

TABLE 9-33. Occupations of scientists and engineers employed by the federal government, by sex: 2006–15

Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
All scientists and engineers										
All occupations	219,204	222,699	226,520	238,685	253,657	259,821	260,429	259,383	257,129	259,690
Scientists	132,429	135,357	137,760	144,674	154,415	159,126	160,600	160,871	159,701	160,695
Computer and mathematical scientists	45,128	46,702	47,349	50,540	54,911	57,701	59,289	59,899	59,954	61,973
Computer specialists	4,936	5,027	5,207	5,642	6,060	6,329	6,463	6,573	6,601	7,053
Cryptography analysts	13	13	11	11	10	10	12	15	13	12
Equipment specialists	822	1,089	990	1,087	1,167	1,176	1,245	1,268	1,288	1,331
Information technology management positions	31,063	32,187	32,569	34,647	37,840	40,150	41,645	42,154	42,146	43,462
Mathematical statisticians	1,288	1,268	1,295	1,367	1,440	1,448	1,428	1,426	1,401	1,417
Mathematicians	996	968	971	997	1,014	1,005	983	965	975	997
Operations research analysts	3,270	3,379	3,564	3,906	4,272	4,469	4,502	4,571	4,646	4,797
Statisticians	2,740	2,771	2,742	2,883	3,108	3,114	3,011	2,927	2,884	2,904
Life scientists	37,667	38,235	38,682	39,953	41,840	42,039	41,218	40,217	39,388	39,383
Agronomists	279	266	256	258	252	243	229	223	206	201
Animal scientists	94	95	83	86	98	91	93	90	89	86
Botanists	389	383	382	397	404	406	391	390	384	369
Ecologists	1,157	1,170	1,203	1,250	1,364	1,394	1,363	1,331	1,311	1,314
Entomologists	584	570	562	555	601	596	568	554	535	535
Environmental protection specialists	3,792	3,833	3,753	3,869	3,991	4,038	4,046	3,921	3,840	3,770
Fishery biologists	2,328	2,305	2,296	2,290	2,399	2,440	2,404	2,286	2,245	2,230
Geneticists	419	410	406	420	457	460	442	441	426	433
Horticulturalists	105	103	107	105	108	113	110	108	107	102
Microbiologists	2,272	2,249	2,291	2,447	2,545	2,543	2,515	2,435	2,378	2,322
Pharmacologists	451	456	527	566	603	609	603	605	637	675
Physiologists	399	382	395	406	407	406	411	388	362	349
Plant pathologists	303	296	298	299	312	311	299	286	270	261
Plant physiologists	202	194	187	185	189	187	173	162	156	155
Range conservationists	905	912	880	894	893	865	842	831	763	732
Soil conservationists	3,876	3,748	3,577	3,590	3,683	3,613	3,628	3,464	3,394	3,331
Soil scientists	1,222	1,169	1,136	1,097	1,094	1,055	960	897	847	832
Toxicologists	452	458	472	467	490	487	473	473	458	457
Wildlife biologists	2,208	2,207	2,183	2,180	2,289	2,282	2,233	2,166	2,141	2,136
Zoologists	95	90	88	80	91	95	89	83	79	69
Life scientists, general	16,135	16,939	17,600	18,512	19,570	19,805	19,346	19,083	18,760	19,024
Physical scientists	23,954	23,724	23,838	24,503	25,268	25,169	24,808	24,247	23,615	23,608
Astronomers and space scientists	433	421	411	422	453	459	458	451	448	431
Chemists	5,545	5,400	5,403	5,513	5,680	5,635	5,533	5,468	5,413	5,486
Geodesists	60	60	59	66	66	62	60	54	50	56
Geologists	1,571	1,571	1,571	1,621	1,637	1,622	1,582	1,512	1,482	1,453
Geophysicists	413	412	422	433	436	434	426	422	412	412
Health physicists	684	683	691	732	767	783	794	787	778	785
Hydrologists	2,375	2,330	2,307	2,304	2,310	2,291	2,241	2,164	2,066	2,061
Meteorologists	2,742	2,741	2,725	2,761	2,811	2,838	2,791	2,724	2,671	2,627
Oceanographers	622	602	604	596	630	613	623	597	567	534
Physicists	2,414	2,375	2,340	2,388	2,512	2,427	2,409	2,363	2,350	2,374
Physical scientists, general	7,095	7,129	7,305	7,667	7,966	8,005	7,891	7,705	7,378	7,389
Social scientists	25,680	26,696	27,891	29,678	32,396	34,217	35,285	36,508	36,744	35,731
Agricultural market analysts	118	116	114	114	112	112	104	94	95	94
Agricultural market specialists	343	307	310	310	328	318	322	309	301	310
Anthropologists	97	92	93	104	126	120	132	135	130	133
Archaeologists	1,007	1,011	1,018	1,052	1,134	1,145	1,162	1,140	1,150	1,129
Civil rights analysts	36	32	38	37	56	52	51	49	50	50
Economists	4,133	4,033	3,984	4,123	4,301	4,236	4,235	4,143	4,142	4,201
Education research analysts	76	82	64	91	105	113	101	97	100	112

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Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Foreign affairs analysts	1,772	1,934	2,029	2,132	2,363	2,614	2,752	2,778	2,733	660
Foreign agricultural affairs analysts	130	128	129	134	167	161	159	158	150	147
Geographers	583	605	658	707	791	799	796	777	764	763
Intelligence specialists	5,269	5,562	5,645	5,965	6,576	7,500	7,946	8,336	8,386	8,745
International cooperation specialists	30	29	2	1	13	15	19	24	28	37
International relations specialists	186	209	210	221	255	271	312	312	305	287
Workforce research analysts	46	50	59	54	70	54	59	54	50	52
Psychologists	4,343	4,791	5,381	6,047	6,775	7,232	7,621	8,215	8,435	8,950
Sociologists	33	31	34	38	40	43	38	35	35	26
Trade specialists	619	603	626	660	708	699	655	615	589	599
Transportation industry analysts	89	91	90	105	106	105	116	108	101	98
Unemployment insurance specialists	52	52	52	49	54	44	42	38	46	41
Social scientists, general	6,718	6,938	7,355	7,734	8,316	8,584	8,663	9,091	9,154	9,297
Engineers	86,775	87,342	88,760	94,011	99,242	100,695	99,829	98,512	97,428	98,995
Aerospace engineers	8,349	8,519	8,831	9,040	9,277	9,281	9,159	9,079	9,048	9,229
Chemical engineers	1,083	1,083	1,112	1,151	1,168	1,146	1,121	1,079	1,112	1,148
Civil engineers	9,886	9,877	9,923	11,030	11,728	11,928	11,576	11,117	10,603	10,440
Electrical, electronics, and computer engineers	26,792	26,738	26,783	27,618	28,787	28,808	28,605	28,145	27,799	28,155
Electrical engineers	3,631	3,705	3,796	4,125	4,526	4,665	4,638	4,576	4,617	4,724
Computer engineers	3,933	4,058	4,123	4,252	4,438	4,463	4,481	4,485	4,435	4,549
Electronics engineers	19,228	18,975	18,864	19,241	19,823	19,680	19,486	19,084	18,747	18,882
Industrial engineers	1,639	1,639	1,598	1,732	1,961	1,978	1,925	1,913	1,880	1,905
Safety engineers	462	461	456	477	522	519	473	489	471	487
Fire prevention engineers	160	170	170	190	218	231	234	231	223	211
Industrial engineers	1,017	1,008	972	1,065	1,221	1,228	1,218	1,193	1,186	1,207
Mechanical engineers	9,731	9,872	10,032	10,957	11,742	11,807	11,748	11,570	11,506	12,033
Other engineers	29,295	29,614	30,481	32,483	34,579	35,747	35,695	35,609	35,480	36,085
Materials engineers	1,127	1,121	1,135	1,192	1,244	1,279	1,272	1,258	1,279	1,319
Environmental engineers	4,522	4,362	4,216	4,270	4,334	4,361	4,229	4,049	3,829	3,815
Nuclear engineers	2,361	2,294	2,411	2,542	2,659	2,765	2,813	2,772	2,801	2,994
Biomedical engineers and bioengineers	395	428	459	509	577	623	667	709	757	821
Naval architects	724	726	734	778	831	841	865	862	861	880
Mining engineers	206	183	175	173	175	156	146	140	123	120
Petroleum engineers	290	283	278	286	290	297	297	312	326	325
Agricultural engineers	360	350	346	339	367	349	347	330	306	302
Ceramic engineers	40	38	37	9	0	0	0	0	0	0
Welding engineers	45	44	49	38	0	0	0	0	0	0
Metallurgists	73	63	56	57	56	52	51	49	41	38
Engineers, general	19,152	19,722	20,585	22,290	24,046	25,024	25,008	25,128	25,157	25,471
Female										
All occupations	56,560	58,539	60,806	65,019	70,097	72,660	73,474	74,018	74,017	74,884
Scientists	44,735	46,305	47,987	51,112	55,028	57,032	57,746	58,298	58,273	58,704
Computer and mathematical scientists	15,096	15,494	15,593	16,393	17,434	18,088	18,321	18,360	18,288	18,638
Computer specialists	1,418	1,403	1,435	1,515	1,608	1,625	1,649	1,657	1,644	1,708
Cryptography analysts	7	6	5	5	5	4	6	8	6	6
Equipment specialists	75	95	84	103	111	108	110	112	115	121
Information technology management positions	10,619	10,933	10,911	11,354	12,020	12,560	12,804	12,805	12,741	12,920
Mathematical statisticians	496	490	514	561	592	597	593	607	602	611
Mathematicians	348	343	353	366	374	387	373	373	373	381
Operations research analysts	890	946	1,018	1,137	1,255	1,332	1,341	1,376	1,396	1,452
Statisticians	1,243	1,278	1,273	1,352	1,469	1,475	1,445	1,422	1,411	1,439

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Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Life scientists	12,838	13,279	13,792	14,639	15,671	15,971	15,824	15,571	15,420	15,635
Agronomists	31	29	29	26	35	35	37	40	38	41
Animal scientists	19	21	17	21	27	30	39	37	36	33
Botanists	188	183	189	197	206	212	206	204	202	200
Ecologists	420	411	440	460	526	548	541	523	528	536
Entomologists	110	107	113	112	128	129	137	129	129	131
Environmental protection specialists	1,757	1,779	1,755	1,846	1,910	1,957	1,956	1,908	1,865	1,830
Fishery biologists	573	581	596	619	674	686	680	643	630	636
Geneticists	112	112	112	128	145	145	146	146	150	147
Horticulturalists	35	36	37	37	40	47	47	47	47	46
Microbiologists	983	992	1,033	1,157	1,231	1,247	1,240	1,199	1,186	1,163
Pharmacologists	153	162	202	228	251	247	253	248	280	303
Physiologists	95	84	95	101	108	107	110	114	113	107
Plant pathologists	83	82	82	82	90	95	92	85	78	75
Plant physiologists	50	50	45	43	47	45	40	40	38	36
Range conservationists	216	226	235	245	248	254	241	243	228	222
Soil conservationists	939	930	921	955	1,016	1,036	1,066	1,036	1,035	1,044
Soil scientists	204	207	206	208	218	221	206	184	174	180
Toxicologists	171	179	179	174	184	194	189	182	180	194
Wildlife biologists	673	700	701	712	751	750	744	728	717	726
Zoologists	15	13	14	13	21	24	25	24	23	19
Life scientists, general	6,011	6,395	6,791	7,275	7,815	7,962	7,829	7,811	7,743	7,966
Physical scientists	5,829	5,855	6,072	6,469	6,847	6,886	6,870	6,772	6,678	6,826
Astronomers and space scientists	55	56	62	72	85	94	100	103	109	107
Chemists	1,804	1,778	1,808	1,894	1,982	1,969	1,965	1,979	2,018	2,088
Geodesists	13	10	10	11	12	11	10	8	9	13
Geologists	340	366	391	418	431	443	441	437	445	449
Geophysicists	72	73	82	90	98	101	95	102	91	102
Health physicists	152	148	151	177	182	188	193	190	180	193
Hydrologists	557	552	563	569	584	587	584	566	537	540
Meteorologists	289	296	306	326	345	356	362	356	353	360
Oceanographers	157	153	158	158	180	185	185	179	175	167
Physicists	235	233	241	262	294	290	287	287	285	296
Physical scientists, general	2,155	2,190	2,300	2,492	2,654	2,662	2,648	2,565	2,476	2,511
Social scientists	10,972	11,677	12,530	13,611	15,076	16,087	16,731	17,595	17,887	17,605
Agricultural market analysts	26	30	29	31	35	35	34	33	32	29
Agricultural market specialists	118	111	115	122	139	134	130	124	123	118
Anthropologists	45	47	49	57	73	72	81	81	79	83
Archaeologists	400	402	419	444	500	498	509	493	508	509
Civil rights analysts	24	20	25	26	39	32	32	30	31	31
Economists	1,311	1,295	1,281	1,335	1,394	1,392	1,398	1,387	1,413	1,443
Education research analysts	42	48	37	59	74	80	72	69	71	80
Foreign affairs analysts	661	769	820	876	976	1,095	1,209	1,213	1,184	247
Foreign agricultural affairs analysts	33	35	38	40	51	48	48	51	51	54
Geographers	197	198	221	230	269	263	259	248	243	238
Intelligence specialists	1,871	1,974	2,020	2,154	2,352	2,680	2,814	2,972	2,965	3,013
International cooperation specialists	22	22	0	0	8	11	14	19	20	29
International relations specialists	78	91	89	100	114	120	140	138	135	128
Workforce research analysts	31	35	37	33	46	37	40	37	38	34
Psychologists	2,126	2,431	2,859	3,325	3,853	4,249	4,493	4,954	5,140	5,570
Sociologists	16	14	16	19	19	24	24	20	19	15
Trade specialists	270	270	281	295	322	329	321	295	279	303
Transportation industry analysts	23	27	26	26	26	26	31	28	26	25
Unemployment insurance specialists	25	25	25	25	25	22	21	20	21	21
Social scientists, general	3,653	3,833	4,143	4,414	4,761	4,940	5,061	5,383	5,509	5,635

TABLE 9-33. Occupations of scientists and engineers employed by the federal government, by sex: 2006–15

Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Engineers	11,825	12,234	12,819	13,907	15,069	15,628	15,728	15,720	15,744	16,180
Aerospace engineers	1,256	1,316	1,404	1,427	1,466	1,457	1,451	1,448	1,459	1,482
Chemical engineers	296	299	318	342	352	344	351	340	361	365
Civil engineers	1,402	1,465	1,563	1,828	2,003	2,095	2,066	2,015	1,964	1,973
Electrical, electronics, and computer engineers	3,088	3,140	3,171	3,313	3,509	3,589	3,595	3,569	3,560	3,601
Electrical engineers	411	441	457	510	555	581	593	583	585	613
Computer engineers	724	740	749	763	800	808	798	794	773	794
Electronics engineers	1,953	1,959	1,965	2,040	2,154	2,200	2,204	2,192	2,202	2,194
Industrial engineers	306	314	326	374	449	456	452	441	439	452
Safety engineers	71	76	84	90	108	109	101	108	109	113
Fire prevention engineers	12	10	11	15	20	21	22	23	22	21
Industrial engineers	223	228	231	269	321	326	329	310	308	318
Mechanical engineers	862	900	920	1,055	1,189	1,221	1,226	1,225	1,258	1,361
Other engineers	4,615	4,800	5,117	5,568	6,101	6,466	6,587	6,682	6,703	6,946
Materials engineers	196	202	197	205	220	233	231	242	249	271
Environmental engineers	1,232	1,213	1,212	1,241	1,277	1,325	1,310	1,266	1,208	1,222
Nuclear engineers	229	235	262	281	316	348	356	355	365	406
Biomedical engineers and bioengineers	122	147	161	184	206	226	247	263	301	336
Naval architects	75	81	86	95	109	118	124	131	131	131
Mining engineers	16	13	10	11	12	13	12	12	12	14
Petroleum engineers	29	28	32	36	39	44	43	52	57	56
Agricultural engineers	65	67	69	73	71	70	73	71	67	70
Ceramic engineers	9	8	8	1	0	0	0	0	0	0
Welding engineers	4	4	4	3	0	0	0	0	0	0
Metallurgists	4	3	3	4	3	3	3	3	3	3
Engineers, general	2,634	2,799	3,073	3,434	3,848	4,086	4,188	4,287	4,310	4,437
Male										
All occupations	162,641	164,158	165,713	173,666	183,560	187,161	186,955	185,365	183,112	184,806
Scientists	87,692	89,051	89,773	93,562	99,387	102,094	102,854	102,573	101,428	101,991
Computer and mathematical scientists	30,030	31,208	31,756	34,147	37,477	39,613	40,968	41,539	41,666	43,335
Computer specialists	3,517	3,624	3,772	4,127	4,452	4,704	4,814	4,916	4,957	5,345
Cryptography analysts	6	7	6	6	5	6	6	7	7	6
Equipment specialists	747	994	906	984	1,056	1,068	1,135	1,156	1,173	1,210
Information technology management positions	20,443	21,254	21,658	23,293	25,820	27,590	28,841	29,349	29,405	30,542
Mathematical statisticians	792	778	781	806	848	851	835	819	799	806
Mathematicians	648	625	618	631	640	618	610	592	602	616
Operations research analysts	2,380	2,433	2,546	2,769	3,017	3,137	3,161	3,195	3,250	3,345
Statisticians	1,497	1,493	1,469	1,531	1,639	1,639	1,566	1,505	1,473	1,465
Life scientists	24,829	24,956	24,890	25,314	26,169	26,068	25,394	24,646	23,968	23,748
Agronomists	248	237	227	232	217	208	192	183	168	160
Animal scientists	75	74	66	65	71	61	54	53	53	53
Botanists	201	200	193	200	198	194	185	186	182	169
Ecologists	737	759	763	790	838	846	822	808	783	778
Entomologists	474	463	449	443	473	467	431	425	406	404
Environmental protection specialists	2,035	2,054	1,998	2,023	2,081	2,081	2,090	2,013	1,975	1,940
Fishery biologists	1,755	1,724	1,700	1,671	1,725	1,754	1,724	1,643	1,615	1,594
Geneticists	307	298	294	292	312	315	296	295	276	286
Horticulturalists	70	67	70	68	68	66	63	61	60	56
Microbiologists	1,289	1,257	1,258	1,290	1,314	1,296	1,275	1,236	1,192	1,159
Pharmacologists	298	294	325	338	352	362	350	357	357	372
Physiologists	304	298	300	305	299	299	301	274	249	242
Plant pathologists	220	214	216	217	222	216	207	201	192	186

TABLE 9-33. Occupations of scientists and engineers employed by the federal government, by sex: 2006–15

Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Plant physiologists	152	144	142	142	142	142	133	122	118	119
Range conservationists	689	686	645	649	645	611	601	588	535	510
Soil conservationists	2,937	2,818	2,656	2,635	2,667	2,577	2,562	2,428	2,359	2,287
Soil scientists	1,018	962	930	889	876	834	754	713	673	652
Toxicologists	281	279	293	293	306	293	284	291	278	263
Wildlife biologists	1,535	1,507	1,482	1,468	1,538	1,532	1,489	1,438	1,424	1,410
Zoologists	80	77	74	67	70	71	64	59	56	50
Life scientists, general	10,124	10,544	10,809	11,237	11,755	11,843	11,517	11,272	11,017	11,058
Physical scientists	18,125	17,869	17,766	18,034	18,421	18,283	17,938	17,475	16,937	16,782
Astronomers and space scientists	378	365	349	350	368	365	358	348	339	324
Chemists	3,741	3,622	3,595	3,619	3,698	3,666	3,568	3,489	3,395	3,398
Geodesists	47	50	49	55	54	51	50	46	41	43
Geologists	1,231	1,205	1,180	1,203	1,206	1,179	1,141	1,075	1,037	1,004
Geophysicists	341	339	340	343	338	333	331	320	321	310
Health physicists	532	535	540	555	585	595	601	597	598	592
Hydrologists	1,818	1,778	1,744	1,735	1,726	1,704	1,657	1,598	1,529	1,521
Meteorologists	2,453	2,445	2,419	2,435	2,466	2,482	2,429	2,368	2,318	2,267
Oceanographers	465	449	446	438	450	428	438	418	392	367
Physicists	2,179	2,142	2,099	2,126	2,218	2,137	2,122	2,076	2,065	2,078
Physical scientists, general	4,940	4,939	5,005	5,175	5,312	5,343	5,243	5,140	4,902	4,878
Social scientists	14,708	15,018	15,361	16,067	17,320	18,130	18,554	18,913	18,857	18,126
Agricultural market analysts	92	86	85	83	77	77	70	61	63	65
Agricultural market specialists	225	196	195	188	189	184	192	185	178	192
Anthropologists	52	45	44	47	53	48	51	54	51	50
Archaeologists	607	609	599	608	634	647	653	647	642	620
Civil rights analysts	12	12	13	11	17	20	19	19	19	19
Economists	2,822	2,738	2,703	2,788	2,907	2,844	2,837	2,756	2,729	2,758
Education research analysts	34	34	27	32	31	33	29	28	29	32
Foreign affairs analysts	1,111	1,165	1,209	1,256	1,387	1,519	1,543	1,565	1,549	413
Foreign agricultural affairs analysts	97	93	91	94	116	113	111	107	99	93
Geographers	386	407	437	477	522	536	537	529	521	525
Intelligence specialists	3,398	3,587	3,625	3,811	4,224	4,820	5,132	5,364	5,421	5,732
International cooperation specialists	8	7	2	1	5	4	5	5	8	8
International relations specialists	108	118	121	121	141	151	172	174	170	159
Workforce research analysts	15	15	22	21	24	17	19	17	12	18
Psychologists	2,217	2,360	2,522	2,722	2,922	2,983	3,128	3,261	3,295	3,380
Sociologists	17	17	18	19	21	19	14	15	16	11
Trade specialists	349	333	345	365	386	370	334	320	310	296
Transportation industry analysts	66	64	64	79	80	79	85	80	75	73
Unemployment insurance specialists	27	27	27	24	29	22	21	18	25	20
Social scientists, general	3,065	3,105	3,212	3,320	3,555	3,644	3,602	3,708	3,645	3,662
Engineers	74,949	75,107	75,940	80,104	84,173	85,067	84,101	82,792	81,684	82,815
Aerospace engineers	7,093	7,202	7,426	7,613	7,811	7,824	7,708	7,631	7,589	7,747
Chemical engineers	787	784	794	809	816	802	770	739	751	783
Civil engineers	8,484	8,412	8,360	9,202	9,725	9,833	9,510	9,102	8,639	8,467
Electrical, electronics, and computer engineers	23,704	23,598	23,612	24,305	25,278	25,219	25,010	24,576	24,239	24,554
Electrical engineers	3,220	3,264	3,339	3,615	3,971	4,084	4,045	3,993	4,032	4,111
Computer engineers	3,209	3,318	3,374	3,489	3,638	3,655	3,683	3,691	3,662	3,755
Electronics engineers	17,275	17,016	16,899	17,201	17,669	17,480	17,282	16,892	16,545	16,688
Industrial engineers	1,333	1,325	1,272	1,358	1,512	1,522	1,473	1,472	1,441	1,453
Safety engineers	391	385	372	387	414	410	372	381	362	374
Fire prevention engineers	148	160	159	175	198	210	212	208	201	190
Industrial engineers	794	780	741	796	900	902	889	883	878	889

TABLE 9-33. Occupations of scientists and engineers employed by the federal government, by sex: 2006–15

Occupation and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mechanical engineers	8,869	8,972	9,112	9,902	10,553	10,586	10,522	10,345	10,248	10,672
Other engineers	24,679	24,814	25,364	26,915	28,478	29,281	29,108	28,927	28,777	29,139
Materials engineers	931	919	938	987	1,024	1,046	1,041	1,016	1,030	1,048
Environmental engineers	3,290	3,149	3,004	3,029	3,057	3,036	2,919	2,783	2,621	2,593
Nuclear engineers	2,132	2,059	2,149	2,261	2,343	2,417	2,457	2,417	2,436	2,588
Biomedical engineers and bioengineers	273	281	298	325	371	397	420	446	456	485
Naval architects	649	645	648	683	722	723	741	731	730	749
Mining engineers	190	170	165	162	163	143	134	128	111	106
Petroleum engineers	261	255	246	250	251	253	254	260	269	269
Agricultural engineers	295	283	277	266	296	279	274	259	239	232
Ceramic engineers	31	30	29	8	0	0	0	0	0	0
Welding engineers	41	40	45	35	0	0	0	0	0	0
Metallurgists	69	60	53	53	53	49	48	46	38	35
Engineers, general	16,517	16,923	17,512	18,856	20,198	20,938	20,820	20,841	20,847	21,034

NOTES: Total may include doctorate recipients who did not report sex; as a result, detail may not sum to total. National Science Foundation tabulations from data provided by the Office of Personnel Management. Data for 2006–09 differ from previously published tables because they include, for the first time, data from the Department of Homeland Security. Data for 2015 exclude the Department of State. A total of 2,770 scientists and engineers were employed by the Department of State in 2014, including 1,139 women and 1,631 men.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of Office of Personnel Management data.