Table 8-22
S&E doctorate holders as share of workforce, by state: 1997, 2001, and 2003

State	S&E doctorate holders			Employed workforce			S&E doctorate holders in workforce (%)		
	1997	2001	2003	1997	2001	2003	1997	2001	2003
United States	503,290	555,360	567,690	130,988,267	137,107,740	137,406,413	0.38	0.41	0.41
Alabama	6,440	5,170	5,500	2,035,156	2,033,230	2,009,039	0.32	0.25	0.27
Alaska	1,110	1,160	1,050	289,963	300,917	305,063	0.38	0.39	0.34
Arizona	6,130	6,800	7,110	2,196,901	2,453,066	2,553,169	0.28	0.28	0.28
Arkansas	2,250	2,460	2,670	1,177,143	1,193,249	1,204,539	0.19	0.21	0.22
California	68,390	78,020	83,150	14,780,791	16,217,495	16,223,451	0.46	0.48	0.51
Colorado	10,350	11,450	12,180	2,154,294	2,301,155	2,325,210	0.48	0.50	0.52
Connecticut	8,470	9,340	10,140	1,674,937	1,698,274	1,706,170	0.51	0.55	0.59
Delaware	3,520	3,470	2,600	378,117	405,111	403,759	0.93	0.86	0.64
District of Columbia	11,580	13,840	6,490	262,789	287,552	276,595	4.41	4.81	2.35
Florida	12,820	15,040	15,590	7,040,660	7,633,728	7,763,860	0.18	0.20	0.20
Georgia	9,640	11,710	12,060	3,751,699	4,107,109	4,134,525	0.26	0.29	0.29
Hawaii	2,420	2,570	2,960	566,766	586,754	588,637	0.43	0.44	0.50
Idaho	1,990	2,160	2,480	598,004	642,908	654,222	0.33	0.34	0.38
Illinois	21,020	21,670	21,410	5,988,296	6,121,940	5,934,131	0.35	0.35	0.36
Indiana	7,460	9,490	8,980	3,014,499	3,020,287	3,000,784	0.25	0.31	0.30
Iowa	4,030	4,280	4,450	1,555,837	1,569,541	1,548,215	0.26	0.27	0.29
Kansas	3,720	3,890	4,050	1,329,797	1,348,506	1,366,061	0.28	0.29	0.30
Kentucky	3,980	4,380	4,740	1,809,785	1,854,296	1,856,204	0.22	0.24	0.26
Louisiana	5,210	5,000	5,180	1,890,102	1,921,056	1,914,550	0.28	0.26	0.27
Maine	2,140	1,940	2,000	624,410	649,955	659,579	0.34	0.30	0.30
Maryland	20,660	22,090	27,050	2,646,200	2,719,498	2,751,455	0.78	0.81	0.98
Massachusetts	22,960	28,390	28,950	3,158,851	3,274,561	3,215,624	0.73	0.87	0.90
Michigan	14,750	16,940	16,280	4,748,691	4,864,600	4,695,148	0.31	0.35	0.35
Minnesota	9,660	11,070	10,770	2,605,673	2,764,353	2,786,091	0.37	0.40	0.39
Mississippi	2,970	3,120	3,080	1,200,845	1,229,964	1,237,198	0.25	0.25	0.25
Missouri	9,300	8,860	8,730	2,780,185	2,856,402	2,845,802	0.33	0.31	0.31
Montana	1,580	1,330	1,660	427,504	447,213	452,493	0.37	0.30	0.37
Nebraska	2,930	2,840	2,730	904,492	926,926	936,736	0.32	0.31	0.29
Nevada	1,620	2,010	1,820	895,258	1,043,911	1,089,709	0.18	0.19	0.17
New Hampshire	2,190	2,320	2,710	635,469	680,587	685,366	0.34	0.34	0.40
New Jersey	19,970	22,130	21,900	4,031,022	4,111,546	4,115,123	0.50	0.54	0.53
New Mexico	7,120	7,370	7,640	768,596	819,413	840,858	0.93	0.90	0.91
New York	38,830	42,570	40,510	8,416,544	8,729,849	8,705,319	0.46	0.49	0.47
North Carolina	13,470	16,250	17,130	3,809,601	3,948,692	3,957,077	0.35	0.41	0.43
North Dakota	1,330	1,080	1,110	335,854	336,939	338,809	0.40	0.32	0.33
Ohio	18,200	19,270	20,130	5,448,161	5,570,389	5,506,038	0.33	0.35	0.37
Oklahoma	4,430	4,110	4,160	1,543,105	1,615,033	1,614,418	0.29	0.25	0.26
Oregon	5,980	6,900	7,280	1,652,997	1,708,957	1,701,577	0.36	0.40	0.43
Pennsylvania	23,110	25,520	26,900	5,775,178	5,870,495	5,835,076	0.40	0.43	0.46
Rhode Island	2,400	2,600	3,060	504,147	520,008	537,873	0.48	0.50	0.57
South Carolina	4,620	5,030	4,810	1,819,508	1,850,436	1,878,397	0.25	0.27	0.26
South Dakota	1,000	970	940	383,216	400,574	408,805	0.26	0.24	0.23
Tennessee	8,350	8,570	8,680	2,640,005	2,728,496	2,742,225	0.32	0.31	0.32
Texas	27,990	31,710	32,430	9,395,279	10,003,723	10,195,950	0.30	0.32	0.32
Utah	4,670	4,720	4,160	1,034,429	1,103,028	1,121,088	0.45	0.43	0.37
Vermont	1,750	1,630	1,660	315,806	329,460	335,823	0.55	0.49	0.49
Virginia	14,860	16,880	20,890	3,323,266	3,524,335	3,612,229	0.45	0.48	0.58
Washington	12,860	14,270	14,960	2,822,223	2,861,417	2,926,836	0.46	0.50	0.51
West Virginia	1,930	1,840	2,040	746,442	762,107	747,637	0.26	0.24	0.27
Wisconsin	8,320	8,290	8,060	2,855,830	2,898,949	2,896,670	0.29	0.29	0.28
Wyoming	810	840	670	243,944	259,750	265,200	0.33	0.32	0.25
Puerto Rico	650	1,400	1,610	1,132,658	1,133,988	1,200,322	0.06	0.12	0.13

NOTES: Survey of Doctorate Recipients sample design does not include geography. Data on S&E doctorate holders are classified by employment location, and workforce data are based on respondents' residence. Thus, the reliability of data for areas with smaller populations is lower than for more populous states. Workforce represents employed component of civilian labor force and is reported as annual data, not seasonally adjusted.

SOURCES: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients; and U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics.

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