occupations	241	18	24	13	181	4
Non-STEM and non-S&E-related occupations	136,161	25,930	6,990	16,058	83,615	3,567
Chief executives	1,597	96	84	61	1,340	15
Education administrators	937	104	29	133	654	17
Financial analysts	332	24	39	23	238	8
General and operations manager	1,065	127	41	65	802	30
Lawyers	1,296	77	70	61	1,070	18
Management analysts	969	84	130	76	661	18
Technical writers	64	8	1	8	47	*
Other non-STEM occupations	129,900	25,410	6,596	15,631	78,801	3,461
	Weekly median earnings, full time, employed (\$)					
All U.S. employment	920	700	1,192	740	1,000	807
STEM occupations	1,557	1,346	1,840	1,250	1,577	1,447
S&E occupations	1,596	1,400	1,827	1,250	1,596	1,463
Computer and mathematical scientists	1,560	1,346	1,846	1,154	1,557	1,388
Life scientists	1,158	1,230	1,203	1,529	1,138	981
Physical scientists	1,583	1,346	1,693	1,452	1,600	1,662
Social scientists	1,442	1,028	1,686	1,442	1,512	923
Engineers	1,666	1,523	1,808	1,600	1,712	1,511
Technology occupations	1,477	1,000	1,923	1,200	1,538	1,128
S&E-related occupations	1,200	1,080	1,538	962	1,239	1,154
Health-related occupations	1,200	1,080	1,538	962	1,224	1,154
Dentists	2,307	1,067	2,134	2,500	2,599	1,615
Physicians and surgeons	2,307	1,893	2,536	1,172	2,500	1,417
Registered nurses	1,218	1,202	1,442	1,057	1,240	1,080
Other health-related occupations	1,080	925	1,440	880	1,153	1,111
Other S&E-related occupations	1,692	1,316	1,654	1,930	1,692	1,035

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(Number in thousands, dollars, and percent)

Occupations	All ethnicities and races	Hispanic or Latino ^a	Not Hispanic or Latino			
			Asian	Black or African American	White	More than one race, unknown, or other
Non-STEM and non-S&E-related occupations	846	680	923	700	961	769
Chief executives	2,365	2,468	2,798	2,172	2,353	1,824
Education administrators	1,346	1,243	1,559	1,153	1,442	1,385
Financial analysts	1,603	1,296	1,748	1,500	1,587	1,460
General and operations manager	1,384	1,168	1,626	1,126	1,442	1,262
Lawyers	2,019	1,750	1,984	1,947	2,071	1,538
Management analysts	1,615	1,250	1,923	1,538	1,615	1,764
Technical writers	1,424	1,189	2,308	833	1,442	NA
Other non-STEM occupations	808	675	874	692	923	753
			Unemployment rate (percent)			
U.S. labor force	3.67	4.34	2.62	6.15	3.01	5.88
STEM occupations	1.95	2.74	1.33	3.42	1.84	2.48
S&E occupations	1.97	2.31	1.53	3.88	1.81	3.06
Computer and mathematical scientists	2.19	3.47	1.75	3.81	1.90	3.71
Life scientists	2.11	NA	3.92	NA	2.06	NA
Physical scientists	1.13	NA	1.30	3.54	1.12	NA
Social scientists	1.94	NA	NA	NA	2.47	NA
Engineers	1.68	1.20	0.52	5.39	1.66	2.77
Technology occupations	1.90	4.10	0.29	2.02	1.94	0.31
S&E-related occupations	1.54	2.83	0.98	2.32	1.31	1.00
Health-related occupations	1.53	2.85	1.01	2.34	1.29	1.02
Dentists	0.74	NA	NA	NA	1.07	NA
Physicians and surgeons	0.53	1.24	0.46	NA	0.54	NA
Registered nurses	1.25	1.60	0.60	0.92	1.37	0.81
Other health-related occupations	1.89	3.55	1.62	3.30	1.39	1.29
Other S&E-related occupations	1.68	1.50	NA	NA	2.07	NA
Non-STEM and non-S&E-related occupations	3.56	3.91	2.63	5.94	2.96	5.63
Chief executives	1.16	0.21	0.58	4.29	1.09	3.21
Education administrators	0.96	0.76	8.63	1.49	0.54	NA
Financial analysts	1.95	NA	4.90	10.59	0.78	NA
General and operations manager	1.69	2.75	NA	5.31	1.36	NA
Lawyers	0.80	4.04	NA	NA	0.67	NA
Management analysts	3.12	NA	2.01	7.87	3.22	NA
Technical writers	2.16	NA	NA	NA	0.54	NA
Other non-STEM occupations	3.66	3.96	2.67	5.99	3.07	5.75

* = rounds to zero; NA = not available.

S&E = science and engineering; STEM = science, technology, engineering, and mathematics.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.**Note(s):**

Data from the Current Population Survey (CPS) cover employed persons 16 years and older. Annual estimates are based on CPS monthly data. Postsecondary teachers of all fields are in non-STEM occupations. Military specific occupations are not included in the CPS data. Detail may not add to total because of rounding. This table will not match previously published tables exactly due to addition of sales engineers to the engineers aggregation. The Census Bureau does not include sales engineers in the engineers aggregation but the National Center for Science and Engineering Statistics does.

Source(s):

National Bureau of Economic Research, Merged Outgoing Rotation Group files, 2011–18, and Bureau of Labor Statistics, Current Population Survey, 2019, microdata files, accessed June 2020.