

Table 9-40

Occupations of scientists and engineers with at least a bachelor's degree employed by the federal government, by disability status: 2008–19

(Number)

Occupation and disability status	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All federal scientists and engineers												
All occupations	226,520	238,685	253,657	259,821	260,429	259,383	257,129	259,690	267,499	268,115	269,330	273,010
Scientists	137,760	144,674	154,415	159,126	160,600	160,871	159,701	160,695	166,640	167,016	167,213	169,279
Computer and mathematical scientists	47,349	50,540	54,911	57,701	59,289	59,899	59,954	61,973	64,272	65,229	66,652	68,644
Life scientists	38,682	39,953	41,840	42,039	41,218	40,217	39,388	39,383	39,676	39,364	38,418	37,995
Physical scientists	23,838	24,503	25,268	25,169	24,808	24,247	23,615	23,608	23,879	23,774	23,549	23,512
Social scientists	27,891	29,678	32,396	34,217	35,285	36,508	36,744	35,731	38,813	38,649	38,594	39,128
Engineers	88,760	94,011	99,242	100,695	99,829	98,512	97,428	98,995	100,859	101,099	102,117	103,731
Aerospace engineers	8,831	9,040	9,277	9,281	9,159	9,079	9,048	9,229	9,336	9,388	9,546	9,463
Chemical engineers	1,112	1,151	1,168	1,146	1,121	1,079	1,112	1,148	1,135	1,149	1,133	1,119
Civil engineers	9,923	11,030	11,728	11,928	11,576	11,117	10,603	10,440	10,519	10,408	10,460	10,711
Electrical, electronics, and computer engineers	26,783	27,618	28,787	28,808	28,605	28,145	27,799	28,155	28,470	28,458	28,378	28,322
Industrial engineers	1,598	1,732	1,961	1,978	1,925	1,913	1,880	1,905	1,914	1,835	1,801	1,764
Mechanical engineers	10,032	10,957	11,742	11,807	11,748	11,570	11,506	12,033	12,572	12,841	13,400	13,864
Other engineers	30,481	32,483	34,579	35,747	35,695	35,609	35,480	36,085	36,913	37,020	37,399	38,488
Without disability												
All occupations	209,332	220,363	233,996	239,056	238,432	236,227	233,486	234,618	240,604	239,457	237,454	238,043
Scientists	126,290	132,408	141,170	144,955	145,355	144,767	143,142	143,080	147,561	146,641	144,831	144,685
Computer and mathematical scientists	42,695	45,424	49,343	51,612	52,633	52,600	52,332	53,518	54,901	55,081	55,135	55,827
Life scientists	36,168	37,349	38,999	39,060	38,089	37,162	36,322	36,234	36,422	35,974	34,929	34,357
Physical scientists	22,141	22,723	23,433	23,282	22,870	22,329	21,736	21,706	21,903	21,713	21,349	21,129
Social scientists	25,286	26,912	29,395	31,001	31,763	32,676	32,752	31,622	34,335	33,873	33,418	33,372
Engineers	83,042	87,955	92,826	94,101	93,077	91,460	90,344	91,538	93,043	92,816	92,623	93,358
Aerospace engineers	8,252	8,453	8,655	8,645	8,522	8,426	8,409	8,554	8,637	8,658	8,690	8,573
Chemical engineers	1,039	1,072	1,094	1,073	1,046	1,004	1,030	1,065	1,055	1,060	1,037	1,014
Civil engineers	9,239	10,282	10,915	11,090	10,756	10,312	9,825	9,643	9,701	9,570	9,513	9,685
Electrical, electronics, and computer engineers	25,092	25,910	27,001	26,991	26,723	26,172	25,833	26,110	26,329	26,221	25,821	25,558
Industrial engineers	1,488	1,609	1,825	1,834	1,775	1,756	1,717	1,722	1,732	1,646	1,593	1,546
Mechanical engineers	9,408	10,307	11,050	11,142	11,066	10,850	10,780	11,248	11,760	11,955	12,290	12,622
Other engineers	28,524	30,322	32,286	33,326	33,189	32,940	32,750	33,196	33,829	33,706	33,679	34,360
With disability												
All occupations	12,035	12,859	13,982	14,905	16,169	17,259	17,584	18,466	19,482	21,183	25,054	28,583
Scientists	8,136	8,765	9,599	10,326	11,367	12,134	12,477	13,117	13,950	15,157	17,603	20,110

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(Number)

Occupation and disability status	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Computer and mathematical scientists	3,459	3,782	4,174	4,613	5,116	5,677	5,901	6,428	6,982	7,691	9,285	10,707
Life scientists	1,731	1,819	2,027	2,098	2,268	2,219	2,225	2,283	2,311	2,393	2,548	2,760
Physical scientists	1,034	1,134	1,187	1,228	1,299	1,323	1,291	1,306	1,351	1,445	1,639	1,859
Social scientists	1,912	2,030	2,211	2,387	2,684	2,915	3,060	3,100	3,306	3,628	4,131	4,784
Engineers	3,899	4,094	4,383	4,579	4,802	5,125	5,107	5,349	5,532	6,026	7,451	8,473
Aerospace engineers	354	359	385	388	385	413	409	427	446	481	619	675
Chemical engineers	40	47	47	46	50	50	55	60	55	64	74	85
Civil engineers	477	522	572	582	569	566	537	556	552	582	713	810
Electrical, electronics, and computer engineers	1,192	1,172	1,245	1,283	1,361	1,475	1,467	1,512	1,556	1,672	2,033	2,286
Industrial engineers	75	86	98	108	111	116	118	129	134	143	167	178
Mechanical engineers	412	427	456	455	490	530	523	552	563	633	888	1,042
Other engineers	1,349	1,481	1,580	1,717	1,836	1,975	1,998	2,113	2,226	2,451	2,957	3,397
Disability status unknown												
All occupations	5,153	5,463	5,679	5,860	5,828	5,897	6,059	6,606	7,413	7,475	6,822	6,384
Scientists	3,334	3,501	3,646	3,845	3,878	3,970	4,082	4,498	5,129	5,218	4,779	4,484
Computer and mathematical scientists	1,195	1,334	1,394	1,476	1,540	1,622	1,721	2,027	2,389	2,457	2,232	2,110
Life scientists	783	785	814	881	861	836	841	866	943	997	941	878
Physical scientists	663	646	648	659	639	595	588	596	625	616	561	524
Social scientists	693	736	790	829	838	917	932	1,009	1,172	1,148	1,045	972
Engineers	1,819	1,962	2,033	2,015	1,950	1,927	1,977	2,108	2,284	2,257	2,043	1,900
Aerospace engineers	225	228	237	248	252	240	230	248	253	249	237	215
Chemical engineers	33	32	27	27	25	25	27	23	25	25	22	20
Civil engineers	207	226	241	256	251	239	241	241	266	256	234	216
Electrical, electronics, and computer engineers	499	536	541	534	521	498	499	533	585	565	524	478
Industrial engineers	35	37	38	36	39	41	45	54	48	46	41	40
Mechanical engineers	212	223	236	210	192	190	203	233	249	253	222	200
Other engineers	608	680	713	704	670	694	732	776	858	863	763	731

Note(s):

National Center for Science and Engineering Statistics tabulations from data provided by the Office of Personnel Management. Data do not include the State Department Foreign Service. Data are as of September of each year. The wording of the disability question was changed in 2017 from "I do not wish to identify my disability status." to "I do not wish to identify my disability or serious health condition." Under the new wording, those who chose to not identify were classified as "with disability" which increased the reported number of scientists and engineers with a disability. Previously those who chose to not identify their status were not classified as with a disability.

Source(s):

National Center for Science and Engineering Statistics, special tabulations (2020) of Office of Personnel Management data.