

TABLE 9-4

## Employed persons 16 years and older, by detailed occupation, ethnicity, and race: 2008–17

(Number in thousands)

Occupation, ethnicity, and race	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All occupations	145,362	139,877	139,062	139,869	142,469	143,929	146,305	148,834	151,436	153,337
Management, professional, and related occupations	52,634	52,047	51,721	52,217	53,831	54,738	55,829	58,002	59,293	60,719
Management, business, and financial operations occupations	21,924	21,581	20,938	21,175	22,400	22,626	22,843	23,827	24,535	24,943
Professional and related occupations	30,710	30,466	30,783	31,042	31,431	32,112	32,986	34,174	34,758	35,776
Architect	225	208	188	176	194	185	188	191	237	268
Biological or life scientist	299	331	307	339	304	330	306	301	304	332
Chemist	108	117	106	87	102	113	105	97	96	101
Dietitian	107	98	110	104	109	107	117	119	118	117
Economist and market and survey researcher	159	155	180	221	241	264	318	291	336	361
Engineer	1,975	1,840	1,818	1,977	1,995	2,018	1,996	2,075	2,243	2,336
Engineering and related technologist or technician	690	584	580	586	614	567	555	590	575	574
Health technologist or technician	2,295	2,471	2,509	2,505	2,416	2,551	2,693	2,844	2,854	2,860
Lawyer or judge	1,058	1,103	1,104	1,177	1,134	1,155	1,171	1,228	1,183	1,222
Mathematical or computer scientist	3,681	3,489	3,549	3,589	3,760	3,963	4,253	4,383	4,510	4,773
Pharmacist	254	269	260	262	285	282	284	271	310	344
Physician	863	909	877	828	919	925	1,013	1,009	1,067	1,070
Physicians' assistant	107	88	105	95	106	128	91	79	87	112
Psychologist	173	166	186	192	175	187	219	205	175	185
Registered nurse	2,745	2,800	2,835	2,726	2,823	2,852	2,883	2,928	3,090	3,122
Science technician	259	268	280	264	303	279	302	360	306	314
Teacher, except postsecondary (college and university)	6,004	5,840	5,920	5,870	5,850	5,961	6,000	6,257	6,190	6,307
Teacher, postsecondary (college and university)	1,224	1,311	1,309	1,335	1,332	1,325	1,255	1,319	1,424	1,419
Therapist	664	676	722	776	743	748	830	886	905	886
Other health care professional	325	348	371	511	487	530	572	590	590	576
Other natural scientist	250	246	264	279	307	271	291	341	380	418
Other social scientist or urban planner	73	63	76	88	100	83	80	73	88	79
Other professional or related occupation	7,174	7,087	7,125	7,056	7,132	7,287	7,465	7,736	7,691	7,999
Other occupations	92,728	87,831	87,340	87,652	88,638	89,192	90,476	90,832	92,143	92,618
Hispanic <sup>a</sup>	20,264	19,638	19,918	20,288	21,887	22,529	22,312	23,226	24,034	24,629
Management, professional, and related occupations	3,703	3,725	3,756	3,889	4,464	4,572	4,451	4,844	5,136	5,334
Management, business, and financial operations occupations	1,650	1,617	1,594	1,594	1,908	1,916	1,867	2,070	2,253	2,293
Professional and related occupations	2,053	2,107	2,162	2,295	2,556	2,657	2,585	2,774	2,883	3,041
Architect	13	14	16	8	17	15	14	8	16	14
Biological or life scientist	6	13	18	17	14	20	14	18	9	24
Chemist	6	6	6	4	9	12	4	7	6	4
Dietitian	9	7	5	10	9	9	6	9	7	9
Economist and market and survey researcher	11	8	5	15	11	19	22	27	26	30
Engineer	117	121	108	114	108	127	140	160	169	179
Engineering and related technologist or technician	68	48	55	55	69	56	52	52	69	65
Health technologist or technician	167	209	191	232	247	280	262	294	298	303
Lawyer or judge	37	32	40	41	47	54	53	55	55	56
Mathematical or computer scientist	177	186	183	204	212	252	245	264	270	316
Pharmacist	7	9	12	12	13	13	13	10	10	17

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## Employed persons 16 years and older, by detailed occupation, ethnicity, and race: 2008–17

(Number in thousands)

Occupation, ethnicity, and race	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Physician	51	52	59	54	48	36	53	57	68	70
Physicians' assistant	9	11	9	10	10	13	5	5	4	5
Psychologist	8	10	15	13	11	16	20	14	12	13
Registered nurse	135	127	136	138	170	188	171	177	191	197
Science technician	14	30	35	15	34	32	34	31	32	42
Teacher, except postsecondary (college and university)	423	415	427	486	559	590	548	545	540	626
Teacher, postsecondary (college and university)	55	60	60	64	80	81	66	82	89	83
Therapist	31	38	47	44	62	61	50	70	78	63
Other health care professional	15	20	16	25	16	33	23	29	33	22
Other natural scientist	3	5	11	11	8	9	17	18	23	26
Other social scientist or urban planner	4	2	4	5	8	2	5	3	11	5
Other professional or related occupation	685	686	707	716	795	739	766	839	865	871
Other occupations	16,561	15,913	16,162	16,399	17,423	17,957	17,861	18,381	18,897	19,295
Not Hispanic										
Black	15,378	14,526	14,419	14,376	14,837	15,176	15,742	16,460	16,935	17,425
Management, professional, and related occupations	4,309	4,217	4,230	4,252	4,420	4,408	4,678	5,068	5,142	5,351
Management, business, and financial operations occupations	1,552	1,490	1,453	1,512	1,673	1,594	1,639	1,865	1,891	1,919
Professional and related occupations	2,757	2,727	2,776	2,739	2,747	2,815	3,039	3,202	3,251	3,431
Architect	8	4	5	2	3	0	5	9	4	6
Biological or life scientist	21	17	16	19	12	15	15	14	10	15
Chemist	4	10	9	8	5	7	8	7	10	13
Dietitian	24	23	12	19	15	16	10	14	18	15
Economist and market and survey researcher	10	5	12	14	14	20	15	15	18	23
Engineer	88	78	93	93	100	108	90	108	111	122
Engineering and related technologist or technician	41	46	32	48	48	37	42	47	49	28
Health technologist or technician	310	334	357	349	319	352	392	406	440	437
Lawyer or judge	46	50	51	66	49	50	63	59	53	70
Mathematical or computer scientist	281	232	230	238	259	310	340	361	336	376
Pharmacist	26	23	16	16	20	11	18	29	29	28
Physician	54	53	49	37	64	61	47	67	71	91
Physicians' assistant	7	9	5	10	11	7	4	5	2	6
Psychologist	12	11	8	10	8	7	11	9	12	11
Registered nurse	278	309	335	281	313	292	333	361	366	353
Science technician	40	27	25	27	34	21	30	35	28	22
Teacher, except postsecondary (college and university)	564	529	550	541	516	506	614	649	588	628
Teacher, postsecondary (college and university)	64	67	88	92	99	85	73	58	95	114
Therapist	41	57	51	35	42	53	67	61	62	78
Other health care professional	8	7	3	11	10	22	25	22	34	30
Other natural scientist	11	3	12	18	10	19	9	12	15	17
Other social scientist or urban planner	5	3	7	8	6	7	7	11	7	5
Other professional or related occupation	816	830	809	797	788	810	821	843	892	944
Other occupations	11,069	10,309	10,189	10,124	10,417	10,767	11,064	11,392	11,793	12,074
White	100,262	96,715	95,666	95,847	95,171	95,246	96,782	97,293	97,857	98,242
Management, professional, and related occupations	40,478	40,082	39,800	40,070	40,245	40,789	41,454	42,517	43,089	43,951

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(Number in thousands)

Occupation, ethnicity, and race	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Management, business, and financial operations occupations	17,253	17,102	16,622	16,653	17,177	17,419	17,581	17,944	18,325	18,692
Professional and related occupations	23,225	22,980	23,177	23,417	23,068	23,371	23,874	24,573	24,764	25,259
Architect	190	175	162	155	164	154	153	158	183	200
Biological or life scientist	214	221	212	247	227	226	208	198	211	228
Chemist	73	77	70	61	75	82	79	72	60	63
Dietitian	69	65	81	70	78	76	87	84	79	85
Economist and market and survey researcher	130	130	146	176	193	197	235	222	245	275
Engineer	1,508	1,388	1,379	1,550	1,508	1,482	1,458	1,494	1,651	1,663
Engineering and related technologist or technician	523	461	460	443	455	434	404	438	398	418
Health technologist or technician	1,654	1,739	1,767	1,745	1,639	1,697	1,806	1,881	1,880	1,865
Lawyer or judge	933	961	969	1,003	978	978	981	1,038	1,013	1,020
Mathematical or computer scientist	2,553	2,467	2,511	2,496	2,549	2,599	2,768	2,796	2,831	2,960
Pharmacist	187	194	186	191	194	192	197	185	214	223
Physician	607	643	625	598	631	621	681	690	710	705
Physicians' assistant	86	63	82	72	70	98	72	64	70	90
Psychologist	145	138	157	163	149	159	181	170	140	151
Registered nurse	2,077	2,095	2,097	2,065	2,071	2,092	2,096	2,080	2,190	2,228
Science technician	177	177	194	199	205	196	209	247	204	205
Teacher, except postsecondary (college and university)	4,777	4,676	4,702	4,621	4,479	4,593	4,588	4,747	4,743	4,743
Teacher, postsecondary (college and university)	940	1,025	992	1,030	978	967	934	998	1,044	1,045
Therapist	540	533	588	642	591	580	652	680	683	667
Other health care professional	269	292	320	432	422	430	471	483	460	485
Other natural scientist	198	196	199	210	247	200	212	241	260	265
Other social scientist or urban planner	58	53	60	71	84	65	60	53	64	65
Other professional or related occupation	5,318	5,208	5,216	5,178	5,082	5,255	5,343	5,555	5,429	5,607
Other occupations	59,784	56,633	55,866	55,777	54,926	54,457	55,328	54,777	54,769	54,291

<sup>a</sup> Hispanic may be any race.**Note(s)**

Data from the Current Population Survey (CPS) cover employed persons 16 years and older. Annual estimates are based on CPS monthly data. In 2011, the CPS taxonomy for occupations was revised; therefore, data from 2011 to 2015 may not be comparable to data for previous years. Detail may not add to total because of rounding. Race and ethnicity categories are those used in the survey's data collection. This table will not match previously published tables exactly due to source change and an error correction.

**Source(s)**

Special tabulation from the National Bureau of Economic Research, Merged Outgoing Rotation Group files (2008–2017), Bureau of Labor Statistics, Current Population Survey (CPS).