Characteristics of Science & Engineering Doctorate Recipients: Selected Trend Tables 1993, 1995, and 1997

Data presented in these trend tables are derived from the National Science Foundation Survey of Doctorate Recipients (SDR). These Web trend tables are intended to display changes in selected characteristics among science and engineering doctorate holders in the United States, such as demographics, employment and salaries.

The estimates in these tables are also available in the Characteristics of Doctorate Scientists and Engineers report series for 1993, 1995, and 1997. Users can refer to the Characteristics reports for trends not shown in these tables. More trend tables will be added in the future based on the need.

The 1993 and 1995 estimates in these trend tables may show small differences from the estimates in the respective Characteristics reports for those years because the trend tables use estimates from the respondents' most recent doctorate degree field, not their first doctorate as in the Characteristics reports. Also, fields of study are aggregated differently in the 1997 Characteristics report, and these trend tables put the 1993 and 1995 data into the new 1997 field of study groupings.

Please see "Important Notes on the Tables" in the Technical Notes section in the Characteristics of Doctorate Scientists and Engineers: 1997 for more detail on the changes in the way major fields are presented. Also, due to significant survey redesign introduced in 1993, comparisons of the 1993-1997 data to the 1991 data or prior years are not advisable. See the Technical Notes for information on the sample design and sampling error for the estimates presented in these trend tables. Also, the groupings for field and occupation can be found in Appendices B and C.

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Table S1. Employed doctoral scientists and engineers by field of doctorate, sex and race/ethnicity: 1993, 1995, and 1997

Field and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Total												
1993	462,870	100.0	67.1	9.4	1.4	1.5	0.3	17.2	1.7	0.7	0.5	0.1
1995	484,780	100.0	64.8	10.0	1.4	1.7	0.3	18.2	2.1	0.7	0.6	0.1
1997	518,440	100.0	62.8	10.9	1.5	1.6	0.3	19.1	2.4	0.8	0.7	0.1
Sciences												
1993	387,760	100.0	66.9	6.5	1.4	1.5	0.3	20.0	1.9	0.8	0.6	0.1
1995	406,110	100.0	64.7	7.0	1.5	1.6	0.3	21.1	2.2	0.8	0.7	0.1
1997	429,820	100.0	62.5	7.5	1.5	1.6	0.3	22.2	2.6	0.9	0.7	0.1
Computer/math sciences												
1993	27,950	100.0	71.1	12.9	1.2	2.4	0.2	9.4	2.2	0.2	0.3	S
1995	29,270	100.0	68.9	14.5	1.2	2.6	0.2	9.6	2.4	0.3	0.4	S
1997	32,400	100.0	66.2	16.5	1.3	1.8	S	10.7	2.7	0.3	0.4	S
Computer/information sciences												
1993	5,150	100.0	57.5	23.7	1.0	2.7	S	11.7	2.7	S	S	S
1995	6,450	100.0	55.8	25.3	0.8	2.6	S	11.5	3.3	S	S	S
1997	8,000	100.0	54.3	25.9	1.1	2.0	S	12.8	3.3	S	S	S
Mathematical sciences												
1993	22,800	100.0	74.3	10.5	1.3	2.3	0.3	8.9	2.1	S	0.3	S
1995	22,820	100.0	72.7	11.4	1.3	2.5	0.2	9.0	2.1	0.2	0.4	S
1997	24,400	100.0	70.2	13.4	1.4	1.8	S	10.1	2.5	0.2	0.4	S
Biological/agricultural sciences												
1993	110,920	100.0	68.2	6.2	1.1	1.3	0.2	19.4	2.5	0.5	0.4	0.1
1995	116,690	100.0	65.8	7.0	1.2	1.4	0.2	20.3	2.9	0.5	0.6	0.1
1997	124,600	100.0	63.9	7.5	1.2	1.4	0.2	20.8	3.7	0.6	0.6	0.1
Agricultural/food sciences												
1993	15,100	100.0	75.6	8.3	1.4	1.8	S	10.4	2.0	S	S	S
1995	15,440	100.0	73.0	9.5	1.4	1.9	S	11.2	2.3	S	0.5	S
1997	15,670	100.0	73.0	8.5	1.6	2.0	S	11.4	2.9	S	0.3	S
Biological sciences												
1993	91,970	100.0	66.2	6.0	1.1	1.2	0.2	21.4	2.7	0.6	0.5	0.1
1995	97,370	100.0	63.9	6.7	1.2	1.3	0.2	22.3	3.1	0.6	0.6	0.1
1997	104,630	100.0	61.8	7.4	1.2	1.3	0.2	22.8	3.9	0.7	0.7	0.1
Environmental life sciences												
1993	3,850	100.0	87.3	3.1	S	S	S	6.2	S	S	S	S
1995	3,890	100.0	83.3	5.1	S	S	1.3	6.9	S	S	S	S
1997	4,300	100.0	81.2	5.3	1.6	1.2	S	8.1	1.2	S	S	S
Health sciences												
1993	13,670	100.0	43.4	5.7	1.6	1.0	S	41.6	2.7	2.3	1.0	0.4
1995	15,460	100.0	40.5	5.2	1.7	1.0	S	44.0	3.1	2.5	1.0	0.6
1997	17,180	100.0	38.8	5.6	1.7	1.1	S	44.8	3.6	2.6	1.3	0.4

See explanatory information and SOURCE at the end of table.

Table S1. Employed doctoral scientists and engineers by field of doctorate, sex and race/ethnicity: 1993, 1995, and 1997

Field and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Physical/related sciences												
1993	98,540	100.0	76.9	10.4	1.0	1.6	0.3	7.6	2.0	0.1	0.3	S
1995	101,300	100.0	75.2	10.8	1.1	1.8	0.2	8.1	2.4	0.1	0.3	S
1997	105,250	100.0	73.1	11.5	1.3	1.8	0.3	8.8	2.6	0.1	0.3	S
Chemistry, except biochem												
1993	51,760	100.0	73.2	10.6	1.3	1.7	0.3	9.6	2.6	0.2	0.4	S
1995	52,530	100.0	71.7	10.6	1.5	2.1	0.3	10.2	3.1	0.2	0.4	S
1997	54,220	100.0	69.1	11.5	1.7	2.0	0.4	11.2	3.4	0.2	0.5	S
Earth/atmos/ocean sciences												
1993	13,620	100.0	81.6	5.6	S	1.2	S	10.1	0.8	S	S	S
1995	14,370	100.0	79.5	5.8	0.3	1.5	0.3	11.1	1.0	S	S	S
1997	15,110	100.0	77.8	7.0	S	1.8	S	11.5	1.3	S	S	S
Physics and astronomy												
1993	33,150	100.0	80.7	11.9	0.7	1.4	0.2	3.4	1.5	S	0.2	S
1995	34,410	100.0	78.7	13.3	0.8	1.5	0.1	3.7	1.8	S	0.1	S
1997	35,920	100.0	77.1	13.5	1.1	1.6	0.3	4.2	2.1	S	0.1	S
Social sciences												
1993	65,660	100.0	65.2	4.8	2.8	1.8	0.5	21.6	1.4	1.1	0.7	S
1995	67,600	100.0	63.2	5.2	2.5	1.8	0.6	22.7	1.8	1.2	0.8	0.1
1997	71,070	100.0	60.7	5.4	2.6	1.9	0.5	24.7	2.0	1.3	0.8	0.1
Economics												
1993	19,410	100.0	74.8	7.3	2.7	2.0	0.3	10.9	1.6	0.3	S	S
1995	19,860	100.0	74.0	8.4	1.9	1.6	0.4	11.2	2.0	0.4	0.3	S
1997	20,080	100.0	70.7	9.1	2.2	2.0	0.2	12.6	2.5	0.4	0.3	S
Political/related sciences												
1993	14,290	100.0	71.3	4.6	4.1	1.5	0.3	16.4	0.5	1.0	0.3	S
1995	14,780	100.0	68.4	4.5	3.7	2.5	0.7	17.3	0.7	1.4	0.7	S
1997	15,820	100.0	69.6	3.7	3.6	1.7	0.3	18.2	0.8	1.5	0.6	S
Sociology												
1993	12,200	100.0	57.3	2.4	3.4	1.3	S	31.4	1.3	1.6	0.8	S
1995	12,210	100.0	55.3	2.5	3.2	1.6	S	33.0	1.5	1.7	0.8	S
1997	13,230	100.0	54.8	2.2	3.4	1.6	S	32.7	2.0	1.8	1.2	S
Other social sciences												
1993	19,760	100.0	56.2	4.1	1.8	2.1	1.1	30.0	1.8	1.5	1.4	S
1995	20,750	100.0	54.0	4.3	1.9	1.7	0.9	31.4	2.5	1.6	1.5	S
1997	21,940	100.0	48.6	5.4	1.7	2.1	1.2	35.7	2.3	1.8	1.3	S
Psychology												
1993	71,020	100.0	55.6	0.7	1.4	1.3	0.3	36.8	0.9	1.8	1.0	0.3
1995	75,790	100.0	53.4	1.0	1.4	1.4	0.3	38.1	0.9	1.8	1.3	0.3
1997	79,320	100.0	51.8	0.8	1.3	1.4	0.2	39.5	1.1	2.1	1.4	0.3

See explanatory information and SOURCE at the end of table.

Table S1. Employed doctoral scientists and engineers by field of doctorate, sex and race/ethnicity: 1993, 1995, and 1997

Field and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Engineering												
1993	75,110	100.0	68.1	24.5	1.2	1.7	0.2	2.9	1.1	0.1	0.2	S
1995	78,620	100.0	65.7	25.7	1.3	2.1	0.2	3.4	1.4	0.1	0.2	S
1997	88,620	100.0	63.8	27.2	1.3	1.7	0.1	3.9	1.6	0.1	0.2	S
Aerospace/aeronautical												
1993	3,050	100.0	79.0	16.4	2.0	2.0	S	S	S	S	S	S
1995	3,350	100.0	75.5	19.4	2.1	2.4	S	S	S	S	S	S
1997	3,720	100.0	75.8	19.9	0.8	1.9	S	S	S	S	S	S
Chemical												
1993	11,140	100.0	68.9	24.3	0.6	1.7	S	3.1	0.7	S	S	S
1995	10,930	100.0	66.0	25.3	1.0	2.5	S	3.5	1.4	S	S	S
1997	12,280	100.0	66.8	25.6	0.9	1.3	S	3.8	1.1	S	S	S
Civil												
1993	7,060	100.0	66.7	26.5	1.8	1.7	S	2.1	1.0	S	S	S
1995	7,400	100.0	63.0	28.0	1.6	2.7	S	3.5	0.9	S	S	S
1997	8,190	100.0	62.3	27.2	2.6	2.3	S	3.9	1.3	S	S	S
Electrical/computer												
1993	19,400	100.0	67.4	25.5	1.2	2.1	0.4	2.1	1.3	S	S	S
1995	20,770	100.0	65.5	26.4	1.3	2.3	0.3	2.3	1.7	S	S	S
1997	23,750	100.0	62.7	29.1	1.2	2.1	0.2	2.8	1.8	S	S	S
Materials/metallurgical												
1993	7,200	100.0	63.1	26.5	1.1	1.9	S	4.6	2.2	S	S	S
1995	7,850	100.0	62.5	26.4	0.9	1.4	S	6.0	2.3	S	S	S
1997	8,510	100.0	58.5	29.0	0.6	1.9	S	6.2	3.1	S	S	S
Mechanical												
1993	9,470	100.0	65.9	28.4	1.6	1.3	S	1.5	1.0	S	S	S
1995	9,710	100.0	64.4	29.8	1.4	1.4	S	1.3	1.2	S	S	S
1997	11,080	100.0	62.5	31.3	1.4	1.4	S	1.4	1.8	S	S	S
Other engineering												
1993	17,790	100.0	70.3	21.3	1.2	1.3	0.4	4.4	1.0	S	S	S
1995	18,620	100.0	67.0	22.7	1.3	1.9	0.4	5.2	1.4	S	S	S
1997	21,100	100.0	64.7	24.2	1.5	1.5	S	6.2	1.4	S	0.3	S

NOTE: Numbers are rounded to nearest ten.
Details may not add to total because of rounding.
1993 and 1995 figures may not match previously published figures.
'Other' race included with 'white'.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Total								
1993	462,870	100.0	37.4	34.3	8.1	10.5	7.7	2.0
1995	484,780	100.0	36.7	33.7	7.8	11.7	7.9	2.1
1997	518,440	100.0	35.2	33.7	8.0	12.4	8.4	2.3
Sciences								
1993	387,760	100.0	38.5	29.9	8.3	12.2	8.8	2.3
1995	406,110	100.0	37.9	29.1	8.1	13.6	8.9	2.4
1997	429,820	100.0	36.6	28.7	8.1	14.5	9.4	2.6
Computer/math sciences								
1993	27,950	100.0	56.4	27.7	3.8	7.9	3.6	0.6
1995	29,270	100.0	54.7	29.1	3.6	8.6	3.3	0.7
1997	32,400	100.0	51.2	30.4	4.4	8.9	4.5	0.7
Computer/information sciences								
1993	5,150	100.0	39.4	43.6	1.7	9.3	5.4	S
1995	6,450	100.0	40.2	42.1	2.1	9.9	4.9	0.8
1997	8,000	100.0	32.9	47.0	3.3	9.4	6.8	0.6
Mathematical sciences								
1993	22,800	100.0	60.2	24.1	4.2	7.6	3.2	0.6
1995	22,820	100.0	58.8	25.4	4.0	8.2	2.9	0.7
1997	24,400	100.0	57.2	24.9	4.7	8.7	3.7	0.7
Biological/agricultural sciences								
1993	110,920	100.0	42.3	25.2	9.6	13.8	6.6	2.5
1995	116,690	100.0	41.9	24.7	9.0	15.0	6.9	2.5
1997	124,600	100.0	41.3	24.3	8.6	16.3	6.7	2.8
Agricultural/food sciences								
1993	15,100	100.0	42.6	33.8	10.8	6.6	4.3	1.8
1995	15,440	100.0	42.0	34.1	9.8	7.0	5.3	1.9
1997	15,670	100.0	41.0	35.1	9.2	8.2	4.6	1.9
Biological sciences								
1993	91,970	100.0	42.5	23.8	8.5	15.4	7.3	2.6
1995	97,370	100.0	42.1	23.0	8.1	16.7	7.4	2.6
1997	104,630	100.0	41.6	22.6	7.7	17.9	7.3	3.0
Environmental life sciences								
1993	3,850	100.0	36.2	24.9	31.8	2.5	S	3.7
1995	3,890	100.0	35.8	26.6	29.2	3.8	1.6	3.1
1997	4,300	100.0	34.2	27.0	28.8	5.0	1.8	3.2
Health sciences								
1993	13,670	100.0	24.3	21.0	6.7	30.7	12.9	4.3
1995	15,460	100.0	23.2	19.5	6.1	33.1	13.5	4.7
1997	17,180	100.0	22.3	19.6	5.5	33.9	13.5	5.1

See explanatory information and SOURCE at the end of table.

Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Physical/related sciences								
1993	98,540	100.0	35.1	46.1	8.8	4.1	5.1	0.8
1995	101,300	100.0	35.3	45.2	8.6	4.8	5.2	0.8
1997	105,250	100.0	32.4	45.2	10.4	5.2	5.7	1.0
Chemistry, except biochem								
1993	51,760	100.0	27.9	54.2	5.2	4.6	7.6	0.6
1995	52,530	100.0	27.7	53.4	5.0	5.4	7.7	0.8
1997	54,220	100.0	25.8	53.1	5.8	5.8	8.7	0.8
Earth/atmos/ocean sciences								
1993	13,620	100.0	40.9	28.7	19.2	5.2	3.7	2.1
1995	14,370	100.0	40.7	27.8	19.2	7.1	3.6	1.7
1997	15,110	100.0	42.0	26.3	18.7	7.4	3.8	1.8
Physics and astronomy								
1993	33,150	100.0	43.9	40.6	10.3	2.9	1.8	0.5
1995	34,410	100.0	44.7	40.0	9.7	3.0	2.1	0.6
1997	35,920	100.0	38.4	41.2	14.0	3.3	2.2	1.0
Social sciences								
1993	65,660	100.0	49.8	16.9	8.4	15.9	6.1	2.9
1995	67,600	100.0	48.2	17.0	8.3	17.5	6.0	3.1
1997	71,070	100.0	47.4	16.2	7.5	19.4	6.4	3.1
Economics								
1993	19,410	100.0	55.2	22.2	9.6	6.8	3.3	2.9
1995	19,860	100.0	55.6	21.5	9.0	7.0	3.4	3.4
1997	20,080	100.0	49.9	23.7	10.6	7.8	4.7	3.3
Political/related sciences								
1993	14,290	100.0	56.2	16.0	9.6	12.1	4.5	1.6
1995	14,780	100.0	54.3	15.7	9.8	14.3	3.5	2.3
1997	15,820	100.0	55.6	14.8	8.6	14.9	3.5	2.7
Sociology								
1993	12,200	100.0	48.9	10.3	5.4	24.5	7.9	2.9
1995	12,210	100.0	46.3	10.9	5.6	26.6	8.2	2.4
1997	13,230	100.0	47.8	9.9	4.4	27.7	7.5	2.7
Other social sciences								
1993	19,760	100.0	40.6	16.6	8.1	22.4	8.6	3.8
1995	20,750	100.0	38.3	17.9	8.2	24.5	8.9	3.9
1997	21,940	100.0	39.1	14.1	5.7	28.5	9.3	3.4
Psychology								
1993	71,020	100.0	22.6	29.1	7.7	15.7	21.1	3.9
1995	75,790	100.0	22.3	27.4	7.9	17.6	21.1	3.8
1997	79,320	100.0	22.1	26.5	6.9	17.7	22.4	4.3

See explanatory information and SOURCE at the end of table.

Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Engineering								
1993	75,110	100.0	31.9	57.0	6.8	1.5	2.3	0.4
1995	78,620	100.0	31.0	57.4	6.5	2.1	2.6	0.4
1997	88,620	100.0	28.8	57.6	7.7	2.1	3.2	0.6
Aerospace/aeronautical								
1993	3,050	100.0	36.7	50.4	11.9	S	S	S
1995	3,350	100.0	35.4	50.9	12.7	S	S	S
1997	3,720	100.0	29.8	56.2	12.5	S	S	S
Chemical								
1993	11,140	100.0	19.6	72.0	3.9	1.5	2.8	S
1995	10,930	100.0	20.8	70.5	3.5	1.4	3.7	S
1997	12,280	100.0	19.9	70.4	4.1	1.5	3.9	S
Civil								
1993	7,060	100.0	40.5	44.3	12.0	1.2	1.4	S
1995	7,400	100.0	39.4	47.0	9.1	2.9	1.0	S
1997	8,190	100.0	41.8	42.3	10.4	2.4	1.9	1.2
Electrical/computer								
1993	19,400	100.0	30.9	60.4	5.3	1.3	2.1	S
1995	20,770	100.0	28.9	62.4	4.5	1.6	2.4	0.2
1997	23,750	100.0	27.9	61.6	5.7	1.8	2.6	0.4
Materials/metallurgical								
1993	7,200	100.0	21.2	66.5	5.1	1.5	4.7	1.0
1995	7,850	100.0	20.3	65.8	5.1	2.8	5.0	0.9
1997	8,510	100.0	16.2	65.4	8.7	2.5	6.1	1.1
Mechanical								
1993	9,470	100.0	33.2	57.6	6.4	1.4	1.1	S
1995	9,710	100.0	31.9	59.1	5.8	1.5	1.2	S
1997	11,080	100.0	29.3	61.6	5.7	0.7	2.3	S
Other engineering								
1993	17,790	100.0	40.2	46.1	8.1	2.2	2.5	0.8
1995	18,620	100.0	39.1	44.9	9.3	3.2	2.7	0.8
1997	21,100	100.0	34.6	46.1	11.0	3.4	3.6	0.9

NOTE: Numbers are rounded to nearest ten.
Details may not add to total and percents may not add to 100 because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Total								
1993	462,870	100.0	40.8	34.7	8.8	4.5	5.9	0.7
1995	484,780	100.0	40.8	33.7	8.6	4.9	6.3	0.8
1997	518,440	100.0	39.6	33.3	8.8	5.2	7.2	1.0
Sciences								
1993	387,760	100.0	43.8	33.7	9.4	4.2	3.5	0.7
1995	406,110	100.0	43.9	32.7	9.2	4.6	3.9	0.8
1997	429,820	100.0	42.9	32.4	9.3	5.0	4.3	0.8
Computer/math sciences								
1993	27,950	100.0	52.0	24.8	3.8	9.0	5.8	0.4
1995	26,270	100.0	50.2	24.8	3.5	9.5	6.7	0.6
1997	32,400	100.0	47.2	25.6	4.2	10.1	8.4	0.7
Computer/information sciences								
1993	5,150	100.0	33.2	33.8	2.2	12.8	13.5	S
1995	6,450	100.0	33.4	31.1	2.7	14.0	14.4	S
1997	8,000	100.0	28.6	34.4	3.8	11.6	17.5	S
Mathematical sciences								
1993	22,800	100.0	56.2	22.8	4.1	8.1	4.0	0.5
1995	22,820	100.0	55.0	23.0	3.7	8.2	4.6	0.8
1997	24,400	100.0	53.3	22.6	4.3	9.6	5.4	0.9
Biological/agricultural sciences								
1993	110,920	100.0	48.8	28.1	10.7	5.0	2.8	1.0
1995	116,690	100.0	48.7	27.5	10.0	5.7	3.2	1.1
1997	124,600	100.0	48.1	26.6	9.9	6.8	3.3	1.0
Agricultural/food sciences								
1993	15,100	100.0	42.1	32.7	11.1	5.5	3.6	1.2
1995	15,440	100.0	40.5	33.3	10.3	5.9	4.8	1.2
1997	15,670	100.0	41.0	33.3	10.0	5.5	5.1	0.8
Biological sciences								
1993	91,970	100.0	50.5	27.6	9.6	5.1	2.7	0.9
1995	97,370	100.0	50.5	26.6	9.1	5.8	2.9	1.1
1997	104,630	100.0	49.8	25.7	9.1	7.1	3.1	1.1
Environmental life sciences								
1993	3,850	100.0	35.7	24.2	33.4	1.8	1.4	S
1995	3,890	100.0	35.1	25.1	30.1	3.2	2.7	S
1997	4,300	100.0	34.0	25.7	29.7	3.0	S	S
Health sciences								
1993	13,670	100.0	47.9	27.9	9.2	3.2	4.4	0.8
1995	15,460	100.0	48.8	27.1	8.6	2.8	4.4	1.1
1997	17,180	100.0	47.8	27.2	8.6	3.4	4.5	1.2

See explanatory information and SOURCE at the end of table.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Physical/related sciences								
1993	98,540	100.0	32.9	42.9	8.6	4.6	6.9	0.8
1995	101,300	100.0	33.4	41.5	8.4	4.9	7.5	0.8
1997	105,250	100.0	31.1	40.9	9.9	4.6	8.5	1.0
Chemistry, except biochem								
1993	51,760	100.0	26.5	51.2	5.1	3.9	8.7	0.6
1995	52,530	100.0	27.3	49.6	5.0	3.7	9.4	0.6
1997	54,220	100.0	25.4	49.4	5.5	4.1	10.1	0.7
Earth/atmos/ocean sciences								
1993	13,620	100.0	42.1	29.4	20.1	2.8	2.5	1.1
1995	14,370	100.0	42.3	28.5	19.8	3.8	2.3	0.7
1997	15,110	100.0	44.6	25.7	19.0	3.6	3.7	1.0
Physics and astronomy								
1993	33,150	100.0	39.0	35.6	9.4	6.5	6.0	0.9
1995	34,410	100.0	39.0	34.5	8.8	7.3	6.8	0.9
1997	35,920	100.0	34.1	34.5	12.7	5.9	8.0	1.6
Social sciences								
1993	65,660	100.0	56.8	18.6	10.2	4.0	1.6	0.5
1995	67,600	100.0	56.4	19.4	10.1	4.4	1.9	0.6
1997	71,070	100.0	56.7	19.4	9.3	4.8	1.8	0.8
Economics								
1993	19,410	100.0	53.5	17.6	11.4	5.3	2.9	0.7
1995	19,860	100.0	54.2	19.8	11.1	6.0	3.3	1.1
1997	20,080	100.0	48.4	23.0	11.9	6.5	3.4	1.7
Political/related sciences								
1993	14,290	100.0	59.7	17.2	10.1	3.5	1.2	0.3
1995	14,780	100.0	59.5	15.9	10.3	3.7	1.2	0.3
1997	15,820	100.0	61.8	15.7	10.2	3.0	1.2	0.3
Sociology								
1993	12,200	100.0	64.5	16.1	7.4	2.8	0.5	0.4
1995	12,210	100.0	63..7	17.6	7.0	2.8	0.8	0.4
1997	13,230	100.0	65.2	16.0	6.3	3.2	0.6	S
Other social sciences								
1993	19,760	100.0	53.0	22.1	10.9	3.9	1.5	0.5
1995	20,750	100.0	52.1	22.6	10.7	4.4	1.8	0.6
1997	21,940	100.0	55.1	20.7	8.2	5.6	1.5	0.5
Psychology								
1993	71,020	100.0	35.0	47.2	10.2	0.8	0.5	0.3
1995	75,790	100.0	35.9	45.1	10.5	0.9	0.7	0.3
1997	79,320	100.0	35.3	46.0	10.0	1.0	0.5	0.3

See explanatory information and SOURCE at the end of table.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Engineering								
1993	75,110	100.0	25.8	39.4	5.8	6.2	18.3	1.1
1995	78,620	100.0	24.7	38.8	5.6	6.8	19.2	1.1
1997	88,620	100.0	23.5	38.0	6.3	6.0	21.1	1.8
Aerospace/aeronautical								
1993	3,050	100.0	30.6	40.7	8.5	4.9	9.2	2.5
1995	3,350	100.0	27.2	39.8	9.2	6.2	10.1	3.2
1997	3,720	100.0	24.7	43.1	9.0	4.2	12.9	3.2
Chemical								
1993	11,140	100.0	16.6	52.3	3.2	3.7	20.6	0.8
1995	10,930	100.0	16.6	50.2	2.6	4.5	21.3	0.9
1997	12,280	100.0	16.1	51.5	3.0	4.4	21.0	1.2
Civil								
1993	7,060	100.0	35.1	24.4	9.2	4.8	20.0	2.7
1995	7,400	100.0	35.4	24.1	6.9	4.3	22.2	2.4
1997	8,190	100.0	35.3	23.3	7.6	6.2	19.0	3.4
Electrical/computer								
1993	19,400	100.0	24.1	41.1	4.3	6.2	19.8	0.7
1995	20,770	100.0	22.1	41.5	4.2	6.4	21.5	0.3
1997	23,750	100.0	22.7	37.8	4.9	5.4	24.5	0.9
Materials/metallurgical								
1993	7,200	100.0	15.0	46.7	5.8	6.4	22.2	S
1995	7,850	100.0	14.3	48.2	6.0	7.6	21.0	S
1997	8,510	100.0	10.8	46.1	7.9	6.8	23.6	1.8
Mechanical								
1993	9,470	100.0	24.0	38.8	4.6	9.4	18.5	1.5
1995	9,710	100.0	22.7	39.4	3.6	9.6	19.4	2.0
1997	11,080	100.0	21.7	38.1	4.1	7.2	24.1	1.8
Other engineering								
1993	17,790	100.0	34.0	32.8	7.9	6.9	14.4	0.9
1995	18,620	100.0	32.9	30.6	8.6	7.8	15.0	1.3
1997	21,100	100.0	29.9	31.6	9.3	6.7	16.7	2.2

See explanatory information and SOURCE at the end of table.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black			Hispanic			Alaskan Native/American Indian		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational institution	Industry	Government
	Percent								
Total									
1993	1.2	0.6	0.3	1.1	0.7	0.2	0.2	0.1	S
1995	1.3	0.6	0.3	1.3	0.8	0.2	0.2	0.1	S
1997	1.4	0.6	0.3	1.3	0.8	0.2	0.2	0.1	S
Sciences									
1993	1.3	0.6	0.3	1.2	0.6	0.2	0.2	0.1	0.1
1995	1.4	0.6	0.3	1.3	0.7	0.2	0.2	0.1	0.1
1997	1.6	0.6	0.3	1.4	0.7	0.2	0.2	0.1	S
Computer/math sciences									
1993	1.1	0.3	S	2.1	0.6	S	0.2	S	S
1995	1.2	0.2	S	2.3	0.6	S	S	S	S
1997	1.1	0.4	S	1.6	0.5	S	S	S	S
Computer/information sciences									
1993	S	S	S	1.9	1.1	S	S	S	S
1995	1.0	S	S	1.7	1.3	S	S	S	S
1997	0.8	0.8	S	1.2	1.1	S	S	S	S
Mathematical sciences									
1993	1.2	0.2	0.0	2.1	0.4	S	0.2	S	0.1
1995	1.2	0.2	0.1	2.5	0.4	0.1	S	S	S
1997	1.2	0.3	0.2	1.7	0.3	0.1	S	S	S
Biological/agricultural sciences									
1993	1.0	0.4	0.2	1.1	0.5	0.2	0.1	0.1	0.1
1995	1.2	0.4	0.3	1.3	0.5	0.1	0.1	0.1	0.1
1997	1.2	0.4	0.2	1.3	0.5	0.2	0.1	0.1	0.1
Agricultural/food sciences									
1993	0.7	0.8	S	0.9	0.9	S	S	S	S
1995	1.0	0.4	S	1.5	0.8	S	S	S	S
1997	1.3	0.3	S	1.3	0.9	S	S	S	S
Biological sciences									
1993	1.1	0.3	0.3	1.1	0.4	0.2	0.1	0.1	S
1995	1.2	0.4	0.3	1.3	0.5	0.1	0.1	0.1	S
1997	1.2	0.4	0.3	1.3	0.5	0.2	0.1	0.1	0.1
Environmental life sciences									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	1.3	S	S	S	S	S	S	S	S
Health sciences									
1993	2.4	0.7	0.7	1.2	0.5	S	0.3	S	S
1995	3.0	0.6	0.7	1.2	0.5	0.3	0.5	0.3	S
1997	2.9	0.9	0.5	1.7	0.5	0.3	0.4	S	S

See explanatory information and SOURCE at the end of table.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black			Hispanic			Alaskan Native/American Indian		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational institution	Industry	Government
	Percent								
Physical/related sciences									
1993	0.6	0.4	0.1	1.0	0.8	0.2	0.2	0.1	S
1995	0.6	0.5	0.1	1.0	0.9	0.2	0.1	0.1	S
1997	0.7	0.5	0.2	1.0	0.9	0.3	0.1	0.2	S
Chemistry, except biochem									
1993	0.8	0.6	0.1	1.0	1.1	S	0.2	0.1	S
1995	0.7	0.8	0.1	1.2	1.2	S	0.2	0.2	S
1997	0.9	0.9	0.2	1.2	1.2	0.1	0.2	0.2	S
Earth/atmos/ocean sciences									
1993	S	S	S	0.8	0.5	S	S	S	S
1995	1.4	S	S	1.1	0.4	S	S	S	S
1997	S	S	S	0.9	0.6	0.5	S	S	S
Physics and astronomy									
1993	0.4	0.2	S	0.9	0.4	0.3	S	S	S
1995	0.6	0.2	0.1	0.7	0.5	0.4	S	S	S
1997	0.8	S	0.2	0.7	0.5	0.4	S	0.2	S
Social sciences									
1993	2.7	0.9	0.4	1.8	0.5	0.1	0.5	0.1	S
1995	2.7	0.6	0.5	1.8	0.7	0.2	0.4	0.1	0.1
1997	3.0	0.5	0.3	1.9	0.6	0.1	0.5	0.1	S
Economics									
1993	1.8	1.0	0.2	1.2	0.9	0.2	0.3	S	S
1995	1.5	0.7	S	0.9	0.8	0.2	S	S	S
1997	1.6	0.9	S	1.1	1.0	0.2	S	S	S
Political/related sciences									
1993	3.7	0.8	0.6	1.0	0.6	S	0.3	S	S
1995	3.6	0.9	0.7	1.5	1.3	0.4	0.4	S	0.4
1997	4.2	0.4	0.5	1.1	1.0	S	0.3	S	S
Sociology									
1993	4.0	0.8	S	1.7	S	S	0.4	S	S
1995	4.0	0.5	0.4	2.1	S	S	S	S	S
1997	4.5	S	0.4	2.2	0.4	S	0.4	S	S
Other social sciences									
1993	2.1	0.8	0.4	3.0	0.5	S	0.9	S	S
1995	2.4	0.6	0.6	2.6	0.6	S	0.9	S	S
1997	2.6	0.6	0.3	3.0	0.3	S	1.1	0.2	S
Psychology									
1993	1.5	1.2	0.5	0.9	1.0	0.4	0.2	0.3	0.1
1995	1.6	1.2	0.4	1.2	1.0	0.4	0.2	0.3	0.1
1997	1.8	1.2	0.5	1.5	1.1	0.3	0.2	0.2	0.1

See explanatory information and SOURCE at the end of table.

Table S3. Employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black			Hispanic			Alaskan Native/American Indian		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational institution	Industry	Government
	Percent								
Engineering									
1993	0.6	0.6	0.1	0.7	0.9	0.2	0.1	0.1	S
1995	0.6	0.7	0.1	0.9	1.1	0.1	0.1	0.1	S
1997	0.6	0.8	0.1	0.7	1.0	0.1	0.1	0.1	S
Aerospace/aeronautical									
1993	1.2	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S
Chemical									
1993	0.3	0.5	S	0.6	1.4	S	S	S	S
1995	0.3	0.9	0.0	0.8	1.8	S	S	S	S
1997	0.4	0.7	0.0	0.6	1.0	S	S	S	S
Civil									
1993	1.1	S	S	S	0.9	S	S	S	S
1995	1.1	S	S	1.4	1.2	S	S	S	S
1997	1.8	S	S	0.8	1.4	S	S	S	S
Electrical/computer									
1993	0.5	0.6	S	1.1	0.8	0.3	S	S	S
1995	0.6	0.6	S	1.2	1.0	S	S	S	S
1997	0.4	0.8	S	0.9	1.0	0.2	S	S	S
Materials/metallurgical									
1993	S	1.0	S	1.0	1.3	S	S	S	S
1995	S	0.8	S	0.9	0.9	S	S	S	S
1997	S	0.7	S	1.0	1.1	S	S	S	S
Mechanical									
1993	0.5	0.8	S	0.6	0.5	S	S	S	S
1995	S	1.0	S	0.6	0.7	S	S	S	S
1997	S	1.0	S	0.6	0.7	S	S	S	S
Other engineering									
1993	0.8	0.5	S	0.5	0.9	S	S	S	S
1995	0.7	0.6	S	0.6	1.3	0.1	S	S	S
1997	0.7	0.8	0.2	0.6	1.0	0.1	S	S	S

NOTE: Numbers are rounded to nearest ten.

Details may not add to total and percents may not add to 100 because of rounding.

'Other' race included with 'white'.

1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S4. Employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995, and 1997

Field and year	Total		5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
	Number	Percent	Percent					
Total								
1993	462,870	100.0	14.7	18.0	16.6	16.2	16.6	17.9
1995	484,780	100.0	14.7	18.5	16.0	15.1	15.5	20.1
1997	518,440	100.0	21.2	16.5	15.5	13.9	13.8	19.2
Sciences								
1993	387,760	100.0	14.1	18.1	17.2	16.6	16.3	17.8
1995	406,110	100.0	14.2	17.6	16.5	15.8	15.7	20.2
1997	429,820	100.0	20.3	16.1	16.1	14.6	14.0	18.9
Computer/math sciences								
1993	27,950	100.0	16.8	17.2	14.2	14.7	18.6	18.3
1995	29,270	100.0	17.0	19.3	12.7	13.8	16.8	20.4
1997	32,400	100.0	24.0	18.1	12.2	11.8	13.8	20.1
Computer/information sciences								
1993	5,150	100.0	40.4	36.4	19.3	3.8	S	S
1995	6,450	100.0	37.4	38.7	14.5	9.4	S	S
1997	8,000	100.0	47.3	31.6	14.2	7.0	S	S
Mathematical sciences								
1993	22,800	100.0	11.5	12.9	13.1	17.2	22.8	22.5
1995	22,820	100.0	11.3	13.8	12.2	15.1	21.5	26.2
1997	24,400	100.0	16.3	13.7	11.6	13.4	18.3	26.7
Biological/agricultural sciences		100.0						
1993	110,920	100.0	14.4	18.6	18.1	16.5	15.6	16.8
1995	116,690	100.0	14.4	17.5	17.6	15.7	15.6	19.3
1997	124,600	100.0	20.5	16.9	16.8	14.5	13.5	17.7
Agricultural/food sciences		100.0						
1993	15,100	100.0	14.6	19.8	17.2	14.1	14.9	19.4
1995	15,440	100.0	12.6	18.3	18.4	14.0	15.6	21.0
1997	15,670	100.0	15.3	19.3	18.6	15.2	12.2	19.3
Biological sciences		100.0						
1993	91,970	100.0	14.5	18.4	18.1	16.6	15.7	16.7
1995	97,370	100.0	14.8	17.4	17.3	15.8	15.4	19.3
1997	104,630	100.0	21.4	16.6	16.4	14.4	13.5	17.7
Environmental life sciences		100.0						
1993	3,850	100.0	10.0	16.9	22.0	24.0	16.8	10.3
1995	3,890	100.0	11.3	15.2	22.8	19.7	20.2	10.8
1997	4,300	100.0	17.3	16.7	19.8	15.0	18.8	12.5
Health sciences		100.0						
1993	13,670	100.0	22.9	23.9	20.1	14.3	11.8	7.0
1995	15,460	100.0	23.5	24.0	18.8	14.1	11.0	8.5
1997	17,180	100.0	31.0	21.6	16.7	14.1	9.3	7.3

See explanatory information and SOURCE at end of table.

Table S4. Employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995, and 1997

Field and year	Total		5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
	Number	Percent	Percent					
Physical/related sciences								
1993	98,540	100.0	12.1	16.0	13.9	14.6	17.6	25.8
1995	101,300	100.0	12.9	16.1	13.9	13.3	15.7	28.2
1997	105,250	100.0	18.0	14.8	13.9	12.6	14.1	26.7
Chemistry, except biochem								
1993	51,760	100.0	12.1	16.3	13.8	13.3	16.8	27.7
1995	52,530	100.0	12.1	16.5	14.0	12.2	14.1	31.0
1997	54,220	100.0	17.5	15.3	13.8	12.2	12.9	28.2
Earth/atmos/ocean sciences								
1993	13,620	100.0	15.6	17.6	16.8	16.6	15.1	18.3
1995	14,370	100.0	16.0	17.3	16.3	15.8	15.9	18.8
1997	15,110	100.0	19.3	18.4	15.6	15.1	14.2	17.4
Physics and astronomy								
1993	33,150	100.0	10.8	14.8	13.0	15.7	19.7	26.0
1995	34,410	100.0	12.7	14.8	12.8	14.0	18.0	27.7
1997	35,920	100.0	18.3	12.3	13.3	12.1	15.8	28.2
Social sciences								
1993	65,660	100.0	12.6	17.0	18.1	19.2	18.4	14.7
1995	67,600	100.0	12.9	15.8	16.8	18.3	18.4	17.9
1997	71,070	100.0	19.5	14.0	16.6	17.0	16.5	16.3
Economics								
1993	19,410	100.0	12.1	16.2	16.9	17.8	18.6	18.5
1995	19,860	100.0	10.5	15.0	17.8	16.7	18.5	21.4
1997	20,080	100.0	17.4	12.2	17.9	16.8	17.5	18.2
Political/related sciences								
1993	14,290	100.0	12.8	15.7	13.3	20.0	19.9	18.3
1995	14,780	100.0	14.7	16.0	12.9	15.9	18.8	21.7
1997	15,820	100.0	19.9	14.2	13.4	14.7	17.0	20.8
Sociology								
1993	12,200	100.0	9.4	16.2	21.6	21.0	18.7	13.1
1995	12,210	100.0	9.7	13.5	17.9	22.2	20.0	16.8
1997	13,230	100.0	15.7	12.0	15.9	21.3	19.7	15.3
Other social sciences								
1993	19,760	100.0	15.0	19.3	20.5	18.8	17.1	9.2
1995	20,750	100.0	15.7	17.7	18.0	19.1	17.1	12.3
1997	21,940	100.0	23.5	16.7	18.2	16.3	13.2	12.1
Psychology								
1993	71,020	100.0	14.9	20.4	20.1	18.2	13.4	13.0
1995	75,790	100.0	13.8	19.4	19.2	18.3	13.8	15.5
1997	79,320	100.0	19.8	16.5	19.1	16.3	13.6	14.7

See explanatory information and SOURCE at end of table.

Table S4. Employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995, and 1997

Field and year	Total		5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
	Number	Percent	Percent					
Engineering								
1993	75,110	100.0	17.8	17.4	13.4	14.4	18.4	18.6
1995	78,620	100.0	17.7	23.5	13.5	11.3	14.5	19.6
1997	88,620	100.0	25.8	18.2	12.2	10.6	12.8	20.5
Aerospace/aeronautical								
1993	3,050	100.0	12.4	16.4	7.7	15.2	24.5	23.9
1995	3,350	100.0	16.0	21.4	7.5	12.3	15.4	27.5
1997	3,720	100.0	25.4	15.7	7.4	12.6	10.1	28.8
Chemical								
1993	11,140	100.0	15.4	18.8	11.3	15.0	16.0	23.5
1995	10,930	100.0	14.1	24.7	13.5	9.8	14.6	23.4
1997	12,280	100.0	20.8	18.3	11.1	9.3	14.8	25.7
Civil		100.0						
1993	7,060	100.0	17.8	17.4	11.6	13.3	21.1	18.7
1995	7,400	100.0	17.0	22.6	13.9	6.8	19.3	20.3
1997	8,190	100.0	27.1	16.6	14.0	5.3	15.8	21.1
Electrical/computer								
1993	19,400	100.0	19.1	17.4	13.7	13.1	18.3	18.4
1995	20,770	100.0	19.7	24.2	13.4	9.9	14.7	18.1
1997	23,750	100.0	28.9	17.8	12.2	8.5	12.7	20.0
Materials/metallurgical								
1993	7,200	100.0	19.7	18.7	16.7	11.6	13.3	20.0
1995	7,850	100.0	20.3	24.1	14.5	13.6	9.4	18.1
1997	8,510	100.0	25.8	20.9	13.5	13.7	8.0	18.0
Mechanical								
1993	9,470	100.0	21.0	18.4	12.1	14.7	17.6	16.2
1995	9,710	100.0	19.6	25.9	13.0	10.4	13.7	17.4
1997	11,080	100.0	29.2	21.2	12.5	10.1	11.7	15.4
Other engineering								
1993	17,790	100.0	16.1	15.7	15.5	16.9	20.3	15.6
1995	18,620	100.0	15.8	21.3	14.3	14.9	14.7	19.0
1997	21,100	100.0	22.8	17.2	12.1	14.3	13.5	20.1

NOTE: Numbers are rounded to nearest ten.
Details may not add to total and percents may not add to 100 because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S5. Employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, and 1997

Field and year	Total		Under 35	36-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Total										
1993	462,870	100.0	9.9	15.6	17.7	18.9	17.3	9.8	6.0	4.6
1995	484,780	100.0	9.7	15.3	17.2	18.6	17.4	11.1	6.0	4.7
1997	518,440	100.0	12.4	14.2	16.7	17.1	17.2	12.1	5.9	4.3
Sciences										
1993	387,760	100.0	9.1	15.5	18.3	19.4	17.3	9.4	6.1	4.8
1995	406,110	100.0	8.9	14.4	17.3	19.5	17.8	11.0	6.0	4.9
1997	429,820	100.0	11.5	13.4	17.0	18.1	17.7	12.1	5.7	4.5
Computer/math sciences										
1993	27,950	100.0	12.7	15.6	15.8	19.1	19.5	9.6	4.2	3.4
1995	29,270	100.0	11.5	16.3	15.8	18.6	18.7	11.6	5.4	2.0
1997	32,400	100.0	15.9	15.3	15.0	15.5	18.3	12.2	5.0	2.7
Computer/information sciences										
1993	5,150	100.0	27.8	30.8	24.0	12.2	3.9	S	S	S
1995	6,450	100.0	20.5	33.9	23.4	14.1	6.1	1.5	S	S
1997	8,000	100.0	26.3	27.8	21.0	16.2	7.5	0.8	S	S
Mathematical sciences										
1993	22,800	100.0	9.3	12.2	14.0	20.7	23.0	11.6	5.0	4.1
1995	22,820	100.0	8.9	11.3	13.7	19.9	22.2	14.5	6.9	2.5
1997	24,400	100.0	12.5	11.2	13.0	15.3	21.8	15.9	6.6	3.5
Biological/agricultural sciences										
1993	110,920	100.0	9.7	18.5	19.3	18.6	15.7	8.5	5.7	3.9
1995	116,690	100.0	9.9	15.8	19.6	18.6	16.2	9.8	5.7	4.3
1997	124,600	100.0	12.9	14.6	19.6	17.7	15.9	10.2	5.4	3.9
Agricultural/food sciences										
1993	15,100	100.0	8.3	19.1	19.0	15.0	15.9	9.6	7.9	5.3
1995	15,440	100.0	7.5	13.7	21.7	16.8	16.7	10.5	8.0	5.1
1997	15,670	100.0	7.8	13.5	23.4	17.1	14.4	12.6	5.8	5.3
Biological sciences										
1993	91,970	100.0	10.3	18.5	19.3	18.9	15.5	8.3	5.4	3.8
1995	97,370	100.0	10.6	16.3	19.2	18.5	15.9	9.8	5.2	4.3
1997	104,630	100.0	14.0	14.9	19.0	17.6	15.8	9.7	5.3	3.7
Environmental life sciences										
1993	3,850	100.0	2.8	14.5	19.4	24.8	20.6	9.3	5.9	2.7
1995	3,890	100.0	2.4	11.9	19.3	27.7	22.2	7.4	8.1	S
1997	4,300	100.0	3.6	12.9	19.3	22.2	23.4	11.7	5.3	1.6
Health sciences										
1993	13,670	100.0	5.1	13.1	24.8	22.7	17.0	9.3	4.5	3.3
1995	15,460	100.0	5.2	11.3	22.9	23.3	17.9	10.3	5.8	3.3
1997	17,180	100.0	7.5	11.1	19.7	23.5	18.9	11.2	5.2	2.8

See explanatory information and SOURCE at the end of table.

Table S5. Employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, and 1997

Field and year	Total		Under 35	36-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Physical/related sciences										
1993	98,540	100.0	11.9	15.4	14.5	16.3	18.1	10.9	7.3	5.6
1995	101,300	100.0	11.6	15.8	14.5	15.5	17.1	13.2	6.4	5.9
1997	105,250	100.0	14.0	15.1	14.7	13.7	16.4	14.4	6.3	5.4
Chemistry, except biochem										
1993	51,760	100.0	13.5	16.5	13.6	15.2	17.4	10.5	7.6	5.7
1995	52,530	100.0	12.4	16.7	14.9	13.6	16.4	13.5	6.3	6.3
1997	54,220	100.0	14.9	16.0	15.7	12.1	15.5	14.3	6.0	5.6
Earth/atmos/ocean sciences										
1993	13,620	100.0	9.2	16.4	18.7	18.9	15.5	10.8	7.0	3.5
1995	14,370	100.0	8.7	16.8	16.8	20.5	14.7	11.3	6.3	4.8
1997	15,110	100.0	8.6	17.3	17.9	17.1	18.3	10.7	5.8	4.2
Physics and astronomy										
1993	33,150	100.0	10.4	13.3	14.1	17.1	20.2	11.7	6.9	6.3
1995	34,410	100.0	11.7	14.1	13.0	16.3	19.1	13.6	6.5	5.7
1997	35,920	100.0	15.0	12.9	11.7	14.7	17.0	16.1	6.9	5.6
Social sciences										
1993	65,660	100.0	5.3	12.0	17.9	21.0	21.0	9.9	6.9	5.7
1995	67,600	100.0	5.0	11.5	15.2	21.2	21.5	12.3	6.8	6.3
1997	71,070	100.0	7.5	10.5	14.9	20.2	20.4	14.7	6.5	5.2
Economics										
1993	19,410	100.0	7.8	15.5	15.5	20.4	17.8	9.2	7.0	6.3
1995	19,860	100.0	7.7	14.7	15.1	19.1	18.3	12.4	5.5	6.8
1997	20,080	100.0	10.2	12.0	16.2	19.5	18.5	13.0	5.3	5.2
Political/related sciences										
1993	14,290	100.0	3.7	10.2	16.9	19.8	23.2	10.1	9.2	6.7
1995	14,780	100.0	5.0	9.9	14.1	21.9	21.6	10.9	8.4	7.9
1997	15,820	100.0	7.8	9.4	13.6	16.4	23.4	14.8	8.7	5.9
Sociology										
1993	12,200	100.0	4.2	8.4	18.0	20.8	20.7	13.2	6.8	7.3
1995	12,210	100.0	2.9	7.6	14.7	20.8	23.7	15.5	6.6	8.0
1997	13,230	100.0	4.6	7.4	13.5	21.6	20.8	16.8	9.2	6.1
Other social sciences										
1993	19,760	100.0	4.7	12.0	20.8	22.4	22.9	8.4	5.2	3.6
1995	20,750	100.0	6.9	12.8	19.0	24.2	17.7	8.9	5.8	4.7
1997	21,940	100.0	6.7	11.8	15.4	22.9	19.8	15.1	4.4	4.0
Psychology										
1993	71,020	100.0	7.4	14.6	22.1	23.0	14.5	8.2	5.4	4.8
1995	75,790	100.0	6.9	12.8	19.0	24.2	17.7	8.9	5.8	4.7
1997	79,320	100.0	8.7	11.4	18.3	22.5	19.1	9.9	5.1	5.0

See explanatory information and SOURCE at the end of table.

Table S5. Employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, and 1997

Field and year	Total		Under 35	36-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Engineering										
1993	75,110	100.0	13.6	16.3	14.9	16.4	17.5	12.1	5.4	3.9
1995	78,620	100.0	13.7	20.0	16.5	14.1	15.4	11.4	5.5	3.5
1997	88,620	100.0	16.5	18.3	15.0	12.5	15.2	12.4	6.8	3.3
Aerospace/aeronautical										
1993	3,050	100.0	11.3	9.8	14.9	13.7	21.7	20.8	4.6	3.2
1995	3,350	100.0	14.0	16.8	10.8	14.0	19.6	15.2	7.7	1.9
1997	3,720	100.0	20.2	14.4	6.6	14.2	17.9	15.7	8.1	2.8
Chemical										
1993	11,140	100.0	17.1	17.5	11.3	15.5	16.5	14.3	4.0	3.7
1995	10,930	100.0	16.8	20.9	15.0	12.5	15.2	11.6	4.5	3.5
1997	12,280	100.0	18.1	18.1	14.4	9.7	16.3	11.7	8.2	3.5
Civil										
1993	7,060	100.0	10.3	15.8	11.9	17.8	19.7	14.5	6.5	3.4
1995	7,400	100.0	10.2	18.4	16.3	12.8	17.9	11.8	8.4	4.3
1997	8,190	100.0	12.8	17.1	15.5	11.6	14.7	15.2	9.5	3.6
Electrical/computer										
1993	19,400	100.0	15.2	16.8	13.8	17.4	17.8	10.9	4.6	3.5
1995	20,770	100.0	16.2	20.3	16.1	13.4	16.3	10.6	4.5	2.7
1997	23,750	100.0	20.1	18.7	14.2	10.8	14.9	11.8	6.3	3.3
Materials/metallurgical										
1993	7,200	100.0	16.2	17.3	19.7	12.8	11.9	10.1	7.2	4.7
1995	7,850	100.0	16.3	22.5	19.8	11.4	11.9	9.9	4.6	3.6
1997	8,510	100.0	18.3	19.5	19.9	13.6	8.9	12.3	5.0	2.6
Mechanical										
1993	9,470	100.0	14.2	19.4	15.9	15.9	15.6	11.0	4.6	3.4
1995	9,710	100.0	12.5	23.3	18.0	14.7	12.9	9.7	6.0	2.9
1997	11,080	100.0	16.3	22.6	16.3	13.7	13.4	9.3	6.1	2.1
Other engineering										
1993	17,790	100.0	9.8	14.4	17.3	17.3	19.4	10.8	6.5	4.5
1995	18,620	100.0	9.9	17.6	16.7	17.2	15.5	12.7	5.6	4.7
1997	21,100	100.0	11.6	16.3	15.1	14.8	18.2	13.5	6.5	3.9

NOTE: Numbers are rounded to nearest ten.
Details may not add to total and percents may not add to 100 because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S6. Employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Develop-ment					
	Number	Percent	Percent								
Total											
1993	462,870	100.0	36.5	27.1	6.3	11.5	33.6	35.9	11.3	15.5	5.1
1995	484,780	100.0	36.4	26.7	6.2	11.2	33.6	35.7	11.4	16.3	7.0
1997	518,440	100.0	35.4	26.4	6.2	12.4	33.0	35.5	11.5	15.3	8.7
Sciences											
1993	387,760	100.0	34.8	29.9	4.2	9.2	35.5	36.1	9.6	17.7	5.3
1995	406,110	100.0	34.5	29.5	3.9	8.8	35.7	35.7	9.8	18.5	7.3
1997	429,820	100.0	33.3	29.4	4.0	9.7	3.5	35.6	9.8	17.6	8.9
Computer/math sciences											
1993	27,950	100.0	27.9	32.5	6.8	5.7	55.1	25.5	25.3	3.6	4.5
1995	29,270	100.0	27.7	31.5	7.1	6.3	54.5	22.8	28.3	3.3	5.8
1997	32,400	100.0	29.3	32.8	7.3	7.3	50.9	22.6	28.9	3.0	6.1
Computer/information sciences											
1993	5,150	100.0	42.7	26.4	10.5	9.5	36.5	24.7	37.9	2.1	2.3
1995	6,450	100.0	37.5	23.7	8.5	9.8	39.7	26.8	38.6	1.1	3.9
1997	8,000	100.0	38.8	22.9	10.5	12.6	34.4	25.5	40.1	1.4	3.6
Mathematical sciences											
1993	22,800	100.0	24.6	33.9	6.0	4.8	59.3	25.6	22.5	4.0	5.0
1995	22,820	100.0	24.9	33.7	6.7	5.3	58.7	21.6	25.3	3.9	6.4
1997	24,400	100.0	26.2	36.1	6.2	5.6	56.3	21.7	25.2	3.5	6.9
Biological/agricultural sciences											
1993	110,920	100.0	39.4	42.9	2.5	8.2	31.5	34.9	6.4	11.9	5.1
1995	116,690	100.0	38.9	42.4	2.1	7.6	31.5	36.6	6.3	12.3	7.5
1997	124,600	100.0	37.5	42.0	1.8	8.3	32.1	36.4	6.3	12.1	8.7
Agricultural/food sciences											
1993	15,100	100.0	57.4	20.9	3.3	16.0	25.0	38.5	8.2	6.0	7.6
1995	15,440	100.0	56.8	21.3	1.9	14.7	24.5	38.4	8.0	8.4	11.1
1997	15,670	100.0	54.7	20.7	2.4	17.4	23.7	39.6	6.4	8.0	11.4
Biological sciences											
1993	91,970	100.0	36.0	47.7	2.3	6.8	32.7	33.7	6.0	13.1	4.6
1995	97,370	100.0	35.5	46.9	2.0	6.4	32.7	36.0	5.9	13.1	6.8
1997	104,630	100.0	34.3	46.3	1.7	7.0	33.5	35.6	6.2	12.8	8.1
Environmental life sciences											
1993	3,850	100.0	51.9	14.0	4.9	9.9	28.1	49.9	9.4	5.2	7.3
1995	3,890	100.0	52.2	14.4	4.4	8.2	29.3	44.2	10.3	9.0	10.5
1997	4,300	100.0	55.3	15.3	2.8	7.9	28.1	44.4	7.4	8.8	12.3
Health sciences											
1993	13,670	100.0	41.6	14.1	2.4	8.5	37.7	43.3	5.3	27.5	4.7
1995	15,460	100.0	43.1	13.3	2.1	7.9	40.4	41.8	5.6	26.2	5.8
1997	17,180	100.0	44.5	11.4	2.8	9.4	41.3	41.5	5.4	23.1	7.1

See explanatory information and SOURCE at the end of table.

Table S6. Employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Develop-ment					
	Number	Percent	Percent								
Physical/related sciences											
1993	98,540	100.0	42.2	31.4	8.4	18.5	24.3	35.1	14.8	5.1	5.0
1995	101,300	100.0	40.6	31.1	7.9	18.3	25.4	34.9	15.0	5.7	6.5
1997	105,250	100.0	39.6	30.3	8.5	28.8	24.7	34.8	14.3	5.5	8.6
Chemistry, except biochem											
1993	51,760	100.0	46.0	27.8	6.0	23.9	21.7	38.3	9.0	5.4	5.4
1995	52,530	100.0	43.1	26.2	6.3	23.5	23.0	39.7	8.9	6.6	6.9
1997	54,220	100.0	43.4	26.3	6.1	24.7	22.3	38.7	8.0	5.7	9.2
Earth/atmos/ocean sciences											
1993	13,620	100.0	43.5	41.3	4.8	7.2	30.2	34.2	14.0	5.9	6.1
1995	14,370	100.0	46.4	41.0	4.7	6.1	31.7	29.9	14.8	6.5	8.0
1997	15,110	100.0	40.0	40.4	4.0	6.4	32.6	33.0	15.6	6.8	9.7
Physics and astronomy											
1993	33,150	100.0	35.6	33.1	13.6	14.8	25.8	30.4	24.1	4.3	4.0
1995	34,410	100.0	34.4	34.5	11.7	15.4	26.4	29.7	24.4	3.9	5.3
1997	35,920	100.0	33.6	32.1	14.0	16.6	24.8	29.7	23.3	4.7	7.1
Social sciences											
1993	65,660	100.0	33.5	27.0	1.9	4.6	55.2	36.7	6.7	9.6	7.3
1995	67,600	100.0	34.9	26.7	2.1	4.1	55.3	33.3	6.9	11.4	10.0
1997	71,070	100.0	31.5	27.4	2.1	4.8	55.1	34.2	7.3	9.7	11.9
Economics											
1993	19,410	100.0	45.2	21.3	2.1	4.3	51.3	35.3	8.8	7.4	6.9
1995	19,860	100.0	49.6	20.9	2.5	4.0	53.1	29.3	8.0	10.2	8.1
1997	20,080	100.0	47.6	22.8	2.4	4.2	47.8	34.8	8.7	9.9	8.5
Political/related sciences											
1993	14,290	100.0	24.1	26.1	1.5	5.5	60.5	39.5	3.0	10.4	9.9
1995	14,780	100.0	25.2	28.8	1.8	3.2	58.8	37.8	4.8	11.2	11.6
1997	15,820	100.0	20.5	30.5	1.1	4.4	58.1	37.7	4.2	10.2	15.1
Sociology											
1993	12,200	100.0	30.4	33.2	1.1	4.4	58.4	34.4	7.6	8.0	4.9
1995	12,210	100.0	30.1	30.9	2.0	4.3	60.9	31.7	6.1	9.3	8.4
1997	13,230	100.0	28.0	31.3	1.0	4.3	60.9	30.5	8.1	8.1	11.4
Other social sciences											
1993	19,760	100.0	30.8	29.6	2.5	4.5	53.4	37.3	6.9	12.0	7.4
1995	20,750	100.0	30.6	28.4	1.9	4.5	51.5	34.9	7.9	13.9	11.6
1997	21,940	100.0	26.8	27.0	3.1	5.8	56.1	33.5	7.9	10.3	13.0
Psychology											
1993	71,020	100.0	19.8	12.1	2.2	3.9	30.8	41.5	4.7	55.2	4.3
1995	75,790	100.0	20.3	12.4	2.1	3.4	30.3	41.4	4.6	56.0	6.5
1997	79,320	100.0	18.8	12.5	2.3	4.4	28.9	40.9	4.9	54.1	8.8

See explanatory information and SOURCE at the end of table.

Table S6. Employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Develop-ment					
	Number	Percent	Percent								
Engineering											
1993	75,110	100.0	45.7	12.9	17.4	23.1	23.8	35.1	20.1	4.2	4.2
1995	78,620	100.0	46.0	12.0	18.0	23.7	22.9	35.8	19.3	4.5	5.5
1997	88,620	100.0	45.7	12.2	16.9	25.6	21.8	34.9	19.6	4.4	7.4
Aerospace/aeronautical											
1993	3,050	100.0	50.8	17.0	14.4	21.3	25.9	33.1	21.0	2.0	3.9
1995	3,350	100.0	49.0	19.4	16.7	14.9	24.8	34.9	20.9	S	6.9
1997	3,720	100.0	52.7	17.2	18.0	22.3	16.7	30.6	25.8	2.4	5.9
Chemical											
1993	11,140	100.0	46.2	10.5	18.7	34.5	14.5	38.0	15.4	3.1	4.5
1995	10,930	100.0	45.8	11.1	18.3	31.2	14.7	39.1	15.4	3.0	7.6
1997	12,280	100.0	45.5	11.6	17.5	34.9	15.6	39.6	13.2	3.4	7.8
Civil											
1993	7,060	100.0	45.3	9.2	19.1	9.9	33.3	36.3	20.0	7.6	4.4
1995	7,400	100.0	41.1	8.1	22.3	10.3	34.5	37.8	18.6	8.4	4.9
1997	8,190	100.0	39.9	7.7	20.5	10.4	36.5	34.4	16.1	9.0	11.8
Electrical/computer											
1993	19,400	100.0	41.8	13.5	19.5	24.0	23.0	35.0	23.4	2.6	3.5
1995	20,770	100.0	41.3	11.7	19.0	25.8	21.5	37.0	24.2	2.4	5.0
1997	23,750	100.0	40.6	12.6	17.6	26.7	21.0	36.9	25.3	2.7	5.9
Materials/metallurgical											
1993	7,200	100.0	53.8	15.8	12.4	39.2	12.9	38.3	6.4	2.8	5.4
1995	7,850	100.0	51.5	14.0	14.1	41.4	11.7	38.6	4.8	3.8	6.9
1997	8,510	100.0	55.1	13.5	13.3	39.8	10.2	39.4	5.9	1.6	7.3
Mechanical											
1993	9,470	100.0	44.4	12.6	18.3	23.8	26.0	32.0	24.4	3.6	3.0
1995	9,710	100.0	46.5	11.6	21.1	24.0	24.5	33.1	22.1	4.0	3.6
1997	11,080	100.0	48.0	11.9	20.2	31.2	21.5	26.3	23.3	4.2	5.2
Other engineering											
1993	17,790	100.0	46.3	13.7	15.7	13.5	29.5	33.6	22.9	6.4	4.9
1995	18,620	100.0	49.9	12.4	15.3	16.4	28.2	32.1	20.7	7.3	5.4
1997	21,100	100.0	47.5	12.7	13.7	16.6	26.4	33.5	21.0	6.8	8.5

NOTE: Numbers are rounded to nearest ten.
Details exceeds total because of multiple responses.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S7. Employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Total												
1993	462,870	100.0	67.1	9.4	1.4	1.5	0.3	17.2	1.7	0.7	0.5	0.1
1995	484,780	100.0	64.8	10.0	1.4	1.7	0.3	18.2	2.1	0.7	0.6	0.1
1997	518,440	100.0	62.8	10.9	1.5	1.6	0.3	19.1	2.4	0.8	0.7	0.1
Scientists												
1993	267,070	100.0	66.3	7.4	1.3	1.6	0.3	19.6	2.0	0.7	0.6	0.1
1995	284,840	100.0	64.2	7.9	1.4	1.7	0.3	20.5	2.5	0.7	0.7	0.1
1997	319,130	100.0	62.0	8.9	1.4	1.7	0.3	21.1	2.9	0.8	0.8	0.1
Computer/mathematical scientists												
1993	34,440	100.0	70.1	14.1	1.2	2.2	0.3	9.2	2.4	0.3	0.3	S
1995	37,440	100.0	66.8	16.6	1.2	2.4	0.3	9.2	2.9	0.2	0.4	S
1997	45,350	100.0	62.6	19.4	1.4	1.9	0.2	10.5	3.3	0.3	0.4	S
Computer/information scientists												
1993	11,820	100.0	68.4	17.7	0.8	1.8	S	8.5	2.0	S	S	S
1995	14,170	100.0	65.3	21.7	0.6	2.0	S	6.8	3.0	S	S	S
1997	20,820	100.0	60.3	25.3	0.9	1.7	0.4	7.9	3.3	S	0.2	S
Mathematical scientists												
1993	5,140	100.0	70.0	13.2	1.0	1.4	S	10.1	3.5	S	S	S
1995	6,050	100.0	61.2	17.5	1.5	1.8	S	13.7	3.0	S	S	S
1997	5,920	100.0	61.8	12.8	2.0	1.9	S	16.2	4.2	S	S	S
Postsecondary teachers, computer & mathematical sciences												
1993	17,490	100.0	71.1	12.0	1.6	2.7	0.3	9.3	2.3	S	0.3	S
1995	17,230	100.0	70.0	12.2	1.6	2.8	0.3	9.5	2.8	S	0.4	S
1997	18,610	100.0	65.5	14.9	1.9	2.1	S	11.6	3.0	0.4	0.5	S
Life and related scientists												
1993	80,970	100.0	66.1	7.5	0.9	1.3	0.2	20.0	2.9	0.5	0.5	0.1
1995	85,990	100.0	63.8	7.9	1.1	1.4	0.2	20.6	3.7	0.5	0.6	0.1
1997	97,550	100.0	61.9	8.7	1.1	1.3	0.2	21.0	4.5	0.5	0.7	0.1
Agricultural/food scientists												
1993	7,500	100.0	76.1	7.7	S	1.9	S	11.9	1.1	S	S	S
1995	7,730	100.0	76.1	7.6	0.9	2.3	S	10.6	1.6	S	0.8	S
1997	9,170	100.0	73.4	8.9	0.9	1.5	S	12.2	2.1	S	0.7	S
Biological scientists												
1993	43,430	100.0	60.0	9.1	0.8	1.5	0.2	22.8	4.4	0.5	0.6	S
1995	47,650	100.0	57.4	10.3	0.9	1.4	0.3	22.9	5.6	0.4	0.7	0.1
1997	55,590	100.0	55.9	10.6	0.9	1.4	0.2	22.8	6.8	0.5	0.7	0.2

See explanatory information and SOURCE at the end of table.

Table S7. Employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Forestry & conservation scientists												
1993	820	100.0	82.9	S	S	S	S	12.2	S	S	S	S
1995	850	100.0	82.4	S	S	S	S	12.9	S	S	S	S
1997	1,230	100.0	77.2	4.9	S	S	S	12.2	S	S	S	S
Postsecondary teachers, life & related sciences												
1993	29,220	100.0	72.1	5.0	1.3	1.0	S	18.2	1.2	0.5	0.5	S
1995	29,760	100.0	70.5	4.3	1.5	1.2	S	19.7	1.4	0.8	0.5	S
1997	31,550	100.0	68.5	5.3	1.6	1.1	S	20.6	1.4	0.7	0.7	S
Physical and related scientists												
1993	63,660	100.0	75.7	10.6	1.2	1.8	0.3	8.0	2.0	0.1	0.4	S
1995	65,900	100.0	74.4	10.4	1.3	1.9	0.2	9.0	2.2	0.1	0.4	S
1997	72,240	100.0	72.5	11.2	1.4	2.0	0.2	9.4	2.6	0.2	0.4	S
Chemists except biochemists												
1993	21,220	100.0	70.2	13.6	1.4	1.6	S	9.3	3.3	S	0.3	S
1995	21,270	100.0	68.0	14.0	1.9	2.2	S	9.8	3.7	S	S	S
1997	24,560	100.0	64.5	16.8	2.0	1.7	S	10.0	4.4	0.2	0.4	S
Earth/atmos/ocean scientists												
1993	7,610	100.0	81.3	6.4	S	2.1	S	8.9	0.9	S	S	S
1995	8,590	100.0	79.6	7.3	S	1.5	S	10.0	0.6	S	S	S
1997	8,830	100.0	77.0	9.1	0.9	2.6	0.6	8.2	1.4	S	S	S
Physicists & astronomers												
1993	12,610	100.0	78.7	12.8	0.9	1.7	S	4.1	1.7	S	S	S
1995	12,080	100.0	78.8	12.8	0.5	1.4	S	4.2	2.2	S	S	S
1997	13,280	100.0	79.4	11.7	0.7	1.4	S	4.5	2.3	S	S	S
Other physical scientists												
1993	1,470	100.0	68.7	21.8	S	S	S	5.4	S	S	S	S
1995	1,760	100.0	74.4	9.7	S	S	S	9.1	4.0	S	S	S
1997	1,280	100.0	76.6	8.6	S	S	S	9.4	S	S	S	S
Postsecondary teachers, physical & related sciences												
1993	20,760	100.0	78.1	6.8	1.6	2.0	0.5	8.8	1.3	0.3	0.6	S
1995	22,190	100.0	76.3	6.8	1.7	2.1	0.4	10.6	1.4	S	0.6	S
1997	24,290	100.0	75.1	6.2	1.5	2.3	0.5	11.9	1.5	0.3	0.6	S
Social scientists												
1993	37,170	100.0	65.0	5.1	3.0	2.0	0.8	20.9	1.3	1.1	0.8	S
1995	40,050	100.0	63.3	5.7	2.5	1.9	0.6	21.9	1.7	1.2	0.9	S
1997	43,370	100.0	61.3	6.1	2.7	2.1	0.5	23.1	1.9	1.2	0.9	S

See explanatory information and SOURCE at the end of table.

Table S7. Employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Economists												
1993	5,360	100.0	66.0	8.4	2.2	2.6	S	17.0	2.4	S	S	S
1995	5,800	100.0	64.0	9.5	1.2	2.1	S	16.7	4.5	S	S	S
1997	6,640	100.0	62.3	11.0	S	2.6	S	19.0	3.3	S	S	S
Political/related scientists												
1993	820	100.0	70.7	S	S	S	S	25.6	S	S	S	S
1995	1,110	100.0	58.6	7.2	S	9.0	S	19.8	S	S	S	S
1997	870	100.0	70.1	6.9	S	S	S	14.9	S	S	S	S
Sociologists/anthropologists												
1993	2,470	100.0	52.6	S	S	2.4	S	36.0	2.0	S	S	S
1995	2,600	100.0	58.5	S	S	S	S	36.5	S	S	S	S
1997	3,310	100.0	45.0	2.4	S	S	S	44.7	S	2.7	S	S
S&T historians & other social scientists												
1993	1,730	100.0	56.1	S	S	S	S	36.4	S	S	S	S
1995	2,130	100.0	48.8	5.2	S	S	S	37.1	3.3	S	2.8	S
1997	1,840	100.0	46.7	3.3	S	S	S	41.8	4.9	S	S	S
Postsecondary teachers, social & related sciences												
1993	26,790	100.0	66.3	5.1	3.5	1.9	1.0	19.1	1.0	1.2	0.8	S
1995	28,420	100.0	64.8	5.4	3.0	1.9	0.7	20.6	1.1	1.4	0.9	S
1997	30,710	100.0	63.5	5.7	3.4	2.2	0.6	20.7	1.5	1.3	1.0	S
Psychologists												
1993	50,830	100.0	53.5	0.7	1.0	1.2	0.3	39.5	0.9	1.6	1.0	0.3
1995	55,460	100.0	51.4	0.8	1.1	1.4	0.4	40.6	1.0	1.7	1.2	0.3
1997	60,630	100.0	49.9	0.7	1.0	1.3	0.3	41.9	1.2	2.0	1.5	0.3
Psychologists												
1993	37,370	100.0	52.1	0.5	0.9	1.3	0.2	41.3	0.8	1.4	1.1	0.3
1995	41,010	100.0	49.7	0.7	1.1	1.4	0.4	42.5	1.0	1.8	1.1	0.4
1997	45,120	100.0	47.3	0.6	0.9	1.2	0.3	44.8	1.2	2.0	1.3	0.4
Postsecondary teachers, psychology												
1993	13,470	100.0	57.3	1.3	1.2	1.1	0.4	34.6	1.2	1.9	0.8	S
1995	14,450	100.0	56.3	1.3	1.2	1.5	0.5	35.4	0.8	1.4	1.7	S
1997	15,510	100.0	57.3	1.2	1.0	1.4	S	33.7	1.2	2.1	1.8	S

See explanatory information and SOURCE at the end of table.

Table S7. Employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Engineers												
1993	55,550	100.0	66.5	25.1	1.1	1.6	0.2	3.7	1.5	0.1	0.2	S
1995	58,430	100.0	65.1	25.6	1.2	2.2	0.2	3.8	1.5	0.2	0.2	S
1997	69,740	100.0	64.1	26.0	1.2	1.8	0.2	4.7	1.6	0.1	0.2	S
Aerospace/aeronautical engineers												
1993	3,150	100.0	66.0	29.5	S	S	S	S	S	S	S	S
1995	3,630	100.0	70.0	23.4	S	1.7	S	2.8	S	S	S	S
1997	3,990	100.0	72.9	18.5	S	S	S	5.0	S	S	S	S
Chemical engineers												
1993	5,610	100.0	64.7	26.6	1.2	1.8	S	3.7	1.4	S	S	S
1995	5,640	100.0	75.2	32.1	S	2.0	S	6.0	3.0	S	S	S
1997	6,730	100.0	52.3	22.4	1.0	2.1	S	3.4	1.9	S	S	S
Civil engineers												
1993	2,460	100.0	57.7	35.4	S	2.0	S	2.4	S	S	S	S
1995	2,790	100.0	52.7	38.7	S	3.6	S	2.5	S	S	S	S
1997	3,350	100.0	52.2	36.1	2.1	2.7	S	4.8	2.1	S	S	S
Electrical/related engineers												
1993	9,270	100.0	61.5	31.8	0.8	1.2	0.5	1.6	2.4	S	S	S
1995	10,660	100.0	64.1	29.4	0.8	1.7	S	1.4	1.9	S	S	S
1997	13,500	100.0	62.1	30.1	1.0	1.6	S	2.4	2.4	S	S	S
Industrial engineers												
1993	350	100.0	54.3	31.4	S	S	S	S	S	S	S	S
1995	840	100.0	61.9	25.0	S	S	S	7.1	S	S	S	S
1997	1,220	100.0	52.5	26.2	S	S	S	13.1	S	S	S	S
Mechanical engineers												
1993	5,090	100.0	58.5	36.9	S	1.6	S	1.2	1.2	S	S	S
1995	5,770	100.0	57.9	35.9	0.9	1.9	S	1.2	1.7	S	S	S
1997	7,820	100.0	59.1	35.8	1.2	1.0	S	1.0	1.7	S	S	S
Other engineers												
1993	13,960	100.0	67.3	21.6	0.7	1.2	S	6.4	2.4	S	S	S
1995	13,590	100.0	65.5	23.9	1.0	1.9	S	5.7	1.8	S	S	S
1997	16,000	100.0	62.7	26.2	0.7	1.5	S	6.8	1.6	S	S	S
Postsecondary teachers, engineering												
1993	15,660	100.0	73.6	17.1	1.9	2.3	S	3.8	0.4	S	S	S
1995	15,530	100.0	70.4	18.4	1.9	2.6	0.4	5.0	0.6	S	0.3	S
1997	17,140	100.0	70.7	17.6	2.2	2.7	S	5.5	0.6	S	0.4	S

See explanatory information and SOURCE at the end of table.

Table S7. Employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total		Male					Female				
			White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
	Number	Percent	Percent									
Non-S&E occupations												
1993	140,240	100.0	68.8	7.0	1.7	1.4	0.2	18.1	1.3	0.9	0.5	0.1
1995	141,520	100.0	66.0	7.8	1.7	1.5	0.2	19.6	1.6	1.0	0.5	0.1
1997	129,570	100.0	63.8	7.5	1.8	1.4	0.3	21.7	1.6	1.2	0.6	0.1
Managers, administrators, etc.												
1993	90,400	100.0	73.9	6.9	1.8	1.4	0.3	13.6	0.9	0.8	0.3	0.1
1995	83,820	100.0	71.3	7.9	1.8	1.6	0.2	14.9	1.1	0.8	0.4	0.1
1997	71,010	100.0	70.7	7.6	2.0	1.7	0.3	15.5	0.9	0.9	0.4	S
Health and related occupations												
1993	12,570	100.0	57.3	8.0	1.5	1.5	S	27.5	2.5	0.8	0.5	S
1995	13,450	100.0	59.3	9.6	1.1	1.0	S	24.2	2.8	1.1	0.6	S
1997	14,440	100.0	56.5	9.1	1.6	1.2	S	25.7	3.3	1.5	0.9	S
Teachers, except S&E postsecondary teachers												
1993	16,660	100.0	50.6	5.2	1.2	1.3	S	36.0	2.1	2.1	1.4	S
1995	19,760	100.0	49.0	4.6	1.7	0.8	S	37.4	2.4	2.4	1.2	0.4
1997	20,780	100.0	44.5	5.0	1.8	1.2	0.4	40.8	2.7	2.1	1.4	0.2
Social services and related occupations												
1993	1,670	100.0	58.7	3.6	4.8	S	S	30.5	S	S	S	S
1995	1,770	100.0	59.3	4.5	2.8	S	S	27.7	S	S	S	S
1997	2,020	100.0	54.0	3.5	3.5	S	S	33.7	S	S	S	S
Technologists, etc.												
1993	4,740	100.0	70.5	17.3	S	1.3	S	7.8	2.3	S	S	S
1995	5,310	100.0	66.5	19.0	0.9	1.1	S	9.4	2.1	S	S	S
1997	4,570	100.0	72.4	17.3	1.5	S	S	5.9	2.2	S	S	S
Sales and marketing occupations												
1993	4,490	100.0	69.7	10.5	2.0	S	S	14.3	1.8	S	S	S
1995	4,870	100.0	71.0	10.5	S	2.3	S	12.5	1.2	S	1.0	S
1997	5,230	100.0	69.0	13.0	S	1.1	S	13.4	1.1	S	1.1	S
Other non-S&E occupations												
1993	9,720	100.0	68.5	4.0	1.4	1.2	S	22.0	1.7	0.7	S	S
1995	12,560	100.0	63.2	5.1	1.7	2.0	0.6	24.6	1.8	0.8	S	S
1997	11,530	100.0	61.7	4.0	1.0	1.2	S	28.3	2.1	1.3	S	S

NOTE: Numbers are rounded to nearest ten.
Details may not add to total because of rounding.
'Other' race included with 'white'.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Total								
1993	462,870	100.0	37.4	34.3	8.1	10.5	7.7	2.0
1995	484,780	100.0	36.7	33.7	7.8	11.7	7.9	2.1
1997	518,440	100.0	35.2	33.7	8.0	12.4	8.4	2.3
Scientists								
1993	267,070	100.0	44.7	24.9	7.5	12.8	8.2	2.0
1995	284,840	100.0	43.8	24.4	7.4	14.0	8.3	2.1
1997	319,130	100.0	41.0	25.0	8.2	14.5	8.8	2.5
Computer/mathematical scientists								
1993	34,440	100.0	49.9	32.9	5.0	7.2	4.2	0.7
1995	37,440	100.0	46.6	36.2	4.5	7.4	4.5	0.8
1997	45,350	100.0	39.8	40.2	5.6	7.6	5.7	1.1
Computer/information scientists								
1993	11,820	100.0	7.5	76.1	5.3	1.5	8.8	0.8
1995	14,170	100.0	9.3	76.3	4.2	1.4	8.0	0.8
1997	20,820	100.0	6.1	76.1	6.3	1.2	9.3	1.0
Mathematical scientists								
1993	5,140	100.0	18.9	45.8	20.9	3.8	7.6	3.0
1995	6,050	100.0	18.9	45.1	18.1	5.8	8.7	3.3
1997	5,920	100.0	17.4	40.7	20.6	5.3	11.0	4.9
Postsecondary teachers, computer & mathematical sciences								
1993	17,490	100.0	87.7	S	S	12.2	S	S
1995	17,230	100.0	87.0	S	S	13.0	S	S
1997	18,610	100.0	84.6	S	S	15.4	S	S
Life and related scientists								
1993	80,970	100.0	50.1	17.4	8.5	16.2	5.4	2.4
1995	85,990	100.0	49.3	16.8	8.3	17.8	5.5	2.3
1997	97,550	100.0	45.8	18.9	8.5	18.2	5.6	3.0
Agricultural/food scientists								
1993	7,500	100.0	37.6	30.4	18.4	6.1	5.0	2.5
1995	7,730	100.0	37.1	33.9	15.9	5.8	5.3	2.1
1997	9,170	100.0	29.3	37.3	18.4	7.1	5.0	3.0
Biological scientists								
1993	43,430	100.0	33.0	26.7	11.9	15.4	9.2	3.8
1995	47,650	100.0	34.3	24.3	11.8	17.2	8.9	3.7
1997	55,590	100.0	32.0	26.3	10.7	17.6	8.8	4.6
Forestry & conservation scientists								
1993	820	100.0	26.0	16.9	43.4	S	S	10.1
1995	850	100.0	18.9	28.5	37.5	S	6.8	S
1997	1,230	100.0	20.9	23.9	42.9	S	4.1	6.5

See explanatory information and SOURCE at the end of table.

Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Postsecondary teachers, life & related sciences								
1993	29,220	100.0	79.3	S	S	20.5	S	S
1995	29,760	100.0	77.4	0.2	S	22.3	S	S
1997	31,550	100.0	75.9	0.2	0.5	23.3	S	S
Physical and related scientists								
1993	63,660	100.0	43.8	36.4	9.4	5.3	4.2	0.9
1995	65,900	100.0	44.6	34.3	9.3	6.1	4.6	1.0
1997	72,240	100.0	40.9	34.0	12.5	6.7	4.8	1.2
Chemists except biochemists								
1993	21,220	100.0	11.8	68.2	7.1	1.8	10.1	1.0
1995	21,270	100.0	12.2	66.8	7.2	1.4	11.1	1.2
1997	24,560	100.0	9.7	67.4	7.8	2.7	11.1	1.2
Earth/atmos/ocean scientists								
1993	7,610	100.0	26.6	33.6	29.9	3.6	2.9	3.4
1995	8,590	100.0	27.0	35.1	27.1	5.5	2.6	2.7
1997	8,830	100.0	27.2	31.5	31.3	4.2	2.4	3.3
Physicists & astronomers								
1993	12,610	100.0	36.2	42.3	15.5	3.1	2.2	0.6
1995	12,080	100.0	39.7	36.5	17.3	3.0	2.2	1.3
1997	13,280	100.0	29.3	34.0	29.8	2.1	2.7	2.0
Other physical scientists								
1993	1,470	100.0	20.7	55.1	15.3	S	4.3	S
1995	1,760	100.0	19.0	54.9	11.4	3.5	9.7	S
1997	1,280	100.0	9.8	54.0	26.2	S	9.4	S
Postsecondary teachers, physical & related sciences								
1993	20,760	100.0	89.0	S	S	11.0	S	S
1995	22,190	100.0	87.2	S	S	12.7	S	S
1997	24,290	100.0	85.4	S	S	14.4	S	S
Social scientists								
1993	37,170	100.0	61.2	9.2	5.4	18.2	3.8	2.1
1995	40,050	100.0	59.7	9.2	5.2	19.6	3.5	2.8
1997	43,370	100.0	58.2	9.1	5.5	20.6	4.4	2.2
Economists								
1993	5,360	100.0	14.0	43.5	22.0	2.4	10.6	7.6
1995	5,800	100.0	15.8	43.6	18.3	1.9	11.0	9.4
1997	6,640	100.0	14.2	42.9	19.9	2.2	12.9	7.9
Political/related scientists								
1993	820	100.0	22.5	25.8	25.3	13.1	9.2	S
1995	1,110	100.0	34.6	19.9	24.1	14.1	5.5	S
1997	870	100.0	21.2	34.8	26.5	12.6	S	S

See explanatory information and SOURCE at the end of table.

Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Sociologists/anthropologists								
1993	2,470	100.0	33.1	18.3	7.7	15.3	16.5	9.0
1995	2,600	100.0	22.8	20.3	16.9	13.2	16.6	10.3
1997	3,310	100.0	19.6	15.4	15.3	21.5	20.6	7.5
S&T historians & other scienctists								
1993	1,730	100.0	11.2	24.7	24.3	12.2	20.9	6.7
1995	2,130	100.0	25.0	18.5	12.1	17.7	13.9	12.9
1997	1,840	100.0	21.5	13.9	14.0	21.8	19.1	9.8
Postsecondary teachers, social & related sciences								
1993	26,790	100.0	77.7	S	S	22.2	S	S
1995	28,420	100.0	75.6	S	0.2	24.2	S	S
1997	30,710	100.0	75.1	0.1	0.1	24.6	S	S
Psychologists								
1993	50,830	100.0	21.5	28.3	6.9	16.5	23.5	3.3
1995	55,460	100.0	21.1	27.1	7.0	17.9	23.2	3.6
1997	60,630	100.0	21.9	24.6	6.5	18.6	24.0	4.4
Psychologists								
1993	37,370	100.0	7.2	38.5	9.3	8.6	31.9	4.4
1995	41,010	100.0	7.3	36.5	9.5	10.3	31.5	4.9
1997	45,120	100.0	8.5	33.0	8.7	11.7	32.1	5.9
Postsecondary teachers, psychology								
1993	13,470	100.0	61.1	S	S	38.5	S	S
1995	14,450	100.0	60.4	0.3	S	39.2	S	S
1997	15,510	100.0	61.0	S	S	38.5	0.3	S
Engineers								
1993	55,550	100.0	34.8	54.2	5.5	1.8	3.2	0.5
1995	58,430	100.0	33.9	54.3	6.2	2.3	2.9	0.5
1997	69,740	100.0	30.8	55.2	7.4	2.1	3.7	0.8
Aerospace/aeronautical engineers								
1993	3,150	100.0	10.8	72.9	14.2	S	S	S
1995	3,630	100.0	8.7	70.2	17.4	S	2.6	S
1997	3,990	100.0	10.8	65.9	17.2	S	3.8	1.7
Chemical engineers								
1993	5,610	100.0	7.4	84.6	2.4	S	5.2	S
1995	5,640	100.0	8.9	81.0	3.1	1.3	5.4	S
1997	6,730	100.0	7.0	82.1	3.1	0.8	6.7	S
Civil engineers								
1993	2,460	100.0	8.7	71.1	16.7	S	2.1	S
1995	2,790	100.0	12.8	67.6	15.8	S	S	S
1997	3,350	100.0	12.0	64.6	16.4	S	3.9	1.8

See explanatory information and SOURCE at the end of table.

Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Electrical/related engineers								
1993	9,270	100.0	9.9	78.7	7.2	S	3.6	S
1995	10,660	100.0	9.4	80.8	6.1	0.7	3.0	S
1997	13,500	100.0	9.2	78.1	7.8	0.4	4.3	S
Industrial engineers								
1993	350	100.0	S	77.1	S	S	S	S
1995	840	100.0	24.0	63.1	1.2	2.0	9.7	S
1997	1,220	100.0	4.5	73.7	4.4	S	14.6	S
Mechanical engineers								
1993	5,090	100.0	13.7	77.3	6.5	0.3	1.9	S
1995	5,770	100.0	12.8	78.0	6.2	0.4	2.1	S
1997	7,820	100.0	11.4	76.2	9.5	0.1	2.2	S
Other engineers								
1993	13,960	100.0	13.0	70.4	7.3	1.4	6.4	1.4
1995	13,590	100.0	15.5	66.9	10.0	1.1	5.5	1.0
1997	16,000	100.0	13.3	66.5	11.6	1.1	5.9	1.7
Postsecondary teachers, engineering								
1993	15,660	100.0	95.2	S	S	4.7	S	S
1995	15,530	100.0	93.8	S	S	6.2	S	S
1997	17,140	100.0	92.4	0.8	S	6.7	S	S
Non-S&E occupations								
1993	140,240	100.0	24.7	44.3	10.1	9.5	8.6	2.7
1995	141,520	100.0	23.7	44.1	9.4	11.0	9.2	2.6
1997	129,570	100.0	23.5	43.3	8.0	12.7	9.9	2.6
Managers, administrators, etc.								
1993	90,400	100.0	23.5	47.9	12.9	5.4	7.5	2.8
1995	83,820	100.0	21.1	49.7	12.0	5.8	8.4	3.0
1997	71,010	100.0	20.7	50.9	10.7	5.9	8.8	3.0
Health and related occupations								
1993	12,570	100.0	21.8	38.4	8.3	10.5	15.9	5.0
1995	13,450	100.0	25.7	37.1	8.4	10.4	14.3	4.1
1997	14,440	100.0	27.2	35.2	6.2	11.9	16.2	3.3
Teachers, except S&E postsecondary teachers								
1993	16,660	100.0	55.6	1.7	0.9	40.4	1.1	S
1995	19,760	100.0	53.0	2.4	0.8	42.2	1.4	S
1997	20,780	100.0	50.0	2.1	0.8	46.0	1.0	S

See explanatory information and SOURCE at the end of table.

Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		Male			Female		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Social services and related occupations								
1993	1,670	100.0	18.3	41.4	8.2	6.7	18.2	7.2
1995	1,770	100.0	16.3	39.3	12.9	15.7	12.0	3.8
1997	2,020	100.0	15.1	39.4	7.7	15.1	18.5	4.3
Technologists, etc.								
1993	4,740	100.0	10.9	72.3	6.5	2.5	6.5	1.2
1995	5,310	100.0	11.9	69.4	6.7	2.7	8.7	S
1997	4,570	100.0	8.5	76.7	6.4	1.8	4.8	1.9
Sales and marketing occupations								
1993	4,490	100.0	S	82.8	S	S	16.9	S
1995	4,870	100.0	S	84.7	S	S	14.0	S
1997	5,230	100.0	1.2	82.5	S	S	15.6	S
Other non-S&E occupations								
1993	9,720	100.0	6.1	59.8	9.5	2.0	18.7	4.0
1995	12,560	100.0	7.8	53.6	11.4	4.3	19.5	4.0
1997	11,530	100.0	6.2	50.8	11.0	4.8	22.8	4.5

NOTE: Numbers are rounded to nearest ten.
Details may not add to total and percents may not add to 100 because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Total								
1993	462,870	100.0	40.8	34.7	8.8	4.5	5.9	0.7
1995	484,780	100.0	40.8	33.7	8.6	4.9	6.3	0.8
1997	518,440	100.0	39.6	33.5	8.8	5.2	7.2	1.0
Scientists								
1993	267,070	100.0	49.1	28.4	8.4	5.3	3.5	0.7
1995	284,840	100.0	49.0	27.4	8.3	5.7	3.9	0.8
1997	319,130	100.0	46.3	27.6	9.2	6.0	5.0	0.9
Computer/mathematical scientists								
1993	34,440	100.0	45.9	28.7	4.6	8.4	7.2	1.0
1995	37,440	100.0	42.1	29.6	4.2	8.9	9.7	1.0
1997	45,350	100.0	36.6	30.9	5.5	8.4	13.3	1.0
Computer/information scientists								
1993	11,820	100.0	7.2	65.1	4.7	1.6	17.1	1.0
1995	14,170	100.0	7.1	60.8	4.1	3.1	20.8	0.8
1997	20,820	100.0	5.9	56.4	5.9	1.2	26.1	1.3
Mathematical scientists								
1993	5,140	100.0	18.1	42.6	19.5	3.7	9.1	4.1
1995	6,050	100.0	17.3	41.0	16.5	5.1	11.1	4.2
1997	5,920	100.0	17.9	38.6	21.5	3.5	10.1	3.3
Postsecondary teachers, computer & mathematical sciences								
1993	17,490	100.0	80.3	S	S	14.4	S	S
1995	17,230	100.0	79.5	S	S	15.0	S	S
1997	18,610	100.0	76.9	S	S	17.9	S	S
Life and related scientists								
1993	80,970	100.0	57.3	19.3	9.6	6.6	2.8	0.9
1995	85,990	100.0	56.9	18.6	9.0	7.4	3.0	1.2
1997	97,550	100.0	53.0	19.9	9.9	8.4	3.6	1.1
Agricultural/food scientists								
1993	7,500	100.0	39.0	29.7	19.3	3.3	4.3	1.1
1995	7,730	100.0	36.8	33.5	16.3	3.8	4.1	1.2
1997	9,170	100.0	31.1	34.9	19.6	3.5	6.0	1.5
Biological scientists								
1993	43,430	100.0	38.9	30.3	13.5	7.6	4.5	1.5
1995	47,650	100.0	40.1	27.3	12.9	9.2	4.7	1.9
1997	55,590	100.0	37.2	28.6	12.9	10.3	5.4	1.7
Forestry & conservation scientists								
1993	820	100.0	23.8	20.5	51.1	S	S	S
1995	850	100.0	21.3	35.4	38.3	S	S	S
1997	1,230	100.0	17.2	27.5	44.1	5.0	S	S
Postsecondary teachers, life & related sciences								
1993	29,220	100.0	90.1	S	S	6.2	S	S
1995	29,760	100.0	89.9	0.2	S	5.7	S	S
1997	31,550	100.0	88.5	0.2	0.5	6.5	0.1	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Physical and related scientists								
1993	63,660	100.0	41.2	33.4	9.2	5.7	6.0	0.8
1995	65,900	100.0	42.5	31.5	9.4	5.8	6.2	0.6
1997	72,240	100.0	39.9	30.1	11.9	5.3	7.3	1.2
Chemists except biochemists								
1993	21,220	100.0	9.5	63.1	6.8	3.4	12.5	1.0
1995	21,270	100.0	9.7	60.8	7.3	2.8	14.1	0.7
1997	24,560	100.0	8.1	58.7	7.5	3.4	16.8	1.0
Earth/atmos/ocean scientists								
1993	7,610	100.0	26.5	32.8	31.0	2.4	3.2	1.6
1995	8,590	100.0	28.7	33.3	27.6	2.6	3.9	1.4
1997	8,830	100.0	26.3	27.6	31.4	3.3	4.7	2.3
Physicists & astronomers								
1993	12,610	100.0	30.9	37.7	14.2	7.5	5.4	1.4
1995	12,080	100.0	32.6	33.5	17.0	9.3	4.6	1.1
1997	13,280	100.0	24.8	31.6	27.4	6.0	4.9	3.0
Other physical scientists								
1993	1,470	100.0	15.9	41.9	16.3	6.6	17.5	S
1995	1,760	100.0	17.4	54.3	11.9	4.0	8.6	S
1997	1,280	100.0	9.0	51.1	25.8	S	8.0	S
Postsecondary teachers, physical & related sciences								
1993	20,760	100.0	86.8	S	S	8.1	S	S
1995	22,190	100.0	86.7	0.1	S	8.2	S	S
1997	24,290	100.0	86.8	0.1	0.1	7.7	S	S
Social scientists								
1993	37,170	100.0	68.0	10.9	7.0	4.9	1.2	0.3
1995	40,050	100.0	67.8	10.4	7.1	5.4	1.6	0.5
1997	43,370	100.0	66.4	11.6	6.4	5.9	1.4	0.9
Economists								
1993	5,360	100.0	13.7	42.1	27.2	2.0	7.1	1.6
1995	5,800	100.0	14.6	42.0	24.1	2.1	8.6	3.1
1997	6,640	100.0	11.9	36.9	22.6	3.9	5.8	4.6
Political/related scientists								
1993	820	100.0	34.4	34.6	27.0	S	S	S
1995	1,110	100.0	37.8	21.0	19.9	8.3	S	S
1997	870	100.0	32.0	27.7	25.2	S	S	S
Sociologists/anthropologists								
1993	2,470	100.0	40.4	32.3	15.9	2.6	S	S
1995	2,600	100.0	33.3	35.3	26.3	S	S	S
1997	3,310	100.0	35.2	34.6	19.8	1.9	S	S
S&T historians & social scientists								
1993	1,730	100.0	21.8	41.6	29.5	S	S	S
1995	2,130	100.0	36.4	27.0	22.6	3.2	4.4	S
1997	1,840	100.0	40.0	26.6	21.5	S	5.7	S
Postsecondary teachers, social & related sciences								
1993	26,790	100.0	85.4	S	S	6.1	S	S
1995	28,420	100.0	85.3	S	0.2	6.5	S	S
1997	30,710	100.0	84.1	S	S	7.1	S	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Psychologists								
1993	50,830	100.0	34.6	49.3	9.1	0.9	0.4	0.3
1995	55,460	100.0	35.5	46.9	9.6	0.9	0.6	0.3
1997	60,630	100.0	36.0	45.9	9.7	1.1	0.5	0.3
Psychologists								
1993	37,370	100.0	14.2	67.0	12.3	0.3	0.5	0.4
1995	41,010	100.0	15.8	63.3	13.0	0.5	0.8	0.4
1997	45,120	100.0	17.3	61.6	13.1	0.7	0.7	0.4
Postsecondary teachers, psychology								
1993	13,470	100.0	91.5	S	S	2.5	S	S
1995	14,450	100.0	91.4	0.3	S	2.0	S	S
1997	15,510	100.0	90.5	0.5	S	2.4	S	S
Engineers								
1993	55,550	100.0	27.7	37.9	4.5	7.4	18.0	1.2
1995	58,430	100.0	26.4	37.2	5.2	7.8	18.1	1.1
1997	69,740	100.0	24.7	37.9	6.2	6.6	19.5	1.7
Aerospace/aeronautical engineers								
1993	3,150	100.0	7.5	48.1	11.5	3.4	24.5	2.2
1995	3,630	100.0	5.6	52.7	14.6	3.0	18.3	3.1
1997	3,990	100.0	9.4	52.7	15.9	1.5	15.8	2.2
Chemical engineers								
1993	5,610	100.0	5.0	61.3	2.2	2.6	24.9	S
1995	5,640	100.0	6.4	57.0	3.1	2.8	26.0	S
1997	6,730	100.0	4.7	61.0	2.4	2.5	26.0	0.9
Civil engineers								
1993	2,460	100.0	7.4	41.7	10.9	S	29.4	5.4
1995	2,790	100.0	8.1	36.3	10.6	4.3	30.5	5.2
1997	3,350	100.0	9.1	37.7	10.1	3.8	27.5	6.8
Electrical/related engineers								
1993	9,270	100.0	7.6	50.4	5.1	2.4	30.2	1.6
1995	10,660	100.0	6.9	53.2	5.5	2.4	28.4	0.5
1997	13,500	100.0	7.8	50.0	6.8	1.5	30.2	1.0
Industrial engineers								
1993	350	100.0	S	52.3	S	S	35.1	S
1995	840	100.0	23.8	46.1	S	S	25.5	S
1997	1,220	100.0	4.5	53.7	7.2	S	29.7	S
Mechanical engineers								
1993	5,090	100.0	7.5	48.5	3.8	6.3	29.3	2.4
1995	5,770	100.0	6.3	49.0	3.9	6.5	28.7	2.3
1997	7,820	100.0	7.4	45.8	6.9	3.8	30.8	2.9
Other engineers								
1993	13,960	100.0	10.7	55.5	7.5	3.5	19.4	1.1
1995	13,590	100.0	12.2	49.7	9.3	4.0	20.1	1.5
1997	16,000	100.0	10.4	48.9	10.2	3.8	21.2	2.9
Postsecondary teachers, engineering								
1993	15,660	100.0	77.5	S	S	17.5	S	S
1995	15,530	100.0	75.4	S	S	19.0	S	S
1997	17,140	100.0	75.3	0.8	S	18.2	S	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total		White			Asian/Pacific Islander		
			Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent					
Non-S&E occupations								
1993	140,240	100.0	30.2	45.3	11.5	1.9	5.8	0.7
1995	141,520	100.0	30.2	45.0	10.5	2.2	6.4	0.8
1997	129,570	100.0	31.2	45.1	9.2	5.9	5.9	0.8
Managers, administrators, etc.								
1993	90,400	100.0	26.1	47.3	14.2	0.9	6.2	0.6
1995	83,820	100.0	24.2	48.5	13.5	0.9	7.5	0.6
1997	71,010	100.0	23.7	50.3	12.2	0.9	6.9	0.8
Health and related occupations								
1993	12,570	100.0	27.3	46.6	10.9	3.4	5.5	1.7
1995	13,450	100.0	28.7	45.1	9.8	5.5	4.8	2.1
1997	14,440	100.0	30.3	44.2	7.8	5.9	5.1	1.2
Teachers, except S&E postsecondary teachers								
1993	16,660	100.0	83.3	2.2	1.0	6.8	0.4	S
1995	19,760	100.0	82.0	3.7	0.8	6.7	0.1	0.1
1997	20,780	100.0	82.1	2.9	0.2	7.1	S	0.4
Social services and related occupations								
1993	1,670	100.0	22.6	53.4	13.4	S	S	S
1995	1,770	100.0	29.4	45.1	12.6	S	S	3.0
1997	2,020	100.0	26.1	50.6	10.8	S	S	S
Technologists, etc.								
1993	4,740	100.0	9.0	61.8	7.4	4.1	15.3	S
1995	5,310	100.0	9.4	60.2	6.5	4.2	16.0	S
1997	4,570	100.0	9.0	62.2	7.2	1.2	17.6	S
Sales and marketing occupations								
1993	4,490	100.0	S	83.9	S	S	12.0	S
1995	4,870	100.0	S	82.3	S	S	11.7	S
1997	5,230	100.0	S	81.3	S	S	13.6	S
Other non-S&E occupations								
1993	9,720	100.0	6.7	72.2	11.7	0.9	3.7	1.2
1995	12,560	100.0	11.1	64.8	12.3	0.4	5.1	1.4
1997	11,530	100.0	10.1	66.7	13.2	0.6	4.2	1.2

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black			Hispanic			American Indian/Alaskan Native		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational Institution	Industry	Government
	Percent								
Total									
1993	1.2	0.6	0.3	1.1	0.7	0.2	0.2	0.1	S
1995	1.3	0.6	0.3	1.3	0.8	0.2	0.2	0.1	S
1997	1.4	0.6	0.3	1.3	0.8	0.2	S	S	S
Scientists									
1993	1.3	0.4	0.2	1.4	0.6	0.2	0.3	0.1	S
1995	1.4	0.5	0.2	1.6	0.6	0.2	0.2	0.1	S
1997	1.5	0.5	0.2	1.5	0.6	0.2	S	S	S
Computer/mathematical scientists									
1993	1.0	0.3	0.1	1.7	0.8	S	0.2	0.1	S
1995	1.0	0.3	0.1	1.9	0.8	0.1	0.2	0.1	S
1997	1.0	0.6	S	1.3	0.9	0.1	S	S	S
Computer/information scientists									
1993	S	0.6	S	S	1.8	S	S	S	S
1995	S	0.6	S	0.5	1.7	S	S	S	S
1997	S	0.9	S	0.2	1.7	S	S	S	S
Mathematical scientists									
1993	S	S	S	S	1.0	S	S	S	S
1995	0.9	S	S	1.3	1.1	S	S	S	S
1997	S	1.7	S	0.9	1.3	S	S	S	S
Postsecondary teachers, computer & mathematical sciences									
1993	1.8	S	S	3.0	S	S	0.3	S	S
1995	1.9	S	S	3.2	S	S	0.3	S	S
1997	2.4	S	S	2.6	S	S	S	S	S
Life and related scientists									
1993	1.0	0.2	0.2	1.2	0.4	0.2	0.1	0.1	0.1
1995	1.2	0.2	0.2	1.5	0.4	0.1	0.1	S	0.1
1997	1.2	0.3	0.2	1.4	0.5	0.2	0.1	0.1	0.1
Agricultural/food scientists									
1993	S	S	S	1.0	0.9	S	S	S	S
1995	S	S	S	1.7	1.3	S	S	S	S
1997	0.8	S	S	0.6	1.4	S	S	S	S
Biological scientists									
1993	0.7	0.3	0.3	1.0	0.6	0.3	0.1	0.1	0.1
1995	0.6	0.4	0.3	1.4	0.5	0.2	0.1	0.1	0.2
1997	0.7	0.4	0.3	1.2	0.6	0.3	0.1	0.1	0.1
Forestry & conservation scientists									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S
Postsecondary teachers, life & related sciences									
1993	1.8	S	S	1.5	S	S	S	S	S
1995	2.3	S	S	1.7	S	S	S	S	S
1997	2.2	0.1	S	1.9	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black			Hispanic			American Indian/Alaskan Native		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational Institution	Industry	Government
	Percent								
Physical and related scientists									
1993	0.7	0.5	0.1	1.3	0.7	0.2	0.2	S	S
1995	0.8	0.5	0.1	1.4	0.7	0.2	0.1	S	S
1997	0.8	0.6	0.2	1.4	0.7	0.3	0.2	0.1	S
Chemists except biochemists									
1993	0.2	1.0	0.2	0.4	1.6	S	S	S	S
1995	0.4	1.4	0.2	0.7	1.6	S	S	S	S
1997	0.4	1.4	0.4	0.5	1.5	S	S	S	S
Earth/atmos/ocean scientists									
1993	S	S	S	1.1	S	S	S	S	S
1995	S	S	S	1.0	S	S	S	S	S
1997	S	S	S	1.2	0.8	1.0	S	S	S
Physicists & astronomers									
1993	S	0.6	S	0.7	0.6	0.4	S	S	S
1995	S	S	S	0.6	0.4	0.4	S	S	S
1997	S	S	0.4	0.5	S	0.9	S	S	S
Other physical scientists									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S
Postsecondary teachers, physical & related sciences									
1993	1.9	S	S	2.6	S	S	0.6	S	S
1995	1.9	S	S	2.7	S	S	0.4	S	S
1997	1.8	S	S	3.0	S	S	S	S	S
Social scientists									
1993	3.5	0.5	0.1	2.2	0.5	0.1	0.9	S	S
1995	3.4	0.3	0.1	2.2	0.4	0.2	0.6	S	S
1997	3.6	0.1	0.2	2.5	0.4	0.1	0.1	S	S
Economists									
1993	S	2.4	S	S	2.5	S	S	S	S
1995	S	1.3	S	S	1.6	S	S	S	S
1997	S	S	S	S	2.3	S	S	S	S
Political/related scientists									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	4.8	S	S	S
1997	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists									
1993	S	S	S	3.2	S	S	S	S	S
1995	1.3	S	S	S	S	S	S	S	S
1997	3.0	S	1.5	S	S	S	S	S	S
S&T historians & other social scientists									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S
Postsecondary teachers, social & related sciences									
1993	4.6	0.1	S	2.7	S	S	1.1	S	S
1995	4.4	S	S	2.8	S	S	S	S	S
1997	4.7	S	S	3.2	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black			Hispanic			American Indian/Alaskan Native		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational Institution	Industry	Government
	Percent								
Psychologists									
1993	1.2	1.0	0.4	1.0	0.9	0.4	0.2	0.3	S
1995	1.2	1.3	0.3	1.2	1.1	0.4	0.3	0.4	S
1997	1.6	1.0	0.4	1.5	0.9	0.3	0.2	0.3	0.1
Psychologists									
1993	0.6	1.3	0.5	0.6	1.2	0.5	0.1	0.4	S
1995	0.7	1.7	0.5	0.5	1.4	0.5	0.1	0.5	0.1
1997	1.1	1.3	0.6	0.9	1.2	0.4	0.1	0.4	0.2
Postsecondary teachers, psychology									
1993	3.1	S	S	2.0	S	S	0.6	S	S
1995	2.6	S	S	3.1	S	S	0.6	S	S
1997	3.1	S	S	3.2	S	S	S	S	S
Engineers									
1993	0.6	0.6	0.1	0.8	0.8	0.2	0.1	0.1	S
1995	0.7	0.6	0.1	1.1	1.0	0.2	0.1	0.1	S
1997	0.6	0.6	0.1	0.9	0.9	0.2	S	S	S
Aerospace/aeronautical engineers									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S
Chemical engineers									
1993	S	1.3	S	S	2.1	S	S	S	S
1995	S	1.5	S	S	1.8	S	S	S	S
1997	S	S	S	S	1.1	S	S	S	S
Civil engineers									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	2.5	S	S	S	S
Electrical/related engineers									
1993	S	0.6	S	S	0.7	0.5	S	S	S
1995	S	0.7	S	0.6	1.2	S	S	S	S
1997	S	1.0	S	S	1.2	S	S	S	S
Industrial engineers									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	4.8	S	S	S	S
Mechanical engineers									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	1.1	S	S	S	S
1997	S	1.2	S	S	0.6	S	S	S	S
Other engineers									
1993	S	0.8	S	S	1.1	S	S	S	S
1995	S	0.7	S	S	1.6	S	S	S	S
1997	S	0.7	S	S	1.3	S	S	S	S
Postsecondary teachers, engineering									
1993	2.0	S	S	2.6	S	S	S	S	S
1995	2.2	2.2	S	3.0	S	S	0.5	S	S
1997	2.4	S	S	3.0	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S9. Employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black			Hispanic			American Indian/Alaskan Native		
	Educational institution	Industry	Government	Educational institution	Industry	Government	Educational Institution	Industry	Government
	Percent								
Non-S&E occupations									
1993	1.2	0.9	0.5	0.8	0.8	0.2	0.1	0.2	0.1
1995	1.4	0.8	0.5	0.7	1.0	0.2	0.2	0.1	0.1
1997	1.5	1.0	0.4	0.8	1.0	0.2	0.2	0.1	S
Managers, administrators, etc.									
1993	1.1	0.9	0.6	0.6	1.0	0.2	0.1	0.2	0.1
1995	1.2	1.2	0.5	0.6	1.1	0.3	0.1	0.1	S
1997	1.2	1.1	0.5	0.6	1.3	0.2	0.2	0.1	S
Health and related occupations									
1993	0.7	0.9	0.6	0.8	1.0	0.1	0.1	0.3	S
1995	1.0	0.8	0.5	0.8	0.6	0.2	S	S	S
1997	1.7	1.2	0.2	1.0	0.8	0.3	S	S	S
Teachers, except S&E postsecondary teachers									
1993	3.3	S	S	2.4	0.1	0.1	S	S	S
1995	4.0	S	S	1.9	S	S	0.6	S	S
1997	3.9	S	S	2.2	S	0.2	0.7	S	S
Social services and related occupations									
1993	S	3.2	S	S	0.8	0.3	S	S	S
1995	S	S	S	S	2.2	S	S	S	S
1997	S	2.7	S	S	S	S	S	S	S
Technologists, etc.									
1993	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	1.1	S	S	S	S
1997	S	1.3	S	S	S	S	S	S	S
Sales and marketing occupations									
1993	S	3.0	S	S	S	S	S	S	S
1995	S	1.1	S	S	3.3	S	S	S	S
1997	S	S	S	S	2.3	S	S	S	S
Other non-S&E occupations									
1993	0.3	1.4	0.4	0.1	1.2	0.2	S	S	S
1995	S	1.3	1.1	0.2	1.8	0.2	0.1	S	0.4
1997	S	1.3	0.9	S	1.3	S	S	S	S

NOTE: Numbers are rounded to nearest ten.

Details may not add to total and percent may not add to 100 because of rounding.

'Other' race included with 'white'.

1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S10. Employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total		Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Total										
1993	462,870	100.0	9.9	15.6	17.7	18.9	17.3	9.8	6.0	4.6
1995	484,780	100.0	9.7	15.3	17.2	18.6	17.4	11.1	6.0	4.7
1997	518,440	100.0	12.4	14.2	16.7	17.1	17.2	12.1	5.9	4.3
Scientists										
1993	267,070	100.0	12.0	17.9	18.6	17.3	14.9	8.7	5.8	4.7
1995	284,840	100.0	11.4	17.0	17.9	18.0	15.3	10.0	5.5	4.8
1997	319,130	100.0	14.0	15.4	17.5	16.9	15.6	10.9	5.4	4.3
Computer/mathematical scientists										
1993	34,440	100.0	13.7	15.9	17.5	17.5	18.5	9.3	4.2	3.3
1995	37,440	100.0	12.2	16.9	17.6	18.4	17.0	10.3	5.2	2.3
1997	45,350	100.0	16.9	16.8	15.8	15.9	16.9	10.8	4.6	2.2
Computer/information scientists										
1993	11,820	100.0	13.9	17.7	20.7	20.6	15.3	7.9	2.6	1.4
1995	14,170	100.0	13.7	19.0	19.7	19.7	17.0	6.6	3.2	1.1
1997	20,820	100.0	20.5	18.9	16.3	15.7	16.2	8.3	3.1	0.9
Mathematical scientists										
1993	5,140	100.0	15.3	12.0	21.0	18.5	16.9	8.9	3.1	4.1
1995	6,050	100.0	11.9	17.8	18.0	19.8	19.2	7.5	4.6	1.3
1997	5,920	100.0	14.3	17.5	14.4	19.9	17.9	9.0	5.0	2.0
Postsecondary teachers, computer & mathematical sciences										
1993	17,490	100.0	13.2	15.8	14.3	15.1	21.1	10.4	5.6	4.4
1995	17,230	100.0	11.1	14.9	15.7	16.9	16.2	14.4	7.2	3.7
1997	18,610	100.0	13.8	14.2	15.7	14.8	17.4	14.3	6.1	3.7
Life and related scientists										
1993	80,970	100.0	13.3	21.4	19.5	16.4	13.2	7.2	4.9	3.9
1995	85,990	100.0	12.8	18.6	20.4	16.6	13.8	8.3	5.1	4.2
1997	97,550	100.0	15.5	17.0	19.6	16.3	13.9	9.2	4.9	3.6
Agricultural/food scientists										
1993	7,500	100.0	11.6	19.1	20.5	12.7	15.3	8.3	6.7	5.8
1995	7,730	100.0	8.0	15.8	23.7	17.6	14.6	8.5	7.2	4.5
1997	9,170	100.0	10.7	15.5	21.1	18.1	14.3	11.3	4.6	4.3
Biological scientists										
1993	43,430	100.0	19.9	25.3	19.8	14.5	9.4	4.9	3.0	3.0
1995	47,650	100.0	19.1	22.6	20.6	15.5	10.7	5.4	2.9	3.1
1997	55,590	100.0	21.7	20.1	20.3	15.4	10.5	6.2	3.1	2.6

See explanatory information and SOURCE at the end of table.

Table S10. Employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total		Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Forestry & conservation scientists										
1993	820	100.0	S	23.2	14.3	19.3	20.9	12.0	S	S
1995	850	100.0	S	21.3	24.0	14.7	15.9	6.5	12.8	S
1997	1,230	100.0	S	14.2	24.6	17.3	19.3	7.1	9.8	5.6
Postsecondary teachers, life & related sciences										
1993	29,220	100.0	4.4	16.1	18.9	20.1	18.1	10.3	7.3	4.9
1995	29,760	100.0	4.4	13.0	19.1	18.1	18.6	13.1	7.7	6.0
1997	31,550	100.0	6.5	12.0	17.6	17.1	19.4	14.1	8.1	5.3
Physical and related scientists										
1993	63,660	100.0	15.2	18.3	14.9	13.9	15.0	10.1	7.4	5.1
1995	65,900	100.0	14.5	18.6	15.5	14.3	13.7	12.0	5.9	5.4
1997	72,240	100.0	15.9	16.7	15.9	13.5	13.7	12.6	6.3	5.4
Chemists except biochemists										
1993	21,220	100.0	21.5	21.7	15.1	13.1	10.6	7.7	6.5	3.7
1995	21,270	100.0	18.7	22.0	17.0	13.2	11.8	8.5	4.3	4.4
1997	24,560	100.0	20.3	19.8	16.5	13.0	11.4	9.6	4.8	4.7
Earth/atmos/ocean scientists										
1993	7,610	100.0	13.0	15.9	15.8	18.8	15.2	12.2	4.8	4.2
1995	8,590	100.0	9.7	17.8	17.9	19.9	15.9	10.1	5.1	3.3
1997	8,830	100.0	11.0	15.0	19.7	16.4	17.4	10.8	6.7	3.1
Physicists & astronomers										
1993	12,610	100.0	18.3	20.1	15.8	13.4	15.4	7.5	4.6	4.8
1995	12,080	100.0	20.4	19.8	13.2	14.5	13.4	9.6	3.7	5.4
1997	13,280	100.0	21.0	14.9	14.4	11.8	13.9	14.1	4.1	5.9
Other physical scientists										
1993	1,470	100.0	11.5	20.5	16.5	8.7	16.7	8.8	10.7	6.6
1995	1,760	100.0	8.7	18.8	22.8	14.2	19.2	12.3	2.9	S
1997	1,280	100.0	13.9	19.3	16.6	19.9	18.2	8.0	4.0	S
Postsecondary teachers, physical & related sciences										
1993	20,760	100.0	7.9	14.5	13.8	13.6	19.1	13.3	10.8	6.9
1995	22,190	100.0	9.7	15.1	13.7	12.9	14.4	17.5	9.0	7.6
1997	24,290	100.0	10.6	15.1	14.5	13.7	14.3	15.7	9.0	7.1
Social scientists										
1993	37,170	100.0	7.3	15.1	18.0	19.0	17.3	10.3	7.2	5.8
1995	40,050	100.0	7.2	14.5	15.7	19.7	18.1	11.2	6.7	6.9
1997	43,370	100.0	10.1	12.5	16.5	18.4	17.7	13.6	6.4	4.9

See explanatory information and SOURCE at the end of table.

Table S10. Employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total		Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Economists										
1993	5,360	100.0	12.5	21.6	17.6	21.1	12.4	7.4	2.5	5.0
1995	5,800	100.0	10.8	20.3	16.3	21.2	14.2	7.6	3.0	6.4
1997	6,640	100.0	14.3	16.0	21.3	15.5	15.5	10.6	3.3	3.6
Political/related scientists										
1993	820	100.0	S	9.5	S	27.8	29.1	13.2	S	10.4
1995	1,110	100.0	8.9	11.9	10.0	22.8	14.7	14.6	9.8	7.3
1997	870	100.0	17.1	14.5	11.9	S	18.8	23.6	S	9.2
Sociologists/anthropologists										
1993	2,470	100.0	6.6	6.1	26.5	24.3	14.6	5.1	4.3	12.4
1995	2,600	100.0	6.4	11.5	19.5	27.0	16.0	8.4	3.4	7.9
1997	3,310	100.0	6.3	11.2	21.1	30.5	15.0	6.8	2.7	6.5
S&T historians & other social scientists										
1993	1,730	100.0	4.2	12.6	33.5	26.7	12.4	6.3	2.0	2.3
1995	2,130	100.0	3.7	12.3	24.3	23.2	20.1	7.0	5.0	4.3
1997	1,840	100.0	7.6	13.8	15.5	33.5	13.2	13.4	1.0	2.0
Postsecondary teachers, social & related sciences										
1993	26,790	100.0	6.7	14.9	16.7	17.3	18.4	11.5	8.8	5.4
1995	28,420	100.0	6.7	13.8	14.9	18.3	19.1	12.4	7.7	7.1
1997	30,710	100.0	9.5	11.7	15.1	17.2	18.7	14.8	7.9	5.0
Psychologists										
1993	50,830	100.0	8.3	15.4	22.9	21.6	13.3	7.6	5.4	5.4
1995	55,460	100.0	7.9	14.4	18.8	23.2	16.4	8.8	5.1	5.2
1997	60,630	100.0	9.7	12.4	18.0	21.7	18.3	9.8	4.9	5.3
Psychologists										
1993	37,370	100.0	7.4	16.2	24.5	22.6	12.4	6.9	4.5	5.4
1995	41,010	100.0	7.6	14.5	20.6	24.0	16.1	8.1	4.2	4.8
1997	45,120	100.0	9.7	12.8	19.0	22.8	17.6	9.1	4.1	5.0
Postsecondary teachers, psychology										
1993	13,470	100.0	10.9	13.3	18.3	19.0	15.7	9.5	7.9	5.4
1995	14,450	100.0	8.8	13.9	13.8	21.0	17.4	10.8	7.9	6.5
1997	15,510	100.0	9.7	11.5	15.1	18.5	20.3	11.9	7.1	6.0
Engineers										
1993	55,550	100.0	15.6	18.3	15.3	15.1	14.8	10.7	5.9	4.4
1995	58,430	100.0	14.9	21.6	16.6	13.8	13.1	10.6	5.2	4.1
1997	69,740	100.0	17.4	18.7	15.4	12.2	14.2	11.4	7.0	3.7

See explanatory and SOURCE at the end of table.

Table S10. Employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total		Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Aerospace/aeronautical engineers										
1993	3,150	100.0	13.1	15.2	18.5	22.2	11.6	12.1	2.2	5.1
1995	3,630	100.0	12.9	16.9	17.7	14.1	13.3	17.8	3.6	3.8
1997	3,990	100.0	13.8	16.5	11.8	14.2	13.9	19.8	5.7	4.4
Chemical engineers										
1993	5,610	100.0	21.2	20.5	11.6	12.9	13.1	11.8	3.9	5.1
1995	5,640	100.0	22.7	25.0	15.7	9.9	11.8	8.2	4.1	2.6
1997	6,730	100.0	22.3	23.3	16.4	9.4	12.7	6.5	5.7	3.6
Civil engineers										
1993	2,460	100.0	11.7	17.0	17.2	15.4	22.1	8.7	5.2	2.6
1995	2,790	100.0	12.2	19.5	17.7	11.8	18.3	10.9	4.2	5.5
1997	3,350	100.0	12.6	18.0	18.0	15.1	15.1	11.8	5.9	3.6
Electrical/related engineers										
1993	9,270	100.0	18.0	17.3	15.0	17.6	15.2	8.0	4.7	4.0
1995	10,660	100.0	20.5	21.2	16.7	13.4	12.6	10.0	2.1	3.4
1997	13,500	100.0	25.3	18.5	13.1	10.7	12.2	12.3	4.4	3.5
Industrial engineers										
1993	350	100.0	17.0	23.4	26.5	S	15.0	S	S	S
1995	840	100.0	18.0	25.3	12.3	15.2	12.1	9.7	S	S
1997	1,220	100.0	19.2	24.1	20.5	10.7	14.6	S	S	5.1
Mechanical engineers										
1993	5,090	100.0	16.2	21.6	15.8	11.3	14.4	14.9	4.7	1.0
1995	5,770	100.0	13.4	26.3	16.4	15.5	11.9	8.4	6.4	1.6
1997	7,820	100.0	18.6	21.1	15.5	14.5	13.7	9.7	5.2	1.8
Other engineers										
1993	13,960	100.0	16.9	18.2	17.4	15.1	13.3	9.6	5.2	4.4
1995	13,590	100.0	14.5	20.9	17.1	17.0	13.1	8.5	3.9	5.0
1997	16,000	100.0	15.1	18.4	15.9	13.1	16.6	10.2	6.7	4.1
Postsecondary teachers, engineering										
1993	15,660	100.0	11.8	17.7	13.5	14.1	16.0	11.8	9.3	5.6
1995	15,530	100.0	10.0	20.9	16.2	12.2	13.3	13.0	9.0	5.3
1997	17,140	100.0	12.3	16.7	16.1	11.7	14.3	13.1	11.7	4.1

See explanatory and SOURCE at the end of table.

Table S10. Employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total		Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
	Number	Percent	Percent							
Non-S&E occupations										
1993	140,240	100.0	3.5	10.2	17.1	23.5	23.0	11.7	6.3	4.6
1995	141,520	100.0	4.0	9.3	16.0	21.8	23.4	13.6	7.1	4.6
1997	129,570	100.0	5.8	8.8	15.4	20.4	22.8	15.5	6.6	4.7
Managers, administrators, etc.										
1993	90,400	100.0	2.1	8.8	16.5	24.4	25.2	13.0	6.2	3.8
1995	83,820	100.0	2.3	7.6	15.0	22.8	25.9	15.4	7.3	3.7
1997	71,010	100.0	2.9	7.2	14.6	21.8	24.9	18.7	6.7	3.2
Health and related occupations										
1993	12,570	100.0	9.7	15.0	18.6	23.0	15.8	8.6	4.7	4.4
1995	13,450	100.0	9.7	14.8	18.4	18.9	17.6	10.8	5.8	3.9
1997	14,440	100.0	11.4	12.1	20.2	16.1	20.4	10.8	5.5	3.5
Teachers, except S&E postsecondary teachers										
1993	16,660	100.0	4.1	12.1	18.4	22.4	21.2	10.0	6.9	4.8
1995	19,760	100.0	3.9	9.2	18.2	23.3	21.7	10.7	8.4	4.6
1997	20,780	100.0	6.7	9.5	15.7	21.2	21.7	12.4	7.1	5.7
Social services and related occupations										
1993	1,670	100.0	S	8.2	14.3	19.8	23.5	16.1	7.3	8.6
1995	1,770	100.0	4.9	3.2	22.6	19.3	20.5	15.4	5.6	8.6
1997	2,020	100.0	4.6	11.6	8.6	20.8	22.5	12.6	8.1	11.2
Technologists, etc.										
1993	4,740	100.0	9.3	20.3	23.0	20.0	16.6	3.5	3.8	3.5
1995	5,310	100.0	12.1	20.5	19.5	19.3	14.7	6.7	2.7	4.1
1997	4,570	100.0	15.5	15.3	17.1	17.4	17.7	10.5	3.5	3.0
Sales and marketing occupations										
1993	4,490	100.0	5.2	9.8	17.0	21.8	18.0	13.5	7.8	5.7
1995	4,870	100.0	5.6	10.1	14.1	21.6	21.0	14.3	7.0	6.2
1997	5,230	100.0	8.5	10.2	16.2	20.2	15.5	11.8	9.2	8.4
Other non-S&E occupations										
1993	9,720	100.0	3.4	9.1	16.3	21.1	20.3	8.7	8.6	12.0
1995	12,560	100.0	5.6	10.7	14.4	17.4	21.2	11.2	8.1	11.2
1997	11,530	100.0	9.4	9.9	14.3	16.5	20.9	12.0	5.9	11.1

NOTE: Numbers are rounded to nearest ten.
Details may not add to total and percents may not add to 100 because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S11. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and race/ethnicity: 1993, 1995, and 1997

Field and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Total													
1993	$60,000	$61,000	$62,000	$60,000	$52,000	$56,000	$55,000	$48,000	$48,000	$48,000	$47,500	$44,000	$45,000
1995	60,200	65,000	65,000	61,000	57,000	58,000	54,000	50,000	50,000	48,000	51,000	42,000	49,000
1997	65,000	70,000	70,000	67,000	62,000	65,000	58,000	53,000	53,000	51,000	52,000	47,000	50,000
Sciences													
1993	56,000	60,000	60,000	54,500	52,000	55,000	55,000	48,000	48,000	47,000	47,000	43,000	45,000
1995	60,000	62,000	63,000	56,000	55,000	56,000	50,000	50,000	50,000	47,000	51,000	41,000	48,000
1997	62,000	66,000	67,500	60,000	60,000	60,000	57,000	52,000	52,500	50,000	52,000	46,000	50,000
Computer/math sciences													
1993	57,600	58,500	60,000	54,300	53,900	55,000	S	51,000	52,000	50,000	S	S	S
1995	60,000	61,000	64,000	57,000	57,000	50,000	S	53,000	53,900	54,000	S	S	S
1997	65,000	67,000	68,000	64,000	69,000	67,800	S	56,000	56,000	57,700	S	S	S
Computer/information sciences													
1993	60,200	63,000	62,000	63,000	S	S	S	53,000	53,100	S	S	S	S
1995	65,000	66,000	68,000	62,000	S	S	S	56,000	56,000	55,000	S	S	S
1997	72,000	75,000	72,000	75,000	S	S	S	61,000	58,000	65,000	S	S	S
Mathematical sciences													
1993	56,000	57,000	59,000	48,800	52,000	50,000	S	50,000	51,000	49,400	S	S	S
1995	60,000	60,000	62,000	50,000	57,000	49,900	S	51,000	52,000	50,000	S	S	S
1997	63,000	65,000	66,000	55,000	63,000	55,000	S	52,000	54,000	51,000	S	S	S
Biological/agricultural sciences													
1993	54,100	57,200	58,000	51,000	52,000	53,000	S	45,000	46,800	41,300	44,900	37,000	S
1995	57,000	60,000	60,000	50,000	53,000	55,000	65,000	48,000	50,000	38,000	45,000	40,000	S
1997	60,000	63,000	65,000	51,000	57,000	58,000	60,000	50,000	50,000	38,600	48,000	44,000	S
Agricultural/food sciences													
1993	53,000	54,600	55,000	49,400	S	52,000	S	42,900	43,000	40,000	S	S	S
1995	55,000	57,500	58,500	52,000	47,000	55,000	S	45,000	45,000	45,000	S	S	S
1997	60,000	62,000	62,000	60,000	44,000	57,000	S	50,000	50,000	50,000	S	S	S
Biological sciences													
1993	55,000	58,000	59,100	52,000	52,000	55,000	S	46,000	47,000	43,000	44,900	36,000	S
1995	57,500	60,000	61,600	50,000	55,000	59,000	S	48,000	50,000	37,000	44,000	40,000	S
1997	60,000	64,000	65,000	50,000	60,000	60,000	S	49,800	50,000	37,000	49,000	43,000	S
Environmental life sciences													
1993	57,300	58,500	59,000	S	S	S	S	45,000	45,000	S	S	S	S
1995	55,900	57,000	58,000	50,000	S	S	S	48,000	50,000	S	S	S	S
1997	60,000	61,000	61,000	55,000	S	S	S	50,000	50,000	S	S	S	S
Health sciences													
1993	56,000	65,000	66,000	66,000	S	S	S	50,000	50,000	52,000	49,000	S	S
1995	58,000	69,000	69,500	73,500	52,000	S	S	52,000	52,000	55,000	54,000	S	S
1997	60,000	71,000	71,500	74,000	60,000	S	S	55,000	54,000	65,000	57,000	54,000	S

See explanatory information and SOURCE at the end of table.

Table S11. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and race/ethnicity: 1993, 1995, and 1997

Field and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Physical/related sciences													
1993	64000	65000	66200	59000	56000	59000	60000	52000	53000	50000	S	46000	S
1995	66,000	68,000	70,000	60,600	59,000	62,000	73,000	56,000	58,400	52,100	S	39,400	S
1997	70,000	72,000	74,000	65,000	69,000	68,000	80,000	59,000	60,000	57,000	S	43,500	S
Chemistry, except biochem													
1993	64,000	65,000	67,000	60,000	54,000	57,400	S	52,000	53,600	51,500	S	S	S
1995	68,000	70,000	71,000	63,300	59,000	63,000	S	58,800	60,000	52,800	S	S	S
1997	70,500	73,000	75,000	65,000	67,000	70,000	S	60,000	62,000	57,000	S	41,000	S
Earth/atmos/ocean sciences													
1993	58,800	60,000	60,000	54,400	S	S	S	48,000	49,000	S	S	S	S
1995	60,000	60,000	61,500	47,000	S	56,000	S	48,100	49,100	S	S	S	S
1997	60,000	62,000	65,000	50,000	S	51,000	S	46,000	48,000	S	S	S	S
Physics and astronomy													
1993	66,000	67,000	68,700	58,000	62,400	60,000	S	54,000	55,300	48,000	S	S	S
1995	68,000	69,000	70,000	60,000	65,000	62,900	S	57,000	57,000	55,000	S	S	S
1997	73,000	75,000	75,000	66,000	76,000	70,200	S	60,000	58,000	63,000	S	S	S
Social sciences													
1993	52,000	55,000	56,300	48,000	49,500	50,000	46,300	46,000	46,000	44,000	45,000	40,000	S
1995	55,000	59,000	60,000	53,000	52,000	50,000	42,000	48,200	49,500	45,000	50,000	40,000	S
1997	58,000	60,100	62,000	55,000	56,500	56,000	49,000	51,300	52,000	48,000	53,000	44,000	S
Economics													
1993	61,500	62,400	65,000	50,000	52,000	61,000	S	53,900	55,000	48,300	S	S	S
1995	65,000	65,000	66,000	53,000	68,000	63,000	S	60,000	62,000	55,800	S	S	S
1997	69,000	70,000	70,000	60,000	66,000	90,000	S	64,000	65,000	57,000	S	S	S
Political/related sciences													
1993	52,000	52,300	54,600	40,000	54,000	S	S	48,000	48,200	S	S	S	S
1995	55,000	56,500	58,000	58,000	60,000	42,000	S	50,000	50,000	S	60,000	S	S
1997	58,000	60,000	60,000	65,000	71,000	52,000	S	50,000	51,800	S	45,000	S	S
Sociology													
1993	50,000	50,000	51,000	40,300	43,500	S	S	46,000	46,000	S	S	S	S
1995	50,600	53,300	54,500	43,000	50,000	S	S	47,500	48,000	S	50,600	S	S
1997	53,300	55,000	57,000	49,000	46,000	S	S	50,000	50,000	41,000	56,000	S	S
Other social sciences													
1993	48,000	50,000	50,000	51,000	48,000	45,000	S	43,000	43,000	40,800	44,000	39,000	S
1995	50,000	53,000	54,900	56,000	45,000	50,000	S	45,000	46,000	42,000	44,700	40,000	S
1997	52,000	55,000	56,400	51,000	45,800	56,000	48,000	49,000	49,600	43,500	52,000	39,000	S
Psychology													
1993	51,500	55,000	55,000	48,000	52,000	53,000	S	47,000	47,000	45,600	50,000	46,200	S
1995	56,000	60,000	60,000	52,000	58,000	56,000	54,000	50,000	50,000	48,000	55,000	45,000	48,000
1997	60,000	64,000	65,000	50,000	57,000	64,000	S	52,000	53,000	50,000	52,000	47,000	S

See explanatory information and SOURCE at the end of table.

Table S11. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and race/ethnicity: 1993, 1995, and 1997

Field and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Engineering													
1993	$69,000	$70,000	$72,000	$65,000	$61,400	$62,000	S	$58,500	$58,000	$60,000	S	S	S
1995	70,000	70,000	74,000	67,000	67,000	64,000	S	58,200	60,000	54,000	S	S	S
1997	75,000	76,000	80,000	72,000	68,600	70,000	S	63,000	62,000	63,000	S	S	S
Aerospace/aeronautical													
1993	68,900	68,900	70,000	56,400	S	S	S	S	S	S	S	S	S
1995	72,000	70,000	73,000	65,000	S	S	S	S	S	S	S	S	S
1997	75,000	74,000	78,500	67,000	S	S	S	S	S	S	S	S	S
Chemical													
1993	72,000	72,000	75,000	69,500	S	S	S	60,000	61,700	S	S	S	S
1995	73,000	74,500	76,000	70,000	S	60,000	S	61,600	61,700	S	S	S	S
1997	79,000	80,000	84,000	74,000	S	S	S	65,000	60,000	S	S	S	S
Civil													
1993	63,500	63,700	65,000	63,600	S	S	S	S	S	S	S	S	S
1995	65,000	65,000	67,000	62,500	S	50,000	S	54,000	52,000	S	S	S	S
1997	69,000	70,000	70,000	70,000	52,000	S	S	50,000	55,000	S	S	S	S
Electrical/computer													
1993	72,000	72,700	75,000	67,000	67,500	63,500	S	62,500	60,000	64,900	S	S	S
1995	75,000	75,000	79,400	70,000	70,000	65,000	S	58,800	55,000	60,000	S	S	S
1997	80,000	80,000	84,000	76,000	73,500	70,000	S	68,000	61,200	70,000	S	S	S
Materials/metallurgical													
1993	65,000	66,000	69,700	62,000	S	S	S	56,900	55,000	S	S	S	S
1995	69,000	70,000	71,000	66,000	S	S	S	50,000	51,200	S	S	S	S
1997	75,000	76,000	80,000	70,000	S	S	S	63,000	62,000	69,000	S	S	S
Mechanical													
1993	66,500	66,700	70,000	60,000	S	S	S	62,000	S	S	S	S	S
1995	67,000	67,000	70,000	60,000	S	S	S	62,000	S	S	S	S	S
1997	73,000	74,000	75,000	70,000	S	S	S	56,000	S	S	S	S	S
Other engineering													
1993	66,600	67,200	70,000	61,000	68,000	65,000	S	55,000	55,000	S	S	S	S
1995	68,000	69,000	70,000	64,000	90,000	70,800	S	58,000	58,000	57,200	S	S	S
1997	75,000	75,000	79,000	70,000	64,000	70,000	S	64,100	65,000	56,000	S	S	S

NOTE: Numbers are rounded to nearest hundred.
'Other' race included with 'white'.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S12. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Total									
1993	$60,000	$61,000	$53,000	$72,000	$60,000	$48,000	$43,000	$58,600	$51,100
1995	60,200	65,000	55,000	75,000	63,000	50,000	44,000	61,000	54,900
1997	65,000	70,000	59,000	72,000	69,000	53,000	43,000	58,600	60,000
Sciences									
1993	56,000	60,000	52,000	71,000	60,000	48,000	42,900	58,000	51,000
1995	60,000	62,000	54,000	75,000	62,000	50,000	44,000	60,000	54,700
1997	62,000	66,000	57,000	80,000	67,000	52,000	46,000	65,000	59,000
Computer/math sciences									
1993	57,600	58,500	51,000	75,200	65,000	51,000	45,300	70,000	S
1995	60,000	61,000	54,000	78,000	62,500	53,000	47,000	70,000	S
1997	65,000	67,000	58,000	84,100	75,000	56,000	47,400	76,000	98,000
Computer/information sciences									
1993	60,200	63,000	54,000	75,000	S	53,000	50,000	68,000	S
1995	65,000	66,000	54,000	78,000	S	56,000	52,000	67,000	S
1997	72,000	75,000	59,400	85,000	83,000	61,000	54,000	76,000	S
Mathematical sciences									
1993	56,000	57,000	50,000	76,000	63,400	50,000	44,990	73,000	S
1995	60,000	60,000	54,000	78,000	62,500	51,000	42,900	78,000	S
1997	63,000	65,000	58,000	82,500	75,000	52,000	44,000	76,000	S
Biological/agricultural sciences									
1993	54,100	57,200	52,000	68,000	58,000	45,000	40,000	58,500	49,300
1995	57,000	60,000	54,000	72,000	60,100	48,000	41,200	60,000	54,000
1997	60,000	63,000	56,672	76,000	65,000	50,000	43,000	65,000	57,020
Agricultural/food sciences									
1993	53,000	54,600	50,500	60,000	55,000	42,900	40,000	50,000	48,000
1995	55,000	57,500	55,000	61,300	54,000	45,000	38,000	52,000	52,000
1997	60,000	62,000	58,000	69,000	60,000	50,000	45,000	60,000	60,000
Biological sciences									
1993	55,000	58,000	52,000	70,000	58,000	46,000	40,040	60,000	51,000
1995	57,500	60,000	54,000	74,000	62,000	48,000	42,000	62,800	54,000
1997	60,000	64,000	56,000	80,000	65,400	49,800	42,500	65,000	57,000
Environmental life sciences									
1993	57,300	58,500	50,000	70,000	60,000	45,000	S	S	S
1995	55,900	57,000	52,000	62,000	59,200	48,000	S	S	S
1997	60,000	61,000	57,400	80,000	60,000	50,000	S	S	S
Health sciences									
1993	56,000	65,000	60,000	79,900	60,000	50,000	48,000	60,000	52,300
1995	58,000	69,000	60,500	84,000	62,000	52,000	49,000	63,300	54,000
1997	60,000	71,000	62,000	85,000	65,000	55,000	51,000	68,000	59,000

See explanatory information and SOURCE at the end of table.

Table S12. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Physical/related sciences									
1993	$64,000	$65,000	$52,450	$72,000	$65,000	$52,000	$39,000	$60,200	$54,000
1995	66,000	68,000	53,000	75,000	70,000	56,000	40,000	64,500	60,000
1997	70,000	72,000	56,000	80,000	75,000	59,000	42,000	70,000	68,000
Chemistry, except biochem									
1993	64,000	65,000	50,000	71,100	62,400	52,000	36,000	60,000	53,500
1995	68,000	70,000	52,000	75,000	66,000	58,800	38,300	64,700	58,400
1997	70,500	73,000	53,100	80,000	71,000	60,000	39,600	70,000	63,400
Earth/atmos/ocean sciences									
1993	58,800	60,000	50,000	69,500	63,200	48,000	38,000	60,600	58,700
1995	60,000	60,000	51,100	68,000	68,700	48,100	40,000	59,000	70,000
1997	60,000	62,000	53,200	70,000	73,200	46,000	42,000	73,000	75,000
Physics and astronomy									
1993	66,000	67,000	57,000	74,600	69,000	54,000	45,000	66,000	S
1995	68,000	69,000	55,500	75,000	72,000	57,000	42,000	65,000	S
1997	73,000	75,000	62,000	80,000	80,000	60,000	46,600	74,000	70,000
Social sciences									
1993	52,000	55,000	51,000	80,000	62,400	46,000	43,200	57,000	55,000
1995	55,000	59,000	54,000	80,000	65,000	48,200	45,000	65,000	60,000
1997	58,000	60,100	56,000	82,000	65,800	51,300	47,800	70,000	65,500
Economics									
1993	61,500	62,400	55,000	95,000	69,000	53,900	47,500	75,000	62,500
1995	65,000	65,000	59,100	99,000	70,000	60,000	48,200	90,000	69,100
1997	69,000	70,000	63,000	100,000	73,000	64,000	56,000	75,000	77,000
Political/related sciences									
1993	52,000	52,300	50,000	85,000	70,000	48,000	45,000	60,000	61,400
1995	55,000	56,500	51,000	88,000	75,000	50,000	42,000	60,000	75,000
1997	58,000	60,000	55,000	91,000	70,000	50,000	45,000	82,000	91,000
Sociology									
1993	50,000	50,000	50,000	53,300	60,000	46,000	43,000	57,000	55,000
1995	50,600	53,300	51,000	52,000	69,000	47,500	47,000	63,500	50,600
1997	53,300	55,000	54,000	66,100	54,800	50,000	47,000	70,000	71,000
Other social sciences									
1993	48,000	50,000	50,000	60,000	52,000	43,000	42,000	47,000	48,000
1995	50,000	53,000	50,000	60,200	55,000	45,000	42,800	56,000	48,700
1997	52,000	55,000	52,000	70,000	54,500	49,000	46,000	57,500	56,000
Psychology									
1993	51,500	55,000	51,000	63,500	53,600	47,000	44,000	51,000	50,000
1995	56,000	60,000	53,500	71,000	56,000	50,000	44,000	57,000	50,800
1997	60,000	64,000	57,000	76,000	60,000	52,000	48,000	60,000	54,000

See explanatory information and SOURCE at the end of table.

Table S12. Median salary of employed doctoral scientists and engineers by field of doctorate, sex, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Engineering									
1993	$69,000	$70,000	$62,000	$73,000	$69,000	$58,500	$50,000	$62,000	$58,000
1995	70,000	70,000	62,000	75,000	68,600	58,200	52,000	63,000	63,000
1997	75,000	76,000	69,000	80,000	76,000	63,000	55,000	70,000	60,000
Aerospace/aeronautical									
1993	68,900	68,900	62,000	74,000	74,000	S	S	S	S
1995	72,000	70,000	70,000	75,000	72,000	S	S	S	S
1997	75,000	74,000	70,000	78,000	75,000	S	S	S	S
Chemical									
1993	72,000	72,000	64,200	75,000	66,000	60,000	S	62,000	S
1995	73,000	74,500	61,500	78,200	72,000	61,600	S	63,500	S
1997	79,000	80,000	67,000	83,000	78,000	65,000	S	68,000	S
Civil									
1993	63,500	63,700	60,000	70,000	67,000	S	S	S	S
1995	65,000	65,000	60,000	72,000	70,700	54,000	S	S	S
1997	69,000	70,000	63,200	80,000	75,000	50,000	S	S	S
Electrical/computer									
1993	72,000	72,700	62,000	76,800	72,000	62,500	50,000	67,200	S
1995	75,000	75,000	65,000	80,000	70,000	58,800	52,600	63,000	S
1997	80,000	80,000	70,000	84,800	80,000	68,000	55,000	73,000	S
Materials/metallurgical									
1993	65,000	66,000	60,000	67,600	73,600	56,900	S	58,500	S
1995	69,000	70,000	62,000	71,000	78,000	50,000	38,600	58,000	S
1997	75,000	76,000	66,500	79,600	78,500	63,000	49,000	69,000	S
Mechanical									
1993	66,500	66,700	59,000	70,800	68,000	62,000	S	S	S
1995	67,000	67,000	56,000	70,000	68,000	62,000	S	S	S
1997	73,000	74,000	64,000	75,000	76,000	56,000	S	56,000	S
Other engineering									
1993	66,600	67,200	63,000	72,000	68,000	55,000	49,000	62,400	S
1995	68,000	69,000	63,800	75,000	65,900	58,000	52,000	67,500	S
1997	75,000	75,000	70,000	80,000	73,000	64,050	59,000	65,000	S

NOTE: Numbers are rounded to nearest hundred.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	White				Asian/Pacific Islander			
		Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
Total									
1993	$60,000	$60,000	$52,000	$72,000	$60,000	$57,600	$45,600	$65,000	$55,900
1995	60,200	62,000	53,300	75,000	62,000	60,000	45,000	68,000	55,000
1997	65,000	65,500	56,000	80,000	67,000	65,000	49,000	72,000	64,000
Sciences									
1993	56,000	57,400	50,000	70,000	58,700	52,000	42,000	64,000	54,300
1995	60,000	60,000	52,000	73,000	60,900	53,300	42,000	67,000	54,300
1997	62,000	63,500	55,000	78,000	65,000	57,600	45,000	70,000	61,000
Computer/math sciences									
1993	57,600	59,300	51,400	77,000	65,000	54,000	45,000	70,000	S
1995	60,000	62,000	55,000	80,000	69,000	55,000	48,000	71,000	S
1997	65,000	67,000	58,000	85,000	75,300	62,100	50,000	80,000	S
Computer/information sciences									
1993	60,200	60,500	53,000	76,000	S	62,000	53,000	69,000	S
1995	65,000	66,000	54,000	80,000	S	60,400	54,000	72,000	S
1997	72,000	72,000	55,000	85,000	71,000	72,000	60,000	85,000	S
Mathematical sciences									
1993	56,000	58,000	51,000	78,000	65,000	48,800	40,000	70,000	S
1995	60,000	60,900	55,000	80,000	69,000	50,000	45,000	70,000	S
1997	63,000	65,000	59,000	83,400	77,400	55,000	45,000	75,000	S
Biological/agricultural sciences									
1993	54,100	55,000	50,000	66,000	56,000	49,800	41,000	59,500	52,000
1995	57,000	58,500	52,000	72,200	60,000	46,000	38,600	60,000	50,000
1997	60,000	60,800	55,000	75,000	63,000	47,000	37,000	65,000	57,000
Agricultural/food sciences									
1993	53,000	53,400	50,000	60,000	53,000	49,000	40,600	54,000	S
1995	55,000	56,200	54,000	60,000	54,000	50,000	43,400	55,000	S
1997	60,000	60,000	58,000	68,000	60,000	57,700	48,000	70,000	S
Biological sciences									
1993	55,000	55,000	50,000	68,000	56,000	50,000	41,000	60,000	52,000
1995	57,500	59,500	52,000	72,000	62,000	45,000	37,400	60,000	48,000
1997	60,000	61,000	54,000	79,000	65,000	45,000	37,000	63,000	55,000
Environmental life sciences									
1993	57,300	58,000	50,000	70,000	59,100	S	S	S	S
1995	55,900	56,500	52,000	60,000	59,200	48,000	S	S	S
1997	60,000	61,000	57,300	77,100	60,000	55,000	S	S	S
Health sciences									
1993	56,000	55,700	51,000	70,200	58,000	60,400	53,000	69,000	S
1995	58,000	58,000	52,500	73,000	60,000	65,000	51,000	75,000	S
1997	60,000	60,000	55,000	80,000	62,000	70,000	54,000	75,000	60,100

See explanatory information and SOURCE at the end of table.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	White				Asian/Pacific Islander			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Physical/related sciences									
1993	$64,000	$65,000	$52,500	$72,000	$65,000	$57,000	$40,000	$64,800	$57,000
1995	66,000	68,500	53,000	75,000	70,000	60,000	40,000	67,000	60,000
1997	70,000	72,000	55,000	80,000	75,000	65,000	44,000	70,000	70,000
Chemistry, except biochem									
1993	64,000	65,000	50,000	72,000	62,400	58,000	37,100	62,000	57,000
1995	68,000	70,000	50,600	75,000	65,600	60,000	34,600	67,000	60,000
1997	70,500	72,400	52,000	80,000	71,000	65,000	37,000	70,000	56,600
Earth/atmos/ocean sciences									
1993	58,800	60,000	50,000	68,500	63,200	54,400	45,600	59,000	
1995	60,000	60,000	50,900	68,000	69,600	45,900	41,000	60,000	S
1997	60,000	62,000	53,000	73,000	75,000	50,000	41,000	55,000	S
Physics and astronomy									
1993	66,000	68,000	60,000	75,000	69,000	56,000	42,000	69,000	59,100
1995	68,000	70,000	57,500	76,500	73,000	60,000	44,000	70,000	60,000
1997	73,000	75,000	62,000	80,000	79,000	66,000	50,000	70,000	83,000
Social sciences									
1993	52,000	53,000	50,000	75,000	60,000	46,000	42,000	71,000	59,100
1995	55,000	56,000	52,000	75,000	65,000	51,000	47,000	75,000	60,000
1997	58,000	59,400	55,000	80,000	67,000	54,000	50,000	70,000	58,860
Economics									
1993	61,500	62,500	57,000	95,000	69,000	50,000	43,000	74,000	S
1995	65,000	65,700	60,000	109,000	72,000	53,000	50,000	90,000	60,000
1997	69,000	70,000	64,000	95,000	80,000	60,000	54,000	72,100	55,000
Political/related sciences									
1993	52,000	52,000	49,300	83,000	73,000	40,000	37,800	S	S
1995	55,000	55,000	49,600	81,000	77,800	56,000	50,000	S	S
1997	58,000	58,000	53,000	91,000	71,000	60,000	55,000	S	S
Sociology									
1993	50,000	50,000	48,000	55,000	60,000	40,000	38,000	S	S
1995	50,600	51,500	50,000	60,000	67,000	42,000	42,000	S	S
1997	53,300	55,000	52,000	70,000	64,100	44,000	43,400	S	S
Other social sciences									
1993	48,000	48,500	47,000	56,000	49,700	50,000	44,000	51,000	S
1995	50,000	50,000	49,000	60,000	54,000	48,700	42,000	66,000	S
1997	52,000	52,000	50,000	68,000	55,000	50,000	46,000	65,000	S
Psychology									
1993	51,500	52,000	49,000	60,000	52,000	45,600	42,000	43,200	S
1995	56,000	56,000	50,000	65,000	55,000	49,600	45,000	60,000	50,000
1997	60,000	60,000	53,000	70,000	58,400	50,000	45,000	60,000	54,000

See explanatory information and SOURCE at the end of table.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Total	White				Asian/Pacific Islander			
		Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
Engineering									
1993	$69,000	$70,000	$63,000	$75,000	$70,000	$64,700	$54,000	$67,000	$60,000
1995	70,000	72,180	64,000	78,800	70,000	65,600	54,000	70,000	61,000
1997	75,000	78,000	70,000	85,000	78,000	72,000	65,000	75,000	70,000
Aerospace/aeronautical									
1993	68,900	70,000	65,000	75,000	74,000	56,600	S	57,000	S
1995	72,000	73,000	70,000	75,000	75,000	65,000	51,000	65,600	S
1997	75,000	78,500	76,000	80,000	75,000	67,000	S	66,000	S
Chemical									
1993	72,000	73,800	65,000	78,000	66,000	68,600	59,500	69,500	S
1995	73,000	75,000	66,000	80,000	72,000	70,000	60,000	70,700	S
1997	79,000	81,700	65,000	87,700	78,000	74,000	65,000	75,000	S
Civil									
1993	63,500	65,000	60,000	70,000	69,000	60,300	55,200	68,900	S
1995	65,000	66,000	60,000	80,000	76,000	62,500	55,000	68,000	S
1997	69,000	70,000	65,000	81,000	77,000	68,000	57,000	77,000	52,000
Electrical/computer									
1993	72,000	75,000	63,900	80,000	72,000	67,000	55,000	70,000	S
1995	75,000	78,000	67,000	83,000	75,000	69,000	55,000	70,000	S
1997	80,000	82,500	70,000	90,000	78,000	75,000	70,000	76,200	80,000
Materials/metallurgical									
1993	65,000	67,600	65,000	68,000	69,000	61,200	52,000	66,000	S
1995	69,000	70,000	66,000	70,500	62,000	65,000	47,100	70,000	S
1997	75,000	78,000	70,000	80,000	75,000	70,000	65,000	75,000	S
Mechanical									
1993	66,500	70,000	60,000	77,000	71,000	60,000	50,400	63,000	S
1995	67,000	70,000	60,000	77,200	90,000	60,000	51,000	62,000	S
1997	73,000	75,000	65,400	78,000	89,000	70,000	64,000	70,000	S
Other engineering									
1993	66,600	70,000	65,000	75,000	68,000	61,000	54,000	65,000	S
1995	68,000	69,500	65,000	78,000	68,000	64,000	54,000	70,000	49,000
1997	75,000	76,000	70,000	84,500	78,500	70,000	61,000	73,000	70,000

See explanatory information and SOURCE at the end of table.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black				Hispanic				Alaskan Native/American Indian			
	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Total												
1993	$51,000	$47,500	$62,400	$52,000	$53,400	$46,600	$65,000	$55,000	$55,000	$46,300	$70,000	$60,000
1995	55,000	50,000	65,000	56,000	54,400	47,000	68,000	60,000	52,000	46,500	65,000	58,000
1997	59,000	50,000	73,000	63,700	59,500	50,000	75,000	63,000	56,000	50,000	72,000	53,500
Sciences												
1993	50,000	46,500	60,000	51,100	51,100	45,000	63,000	53,000	53,000	46,200	62,400	60,000
1995	53,000	48,000	65,000	55,000	52,000	45,000	65,000	59,500	50,000	46,200	65,000	55,000
1997	57,000	50,000	72,000	65,000	56,000	49,600	75,000	60,000	54,000	49,000	70,000	S
Computer/math sciences												
1993	53,000	51,000	S	S	55,000	50,000	S	S	S	S	S	S
1995	57,000	51,300	S	S	49,900	46,200	S	S	S	S	S	S
1997	63,000	53,000	S	S	64,000	50,000	S	S	S	S	S	S
Computer/information sciences												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Mathematical sciences												
1993	52,000	50,000	S	S	50,000	49,300	S	S	S	S	S	S
1995	55,000	50,000	S	S	48,000	45,000	S	S	S	S	S	S
1997	63,000	53,000	S	S	54,000	46,000	S	S	S	S	S	S
Biological/agricultural sciences												
1993	50,000	47,000	67,500	48,400	50,000	43,800	58,000	S	54,000	S	S	S
1995	50,000	46,500	68,000	54,100	52,000	44,000	65,000	S	56,000	S	S	S
1997	54,000	45,000	78,000	60,000	54,000	49,000	70,000	53,000	60,000	S	S	S
Agricultural/food sciences												
1993	52,000	S	S	S	51,000	S	S	S	S	S	S	S
1995	47,000	S	S	S	51,000	46,900	S	S	S	S	S	S
1997	44,000	S	S	S	54,000	S	S	S	S	S	S	S
Biological sciences												
1993	50,000	47,500	75,000	48,000	50,000	40,000	61,000	S	S	S	S	S
1995	50,000	47,900	68,000	54,100	52,500	43,000	70,000	S	56,000	S	S	S
1997	56,000	50,000	80,000	60,000	54,600	49,000	72,000	S	62,000	S	S	S
Environmental life sciences												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Health sciences												
1993	50,000	47,500	S	S	53,600	S	S	S	S	S	S	S
1995	52,400	52,000	S	S	58,000	S	S	S	S	S	S	S
1997	58,000	53,500	S	S	62,000	60,000	S	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black				Hispanic				Alaskan Native/American Indian			
	Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
Physical/related sciences												
1993	$54,600	$48,000	$59,800	S	$57,600	$48,000	$65,000	S	$60,000	S	S	S
1995	59,000	45,000	62,500	S	60,000	50,200	65,000	S	73,000	S	S	S
1997	67,000	60,000	70,000	S	60,000	56,000	73,000	68,000	78,000	S	S	S
Chemistry, except biochem												
1993	51,000	43,500	56,000	S	57,000	42,000	62,000	S	S	S	S	S
1995	57,500	41,000	62,000	S	60,000	50,200	64,000	S	S	S	S	S
1997	65,000	50,000	70,000	S	60,000	60,000	70,000	S	75,000	S	S	S
Earth/atmos/ocean sciences												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	54,000	S	S	S	S	S	S	S
1997	S	S	S	S	51,000	S	S	S	S	S	S	S
Physics and astronomy												
1993	62,400	S	S	S	61,800	56,000	S	S	S	S	S	S
1995	65,000	S	S	S	62,900	49,500	S	S	S	S	S	S
1997	76,000	69,000	S	S	68,700	56,000	S	S	S	S	S	S
Social sciences												
1993	47,000	45,000	53,000	52,000	47,300	43,800	84,000	S	46,300	44,900	S	S
1995	51,000	49,700	70,000	52,000	47,000	45,000	60,000	S	42,000	42,000	S	S
1997	55,000	50,000	83,000	73,000	54,000	50,000	10,000	S	48,000	48,000	S	S
Economics												
1993	50,000	42,700	S	S	65,000	48,500	S	S	S	S	S	S
1995	60,000	46,000	S	S	65,000	S	S	S	S	S	S	S
1997	66,000	48,500	S	S	80,000	S	S	S	S	S	S	S
Political/related sciences												
1993	52,000	50,000	S	S	S	S	S	S	S	S	S	S
1995	60,000	54,000	S	S	42,000	40,000	S	S	S	S	S	S
1997	65,000	62,000	S	S	52,000	S	S	S	S	S	S	S
Sociology												
1993	43,500	44,000	S	S	41,500	S	S	S	S	S	S	S
1995	50,000	50,000	S	S	45,000	44,000	S	S	S	S	S	S
1997	50,000	50,000	S	S	47,000	44,000	S	S	S	S	S	S
Other social sciences												
1993	45,000	43,000	S	S	42,000	41,000	S	S	42,200	S	S	S
1995	45,000	45,000	S	S	45,000	45,000	S	S	42,000	S	S	S
1997	50,000	50,000	S	S	50,000	50,000	S	S	48,000	44,000	S	S
Psychology												
1993	51,000	46,500	56,000	53,500	49,200	46,800	60,000	46,000	55,000	S	S	S
1995	55,000	47,000	65,000	54,900	51,000	42,800	62,000	58,000	50,000	S	S	S
1997	55,000	48,000	70,000	62,000	50,000	47,000	60,000	60,500	52,000	S	S	S

See explanatory information and SOURCE at the end of table.

Table S13. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Field and year	Black				Hispanic				Alaskan Native/American Indian			
	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Engineering												
1993	$60,400	$51,000	$73,000	S	$60,300	$50,000	$66,000	S	S	S	S	S
1995	65,900	64,000	70,000	S	62,900	53,300	71,000	S	S	S	S	S
1997	68,600	60,000	73,500	S	70,000	58,900	75,000	S	S	S	S	S
Aerospace/aeronautical												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Chemical												
1993	S	S	S	S	58,500	S	S	S	S	S	S	S
1995	S	S	S	S	60,000	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Civil												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	50,000	S	S	S	S	S	S	S
1997	52,000	S	S	S	S	S	S	S	S	S	S	S
Electrical/computer												
1993	66,000	S	S	S	63,400	S	S	S	S	S	S	S
1995	68,000	S	S	S	65,000	52,000	75,000	S	S	S	S	S
1997	72,000	S	73,500	S	70,000	58,000	90,000	S	S	S	S	S
Materials/metallurgical												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Mechanical												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Other engineering												
1993	68,000	S	S	S	65,000	S	S	S	S	S	S	S
1995	90,000	S	S	S	70,000	S	72,000	S	S	S	S	S
1997	64,000	S	S	S	68,000	S	72,000	S	S	S	S	S

NOTE: Numbers are rounded to nearest hundred.

'Other' race included with 'white'.

1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S14. Median salary of employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995 and 1997

Field and year	Total	5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
Total							
1993	$60,000	$42,000	$50,000	$60,000	$65,000	$70,000	$72,800
1995	60,200	41,000	53,000	60,900	67,800	72,000	75,000
1997	65,000	46,900	59,000	67,300	73,700	76,000	80,000
Sciences							
1993	56,000	38,600	48,000	56,000	62,300	65,500	70,300
1995	60,000	38,000	50,000	60,000	65,000	69,900	73,000
1997	62,000	42,000	55,000	65,000	70,100	75,000	78,000
Computer/math sciences							
1993	57,600	45,000	51,000	56,000	60,000	65,000	64,000
1995	60,000	47,000	53,400	60,000	63,500	68,700	68,000
1997	65,000	53,000	60,000	67,000	65,000	75,000	75,000
Computer/information sciences							
1993	60,200	55,000	62,000	78,000	S	S	S
1995	65,000	56,000	65,000	78,300	78,000	S	S
1997	72,000	65,000	76,800	90,000	84,000	S	S
Mathematical sciences							
1993	56,000	37,000	42,000	52,000	60,000	65,000	64,000
1995	60,000	36,500	45,000	52,200	60,000	68,700	68,000
1997	63,000	40,000	50,000	59,000	62,000	75,000	75,000
Biological/agricultural sciences							
1993	54,100	31,200	45,000	55,000	63,000	65,000	71,000
1995	57,000	31,000	47,000	57,000	65,000	67,900	74,500
1997	60,000	33,200	53,000	64,000	72,000	72,000	77,400
Agricultural/food sciences							
1993	53,000	40,000	47,500	53,000	60,000	60,000	70,000
1995	55,000	38,600	48,000	55,000	60,000	62,000	70,000
1997	60,000	41,000	53,000	62,000	65,000	70,000	75,000
Biological sciences							
1993	55,000	30,000	45,000	55,000	65,000	65,000	72,000
1995	57,500	30,000	47,000	58,000	67,000	69,500	75,000
1997	60,000	32,200	53,000	65,000	74,000	72,000	79,000
Environmental life sciences							
1993	57,300	42,000	44,000	59,000	59,500	68,000	69,800
1995	55,900	48,500	47,800	57,000	60,000	59,000	75,000
1997	60,000	42,000	49,500	60,000	70,000	72,300	70,000
Health sciences							
1993	56,000	47,500	52,000	60,000	62,400	73,500	89,900
1995	58,000	47,000	53,100	62,000	70,000	75,000	83,000
1997	60,000	50,000	59,000	69,000	75,000	78,000	90,500

See explanatory information and SOURCE at the end of table.

Table S14. Median salary of employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995 and 1997

Field and year	Total	5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
Physical/related sciences							
1993	$64,000	$41,000	$54,100	$65,000	$70,000	$73,000	$75,000
1995	66,000	40,000	55,000	66,000	74,000	76,000	78,000
1997	70,000	48,000	60,000	73,000	80,000	82,000	80,700
Chemistry, except biochem							
1993	64,000	46,000	56,000	65,000	70,000	72,500	75,000
1995	68,000	45,000	59,000	68,200	75,000	76,200	78,000
1997	70,500	50,000	65,000	75,000	80,000	80,000	80,000
Earth/atmos/ocean sciences							
1993	58,800	40,700	46,000	60,000	64,000	70,000	73,000
1995	60,000	38,000	46,000	60,000	70,000	73,000	76,000
1997	60,000	42,000	50,000	64,000	77,000	75,800	82,000
Physics and astronomy							
1993	66,000	37,500	54,000	67,000	71,000	75,000	73,600
1995	68,000	37,200	51,000	65,000	72,100	79,000	79,000
1997	73,000	48,000	57,000	75,000	80,000	85,000	85,000
Social sciences							
1993	52,000	38,700	43,000	50,000	58,000	60,000	66,000
1995	55,000	40,000	45,000	55,000	58,700	64,000	69,500
1997	58,000	42,000	50,000	57,000	64,000	72,000	75,000
Economics							
1993	61,500	45,000	52,000	55,000	65,800	75,000	73,700
1995	65,000	48,000	54,800	62,000	65,000	72,000	75,000
1997	69,000	53,000	55,000	67,000	72,000	80,000	83,200
Political/related sciences							
1993	52,000	36,000	40,500	47,000	62,300	60,000	66,400
1995	55,000	37,000	41,080	50,000	59,000	65,000	67,000
1997	58,000	40,000	47,000	53,000	63,000	73,000	75,000
Sociology							
1993	50,000	36,000	40,000	46,100	52,000	58,000	61,000
1995	50,600	36,000	41,000	50,000	53,300	57,000	65,000
1997	53,300	36,900	45,000	50,000	57,500	63,000	66,000
Other social sciences							
1993	48,000	37,900	40,000	49,200	50,000	57,000	61,000
1995	50,000	38,000	43,000	51,000	53,000	60,000	64,000
1997	52,000	39,000	49,000	55,000	57,500	68,500	66,000
Psychology							
1993	51,500	40,300	47,000	52,000	55,200	60,500	63,000
1995	56,000	40,000	50,000	57,000	62,000	62,000	65,000
1997	60,000	43,000	55,000	62,000	68,000	69,500	70,000

See explanatory information and SOURCE at the end of table.

Table S14. Median salary of employed doctoral scientists and engineers by field of doctorate and years since doctorate: 1993, 1995 and 1997

Field and year	Total	5 years or less	6-10 years	11-15 years	16-20 years	21-25 years	More than 25 years
Engineering							
1993	$69,000	$53,600	$60,000	$72,000	$75,000	$81,500	$85,000
1995	70,000	55,000	64,000	72,000	80,000	85,000	89,000
1997	75,000	62,000	70,000	80,000	87,000	90,000	93,200
Aerospace/aeronautical							
1993	68,900	52,800	60,000	60,000	70,000	85,000	88,000
1995	72,000	49,000	62,000	60,000	80,000	80,000	100,000
1997	75,000	58,000	65,000	81,000	96,000	80,600	88,000
Chemical							
1993	72,000	58,000	63,000	74,400	81,000	83,000	89,500
1995	73,000	60,000	66,000	73,000	85,000	89,000	90,000
1997	79,000	64,000	73,500	82,300	92,500	96,800	92,000
Civil							
1993	63,500	46,000	56,700	68,000	70,000	75,000	75,000
1995	65,000	49,800	56,000	66,000	78,000	78,900	86,000
1997	69,000	50,600	67,000	70,000	86,000	80,000	87,700
Electrical/computer							
1993	72,000	58,000	65,000	75,000	80,000	85,000	84,000
1995	75,000	60,000	68,940	78,000	82,000	91,000	90,000
1997	80,000	70,000	79,000	82,800	83,200	90,800	97,000
Materials/metallurgical							
1993	65,000	50,000	60,164	72,000	72,000	79,700	86,000
1995	69,000	52,000	66,000	73,000	77,500	80,000	75,200
1997	75,000	60,000	70,000	80,000	89,900	88,000	99,000
Mechanical							
1993	66,500	50,900	59,000	71,000	72,000	85,000	80,000
1995	67,000	54,000	60,000	70,000	70,000	81,700	90,000
1997	73,000	60,000	69,000	75,000	80,000	85,000	98,000
Other engineering							
1993	66,600	50,000	57,500	69,400	72,800	78,000	86,000
1995	68,000	50,000	60,000	67,000	78,800	82,300	80,000
1997	75,000	57,800	67,000	77,000	85,000	89,000	86,000

NOTE: Numbers are rounded to nearest hundred.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S15. Median salary of employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, 1997

Field and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Total									
1993	$60,000	$44,700	$50,000	$57,400	$63,000	$67,000	$68,500	$66,400	$68,000
1995	60,200	43,600	52,000	60,000	65,000	70,000	70,000	70,000	65,900
1997	65,000	47,000	57,000	63,000	70,000	74,000	75,000	75,000	71,000
Sciences									
1993	56,000	40,000	48,000	55,000	60,000	64,000	65,000	65,000	67,000
1995	60,000	38,600	50,000	57,000	63,000	67,500	68,000	66,000	65,000
1997	62,000	40,500	53,000	60,000	67,800	70,000	73,000	70,300	70,000
Computer/math sciences									
1993	57,600	48,000	50,000	57,300	61,000	62,000	60,500	60,000	70,200
1995	60,000	45,000	56,000	59,800	65,000	67,000	65,000	62,800	75,000
1997	65,000	55,000	60,000	60,000	72,000	73,000	74,000	65,000	81,000
Computer/information sciences									
1993	60,200	58,000	60,000	68,000	60,500	S	S	S	S
1995	65,000	58,200	65,000	65,000	68,000	58,000	S	S	S
1997	72,000	69,000	76,000	71,000	76,800	75,000	S	S	S
Mathematical sciences									
1993	56,000	39,000	42,000	53,000	61,000	62,400	60,000	60,000	70,200
1995	60,000	40,000	45,000	50,000	63,800	67,000	65,000	62,800	75,000
1997	63,000	42,000	50,000	52,000	68,000	73,000	74,000	65,000	81,000
Biological/agricultural sciences									
1993	54,100	32,000	45,000	54,000	60,000	64,000	65,000	67,000	67,000
1995	57,000	31,000	45,000	56,000	61,800	67,000	70,000	69,300	67,000
1997	60,000	32,000	50,000	60,000	65,885	71,000	72,000	70,000	72,000
Agricultural/food sciences									
1993	53,000	42,500	47,000	50,000	54,900	60,000	61,000	62,000	70,000
1995	55,000	47,000	49,000	52,100	58,400	60,000	61,000	65,900	76,500
1997	60,000	46,000	53,000	58,000	63,000	68,500	70,000	70,000	60,000
Biological sciences									
1993	55,000	30,000	45,000	54,000	61,400	65,000	66,504	67,000	67,000
1995	57,500	30,000	45,000	57,466	62,800	69,000	70,000	70,000	65,900
1997	60,000	32,000	49,000	60,000	68,000	72,000	74,000	70,000	75,000
Environmental life sciences									
1993	57,300	S	42,000	56,500	58,700	62,000	64,000	75,000	S
1995	55,900	S	45,000	55,000	55,000	65,900	64,500	68,900	S
1997	60,000	S	40,000	56,000	61,000	75,000	65,000	S	S
Health sciences									
1993	56,000	47,000	49,000	55,500	57,000	60,500	62,000	67,600	67,000
1995	58,000	47,000	50,000	55,400	60,000	62,100	65,000	74,100	63,600
1997	60,000	48,000	53,000	58,000	67,000	64,000	66,000	65,000	72,000

See explanatory information and SOURCE at the end of table.

Table S15. Median salary of employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, 1997

Field and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Physical/related sciences									
1993	$64,000	$45,000	$55,000	$64,600	$70,200	$72,000	$72,200	$72,000	$70,000
1995	66,000	43,000	55,000	65,600	72,500	80,000	75,000	75,000	65,000
1997	70,000	48,000	60,000	72,000	78,000	82,000	80,000	80,000	71,000
Chemistry, except biochem									
1993	64,000	49,400	58,000	67,600	71,000	72,000	72,000	72,000	69,800
1995	68,000	49,000	60,000	69,900	75,000	79,800	75,000	75,000	62,000
1997	70,500	50,000	64,600	76,000	80,000	82,000	75,000	78,400	67,000
Earth/atmos/ocean sciences									
1993	58,800	38,000	47,000	58,200	62,300	70,400	72,000	60,000	68,000
1995	60,000	38,000	44,700	52,000	65,000	74,900	72,000	72,000	74,000
1997	60,000	44,000	45,000	55,000	65,800	76,000	72,500	75,000	80,000
Physics and astronomy									
1993	66,000	41,000	53,100	64,000	73,300	73,000	75,000	72,000	72,000
1995	68,000	39,000	53,500	64,000	73,000	80,000	76,000	78,000	72,000
1997	73,000	47,000	60,000	70,000	79,000	86,000	85,000	80,000	72,000
Social sciences									
1993	52,000	41,000	43,000	47,500	54,000	59,000	60,000	60,000	61,000
1995	55,000	42,000	45,000	49,200	57,000	60,000	62,000	61,000	65,000
1997	58,000	41,200	48,000	52,000	60,000	65,000	66,000	70,100	70,000
Economics									
1993	61,500	47,000	53,000	53,500	66,600	70,000	67,000	65,000	65,000
1995	65,000	50,000	59,000	60,000	63,000	70,300	76,400	68,600	66,000
1997	69,000	52,500	59,000	62,100	68,000	76,000	78,000	80,000	78,000
Political/related sciences									
1993	52,000	34,000	38,000	44,000	55,000	58,000	60,000	60,000	60,000
1995	55,000	35,000	41,000	44,000	60,000	64,000	63,000	61,000	66,900
1997	58,000	36,500	40,000	51,500	65,000	60,000	75,000	75,000	70,000
Sociology									
1993	50,000	35,000	39,500	44,000	50,000	54,000	54,000	49,000	60,000
1995	50,600	37,000	37,500	46,500	52,000	54,000	59,000	55,000	60,000
1997	53,300	41,000	37,725	47,500	54,000	58,000	62,000	65,000	60,000
Other social sciences									
1993	48,000	37,500	39,000	43,500	48,000	52,000	52,000	60,000	60,000
1995	50,000	40,000	40,000	45,300	52,000	56,000	50,000	60,000	57,000
1997	52,000	38,000	43,000	46,000	54,000	60,000	56,000	57,500	65,000
Psychology									
1993	51,500	40,000	46,000	51,960	54,400	55,800	58,530	57,000	63,000
1995	56,000	38,000	48,000	55,000	60,000	60,000	60,000	58,700	60,000
1997	60,000	40,000	50,000	60,000	65,000	65,000	68,600	60,000	63,000

See explanatory information and SOURCE at the end of table.

Table S15. Median salary of employed doctoral scientists and engineers by field of doctorate and age: 1993, 1995, 1997

Field and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Engineering									
1993	$69,000	$55,100	$60,000	$70,000	$75,000	$80,500	$80,000	$77,000	$78,000
1995	70,000	58,000	62,000	69,000	80,000	84,000	85,000	83,600	75,000
1997	75,000	63,000	69,000	75,000	84,000	88,000	94,000	87,000	78,200
Aerospace/aeronautical									
1993	68,900	54,000	54,000	62,000	66,500	85,000	86,300	S	S
1995	72,000	50,000	60,000	63,700	80,000	82,000	108,500	89,000	S
1997	75,000	55,900	60,092	75,000	91,500	85,000	83,000	96,000	S
Chemical									
1993	72,000	59,700	63,540	75,000	81,000	85,000	89,000	99,000	69,000
1995	73,000	62,400	68,000	72,000	88,900	90,000	80,000	95,000	75,000
1997	79,000	65,000	75,000	80,000	95,000	90,000	100,000	89,500	84,000
Civil									
1993	63,500	48,000	54,000	60,000	70,000	70,600	75,900	68,000	S
1995	65,000	49,500	55,000	60,000	66,000	79,000	95,000	80,200	72,000
1997	69,000	50,000	55,000	65,000	75,000	83,000	80,000	86,000	75,900
Electrical/computer									
1993	72,000	60,000	63,000	75,000	79,600	85,000	80,000	77,000	80,000
1995	75,000	63,000	68,000	75,000	83,000	90,000	87,500	90,000	80,000
1997	80,000	70,000	75,400	80,000	85,000	90,000	100,000	86,700	83,000
Materials/metallurgical									
1993	65,000	54,000	60,000	69,700	74,400	75,000	73,600	72,000	S
1995	69,000	57,300	65,000	68,000	80,000	80,000	75,200	76,000	S
1997	75,000	63,000	67,500	72,900	92,000	97,500	92,000	98,000	S
Mechanical									
1993	66,500	52,000	55,800	65,000	74,800	85,000	80,000	74,000	S
1995	67,000	57,000	59,000	62,000	70,000	95,000	85,000	94,000	78,000
1997	73,000	60,000	65,000	70,000	76,000	81,500	90,000	97,000	S
Other engineering									
1993	66,600	50,400	55,000	65,000	72,000	80,000	77,000	77,000	65,000
1995	68,000	54,000	55,400	68,000	78,000	80,000	78,000	75,000	80,000
1997	75,000	56,000	63,000	73,940	80,000	86,000	91,000	80,000	70,000

NOTE: Numbers are rounded to nearest hundred.
Details may not add to total because of rounding.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S16. Median salary of employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total	Research & development					Teaching	Management sales and administration	Computer application	Professional services	Other Activity
		Total	Applied research	Basic research	Design	Develop-ment					
Total											
1993	$60,000	$60,000	$60,000	$51,500	$66,600	$69,000	$50,000	$69,500	$60,000	$55,000	$56,400
1995	60,200	61,000	63,000	53,000	70,000	72,000	52,000	71,600	61,000	60,000	60,000
1997	65,000	65,600	68,000	56,000	75,000	75,000	55,000	75,000	66,000	65,000	61,000
Sciences											
1993	56,000	56,500	60,000	50,000	65,000	67,000	49,500	65,500	57,900	54,200	52,500
1995	60,000	60,000	61,500	52,000	69,000	70,000	50,100	70,000	60,000	60,000	58,000
1997	62,000	63,000	65,000	55,000	72,000	75,000	54,000	72,000	62,000	64,000	60,000
Computer/math sciences											
1993	57,600	58,000	64,000	51,600	72,000	72,000	49,300	70,000	65,000	64,000	60,000
1995	60,000	62,000	67,000	54,500	70,000	72,000	51,000	77,500	67,000	69,000	56,000
1997	65,000	68,000	75,000	59,000	80,000	85,000	54,000	85,000	72,800	80,000	60,000
Computer/information sciences											
1993	60,200	62,000	64,200	55,800	72,800	72,000	51,000	70,000	69,000	S	S
1995	65,000	65,000	70,000	60,000	68,000	71,600	51,500	78,000	70,000	S	65,000
1997	72,000	72,000	72,500	62,000	80,000	88,000	55,000	89,000	80,000	S	72,000
Mathematical sciences											
1993	56,000	57,000	64,000	50,000	71,400	72,000	48,000	70,000	64,500	64,000	60,000
1995	60,000	60,000	67,000	53,000	72,000	73,000	50,200	77,000	65,000	69,000	55,000
1997	63,000	65,000	75,000	57,500	75,000	82,500	53,000	85,000	67,800	80,000	56,800
Biological/agricultural sciences											
1993	54,100	53,500	55,000	50,000	55,000	63,000	50,000	65,000	49,000	64,000	50,000
1995	57,000	56,000	58,500	51,000	58,000	67,100	52,000	66,000	50,000	65,000	55,000
1997	60,000	60,000	60,000	54,000	60,000	70,000	55,000	70,000	52,000	72,000	55,000
Agricultural/food sciences											
1993	53,000	52,000	52,000	48,500	55,000	S	49,200	60,000	49,500	53,000	50,000
1995	55,000	55,000	55,000	50,000	58,000	60,000	51,000	60,000	53,000	52,500	51,500
1997	60,000	60,000	59,800	59,000	65,000	65,000	55,000	69,000	58,000	56,000	60,000
Biological sciences											
1993	55,000	54,000	56,000	50,000	54,000	65,000	50,000	65,000	48,500	66,000	49,400
1995	57,500	56,000	60,000	51,000	58,700	70,000	52,000	68,000	46,000	70,000	56,500
1997	60,000	59,600	61,000	53,000	60,000	75,400	55,000	70,000	50,000	76,000	54,100
Environmental life sciences											
1993	57,300	56,500	58,000	49,000	S	61,000	50,000	62,000	50,000	S	50,000
1995	55,900	55,000	55,000	55,000	S	65,000	51,000	62,400	57,500	55,000	55,000
1997	60,000	60,000	60,000	53,000	S	68,500	56,000	70,000	53,000	60,000	52,000
Health sciences											
1993	56,000	56,600	56,600	53,500	69,600	69,000	48,500	62,000	50,000	55,000	54,000
1995	58,000	58,000	58,000	54,000	75,000	70,000	50,000	66,600	50,000	60,000	66,000
1997	60,000	61,000	61,000	55,500	72,000	72,000	53,000	70,000	56,200	63,000	62,000

See explanatory information and SOURCE at the end of table.

Table S16. Median salary of employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total	Research & development					Teaching	Management sales and administration	Computer application	Professional services	Other Activity
		Total	Applied research	Basic research	Design	Develop-ment					
Physical/related sciences											
1993	$64,000	$63,000	$66,000	$55,000	$66,600	$70,000	$50,000	$74,000	$60,000	$65,000	$64,000
1995	66,000	66,000	68,400	55,100	70,000	72,500	52,000	77,800	61,000	72,000	65,000
1997	70,000	70,000	72,000	60,000	73,000	75,300	54,000	80,000	65,000	75,000	70,000
Chemistry, except biochem											
1993	64,000	63,000	65,000	55,000	65,000	68,000	48,400	73,000	58,300	67,600	66,000
1995	68,000	68,000	69,000	56,000	69,000	72,100	50,000	76,000	61,000	75,000	65,000
1997	70,500	71,100	72,000	60,000	75,000	75,000	52,000	80,000	63,400	75,000	70,000
Earth/atmos/ocean sciences											
1993	58,800	58,000	60,000	51,700	60,000	70,000	50,000	68,000	52,100	50,200	52,000
1995	60,000	59,800	62,000	52,000	58,600	70,000	51,000	71,000	58,000	56,000	51,400
1997	60,000	60,000	65,000	55,100	64,000	80,000	51,100	72,000	59,800	65,000	65,000
Physics and astronomy											
1993	66,000	66,000	70,000	55,000	68,400	74,000	55,000	78,000	63,000	71,000	66,300
1995	68,000	67,000	70,000	56,000	70,000	73,700	53,000	82,000	63,000	73,000	73,000
1997	73,000	72,000	76,900	63,000	73,000	76,900	60,000	90,000	70,000	83,000	70,000
Social sciences											
1993	52,000	51,000	55,000	48,000	60,000	58,000	48,000	62,400	51,000	58,200	51,000
1995	55,000	54,000	58,000	50,000	70,000	58,000	50,000	68,000	53,000	58,000	57,000
1997	58,000	57,000	62,000	52,000	70,000	60,100	52,000	69,500	60,000	72,000	55,000
Economics											
1993	61,500	60,000	60,000	60,000	75,000	65,000	52,000	80,000	54,000	90,000	72,000
1995	65,000	62,000	64,000	57,000	75,000	65,000	57,000	85,000	60,000	75,000	80,000
1997	69,000	67,500	69,200	61,500	70,000	75,000	60,000	84,000	65,000	82,000	65,000
Political/related sciences											
1993	52,000	50,000	56,000	46,000	S	60,000	46,600	65,000	57,600	62,000	56,600
1995	55,000	50,000	52,000	48,000	60,000	60,000	48,000	70,600	47,500	50,000	60,000
1997	58,000	52,000	55,000	49,000	S	72,000	50,000	70,000	82,500	85,000	68,000
Sociology											
1993	50,000	48,000	50,000	47,500	S	45,000	45,100	60,000	50,000	48,500	43,000
1995	50,600	50,000	55,000	49,100	40,000	42,000	47,500	61,000	42,000	60,000	50,000
1997	53,300	52,000	54,800	50,800	S	53,000	50,000	65,000	58,000	52,000	52,000
Other social sciences											
1993	48,000	49,200	50,000	45,000	55,000	58,000	46,000	50,000	49,100	48,000	43,200
1995	50,000	50,000	53,000	45,300	68,200	56,100	46,000	60,000	50,000	50,000	48,000
1997	52,000	52,000	56,000	48,000	70,000	55,000	50,000	58,000	51,300	58,000	48,000
Psychology											
1993	51,500	52,000	52,400	49,000	62,000	60,000	48,000	55,600	57,800	50,000	50,000
1995	56,000	55,000	55,000	50,000	70,000	60,000	49,800	60,000	60,000	57,000	50,000
1997	60,000	59,600	60,000	52,000	70,000	70,000	52,000	62,000	60,000	60,000	55,200

See explanatory information and SOURCE at the end of table.

Table S16. Median salary of employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997

Field and year	Total	Research & development					Teaching	Management sales and administration	Computer application	Professional services	Other Activity
		Total	Applied research	Basic research	Design	Develop-ment					
Engineering											
1993	$69,000	$66,400	$65,000	$62,000	$69,000	$72,000	$60,000	$84,000	$64,000	$75,000	$65,500
1995	70,000	69,000	67,000	62,000	71,100	72,000	60,000	84,500	65,000	75,000	70,000
1997	75,000	75,000	72,000	70,000	75,000	78,000	65,800	88,000	72,000	80,000	75,000
Aerospace/aeronautical											
1993	68,900	65,000	61,200	64,500	64,800	74,000	62,000	90,000	60,000	S	S
1995	72,000	69,000	67,000	67,700	69,000	75,900	70,000	85,000	63,700	S	67,400
1997	75,000	71,000	70,000	73,000	68,700	80,000	70,000	96,100	70,000	S	72,000
Chemical											
1993	72,000	69,000	66,000	61,900	68,600	72,000	60,000	85,000	66,000	100,000	65,000
1995	73,000	72,000	70,000	68,000	70,200	75,000	60,000	87,000	70,000	72,800	74,900
1997	79,000	77,000	75,000	65,000	78,000	79,400	64,000	92,500	75,000	80,000	85,000
Civil											
1993	63,500	62,000	61,000	56,000	63,600	70,000	57,800	75,000	57,000	70,000	69,000
1995	65,000	62,000	60,000	59,000	68,000	77,500	60,000	84,000	60,000	60,000	72,000
1997	69,000	65,900	63,000	65,000	70,000	80,000	60,000	89,000	68,000	71,000	60,000
Electrical/computer											
1993	72,000	70,200	70,000	65,000	74,800	75,000	60,000	88,100	68,500	82,000	72,000
1995	75,000	71,000	70,000	67,000	75,000	72,400	60,000	90,000	70,000	80,000	80,300
1997	80,000	77,000	75,000	75,000	80,000	80,000	70,000	95,000	75,000	70,000	86,000
Materials/metallurgical											
1993	65,000	64,500	63,000	59,100	65,000	64,800	60,000	78,800	56,400	S	73,600
1995	69,000	67,000	65,000	58,000	70,000	70,000	60,000	77,500	65,000	62,000	60,000
1997	75,000	73,000	71,000	60,000	75,000	72,000	66,500	85,000	72,000	S	75,000
Mechanical											
1993	66,500	64,200	62,300	56,000	63,900	70,000	58,000	85,000	65,000	S	65,000
1995	67,000	66,300	63,500	56,000	70,000	70,000	55,000	82,000	63,000	60,800	55,000
1997	73,000	71,000	70,000	62,000	72,700	75,000	65,000	85,000	69,500	80,000	70,000
Other engineering											
1993	66,600	65,000	64,700	62,000	65,000	72,000	60,000	79,000	62,000	75,000	58,800
1995	68,000	68,000	66,200	62,000	70,000	71,000	61,900	79,200	65,000	80,000	67,000
1997	75,000	73,000	72,000	72,000	75,000	80,000	65,000	80,000	71,000	83,000	75,000

NOTE: Numbers are rounded to nearest hundred.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S17. Median salary of employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Total													
1993	$60,000	$61,000	$62,000	$60,000	$52,000	$56,000	$55,000	$48,000	$48,000	$48,000	$47,500	$44,000	$45,000
1995	60,200	65,000	65,000	61,000	57,000	58,000	54,000	50,000	50,000	48,000	51,000	42,000	49,000
1997	65,000	70,000	70,000	67,000	62,000	65,000	58,000	53,000	53,000	51,000	52,000	47,000	50,000
Scientists													
1993	52,200	55,000	55,400	51,600	49,200	51,000	46,300	45,000	45,000	44,600	44,900	40,800	S
1995	55,000	59,000	60,000	53,000	51,000	52,000	50,000	47,000	48,000	45,000	46,200	40,000	48,000
1997	60,000	63,000	64,000	60,000	57,000	59,000	52,000	50,000	50,000	50,000	48,500	45,000	50,000
Computer/mathematical scientists													
1993	57,200	58,000	60,000	57,000	51,000	50,000	S	49,600	49,600	50,000	S	S	S
1995	60,000	60,000	61,000	60,000	55,000	49,900	S	51,000	52,000	54,500	S	S	S
1997	66,000	68,000	69,000	65,000	69,000	66,000	S	56,800	56,000	60,000	S	S	S
Computer/information scientists													
1993	68,000	68,000	69,000	66,200	S	S	S	64,300	64,000	66,000	S	S	S
1995	69,000	70,000	70,000	66,000	S	65,000	S	61,000	61,000	63,000	S	S	S
1997	75,000	76,000	78,000	75,000	S	80,000	S	70,000	71,000	70,000	S	S	S
Mathematical scientists													
1993	65,000	65,000	66,000	57,000	S	S	S	56,000	60,000	S	S	S	S
1995	66,000	67,500	69,500	65,000	S	S	S	55,000	61,000	S	S	S	S
1997	71,000	75,000	75,000	65,000	S	S	S	63,000	60,000	65,000	S	S	S
Postsecondary teachers, computer & mathematical sciences													
1993	50,000	50,000	51,000	47,000	51,000	49,300	S	45,000	45,800	43,000	S	S	S
1995	51,000	52,000	54,000	48,000	52,000	46,200	S	45,000	46,500	42,100	S	S	S
1997	55,000	56,000	58,000	50,000	58,000	55,000	S	48,000	50,000	45,000	S	S	S
Life and related scientists													
1993	50,400	53,000	54,000	50,000	48,400	50,000	S	43,000	44,000	40,000	44,000	36,000	S
1995	53,300	56,000	58,000	46,000	47,000	52,000	S	44,000	45,000	35,000	43,100	37,600	S
1997	57,000	60,000	61,000	50,000	54,000	56,000	S	47,500	49,170	37,000	50,000	42,000	S
Agricultural/food scientists													
1993	52,000	54,000	54,500	51,000	S	S	S	45,000	45,000	S	S	S	S
1995	54,000	56,000	58,000	53,200	S	S	S	45,000	45,000	S	S	S	S
1997	60,500	62,000	63,000	58,500	S	S	S	50,000	50,000	S	S	S	S
Biological scientists													
1993	50,000	54,000	55,000	47,000	55,000	51,000	S	42,000	43,000	39,000	42,000	35,000	S
1995	53,000	57,000	60,000	41,000	36,000	53,000	S	41,500	45,000	33,000	S	35,000	S
1997	56,000	60,000	63,000	40,000	47,000	59,000	S	45,500	49,500	35,000	48,000	35,000	S

See explanatory information and SOURCE at the end of table.

Table S17. Median salary of employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Forestry & conservation scientists													
1993	$52,500	$53,000	$53,000	S	S	S	S	S	S	S	S	S	S
1995	59,000	64,000	64,000	S	S	S	S	S	S	S	S	S	S
1997	59,000	59,000	59,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers, life & related sciences													
1993	50,000	52,000	52,500	55,000	46,000	45,000	S	44,700	45,000	45,000	S	S	S
1995	53,800	55,000	55,500	52,000	47,000	45,000	S	46,000	47,000	42,000	42,000	S	S
1997	56,000	60,000	60,000	60,000	56,000	52,000	S	49,000	49,000	50,000	S	S	S
Physical and related scientists													
1993	58,300	60,000	60,000	54,000	50,000	56,000	S	50,400	51,000	50,000	S	S	S
1995	60,000	61,000	62,000	54,000	53,300	56,000	S	52,000	52,000	52,800	S	39,400	S
1997	65,000	67,100	70,000	60,000	62,500	60,000	S	55,000	54,300	60,000	S	41,000	S
Chemists except biochemists													
1993	61,500	63,000	65,000	57,000	56,000	57,000	S	55,000	55,600	52,000	S	S	S
1995	65,000	67,000	69,000	60,000	62,500	55,000	S	60,000	61,500	56,000	S	S	S
1997	71,000	72,000	75,000	65,000	64,800	60,000	S	65,000	68,000	62,000	S	S	S
Earth/atmos/ocean scientists													
1993	60,200	61,700	62,300	46,000	S	S	S	53,000	55,000	S	S	S	S
1995	65,000	65,000	65,000	47,500	S	S	S	62,700	64,500	S	S	S	S
1997	68,000	70,000	71,600	58,000	S	S	S	50,000	52,000	S	S	S	S
Physicists & astronomers													
1993	65,000	65,000	67,000	50,000	S	64,800	S	58,860	61,000	S	S	S	S
1995	64,400	65,000	68,700	41,000	S	S	S	51,000	46,300	55,000	S	S	S
1997	74,000	75,000	75,300	62,000	S	S	S	58,000	45,000	67,000	S	S	S
Other physical scientists													
1993	66,000	66,600	67,000	66,000	S	S	S	S	S	S	S	S	S
1995	65,000	65,000	65,000	S	S	S	S	61,000	S	S	S	S	S
1997	75,000	77,000	75,000	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers, physical & related sciences													
1993	50,000	50,000	51,000	48,000	42,000	50,000	S	38,400	38,400	40,000	S	S	S
1995	50,000	51,000	52,000	50,000	41,000	52,000	S	40,000	40,000	43,000	S	S	S
1997	53,600	55,000	55,000	52,000	50,000	54,000	S	42,000	42,000	44,300	S	S	S
Social scientists, total													
1993	50,000	51,000	52,000	45,000	45,000	48,500	44,900	44,000	44,300	44,000	43,100	39,000	S
1995	52,000	55,000	55,500	50,900	49,000	48,000	43,700	47,000	47,500	48,000	46,200	40,000	S
1997	55,000	56,000	56,500	54,000	50,000	56,000	S	50,000	50,000	48,000	48,000	45,000	S
Economists													
1993	70,000	71,000	72,000	65,000	S	S	S	60,700	61,000	S	S	S	S
1995	75,000	75,000	75,000	70,000	S	S	S	72,000	75,000	60,000	S	S	S
1997	75,000	75,000	80,000	55,000	S	S	S	77,000	80,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S17. Median salary of employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Political/related scientists													
1993	$60,000	$60,000	$60,000	S	S	S	S	S	S	S	S	S	S
1995	60,000	60,000	75,000	S	S	S	S	63,200	63,200	S	S	S	S
1997	75,000	75,000	85,000	S	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists													
1993	52,200	55,000	56,000	S	S	S	S	48,000	50,000	S	S	S	S
1995	52,000	55,000	55,000	S	S	S	S	52,000	52,000	S	S	S	S
1997	52,100	52,000	53,000	S	S	S	S	55,000	56,000	S	S	S	S
S&T historians & other social scientists													
1993	45,000	47,300	47,300	S	S	S	S	43,000	42,000	S	S	S	S
1995	53,000	59,800	61,000	S	S	S	S	45,000	45,000	S	S	S	S
1997	54,000	56,000	55,000	S	S	S	S	51,000	52,400	S	S	S	S
Postsecondary teachers, social & related sciences													
1993	47,500	50,000	50,000	42,000	44,600	45,000	46,300	42,000	42,500	37,900	42,000	S	S
1995	50,000	52,000	53,000	50,000	46,800	46,600	S	43,400	44,000	39,000	45,000	40,000	S
1997	52,000	54,500	55,000	51,000	50,000	52,000	S	45,500	47,000	42,600	44,800	44,000	S
Psychologists, total													
1993	48,000	50,000	50,000	41,700	49,500	48,000	S	44,000	43,750	44,000	46,800	46,800	S
1995	54,000	59,000	59,000	49,600	59,000	56,000	S	48,000	48,000	45,000	52,000	44,000	S
1997	56,000	61,000	62,000	44,000	53,000	52,000	S	50,000	50,000	50,000	50,000	46,000	S
Psychologists													
1993	50,000	52,000	52,000	S	50,000	46,900	S	46,000	45,000	S	52,200	S	S
1995	58,000	60,800	62,000	54,900	60,000	56,000	S	50,000	50,000	47,500	56,000	45,000	S
1997	60,000	65,000	65,000	45,000	58,000	58,000	S	52,000	53,000	50,000	55,000	48,000	S
Postsecondary teachers, psychology													
1993	45,600	48,000	48,000	S	S	S	S	41,900	41,900	S	40,000	S	S
1995	46,000	50,000	50,000	S	S	55,000	S	42,000	42,000	S	S	S	S
1997	50,000	55,000	55,000	S	S	47,300	S	45,000	46,000	S	42,000	41,500	S
Engineers, total													
1993	64,700	65,000	65,500	62,000	60,000	59,900	S	58,000	57,200	59,500	S	S	S
1995	67,000	67,000	70,000	64,500	65,000	59,000	S	58,300	58,300	57,200	S	S	S
1997	72,600	73,400	75,000	70,000	67,000	69,000	S	63,000	62,000	65,000	S	S	S
Aerospace/aeronautical engineers													
1993	67,000	68,000	71,000	62,400	S	S	S	S	S	S	S	S	S
1995	70,000	70,000	75,000	67,700	S	S	S	S	S	S	S	S	S
1997	79,500	80,000	80,500	75,000	S	S	S	76,000	S	S	S	S	S
Chemical engineers													
1993	65,500	65,600	68,000	62,000	S	S	S	62,400	61,700	S	S	S	S
1995	70,000	70,000	72,000	68,000	S	S	S	63,000	61,700	S	S	S	S
1997	74,500	75,000	75,000	70,000	S	S	S	68,000	62,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S17. Median salary of employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Civil engineers													
1993	$60,000	$60,000	$65,000	$55,000	S	S	S	S	S	S	S	S	S
1995	60,800	60,600	67,500	58,300	S	S	S	S	S	S	S	S	S
1997	68,000	69,000	75,000	61,000	S	S	S	S	S	S	S	S	S
Electrical/related engineers													
1993	72,000	72,000	73,000	70,000	S	S	S	64,900	S	65,000	S	S	S
1995	72,000	72,000	75,000	70,000	S	S	S	64,000	S	S	S	S	S
1997	80,000	80,000	83,000	75,000	S	80,000	S	68,000	65,000	68,000	S	S	S
Industrial engineers													
1993	65,000	66,000	S	S	S	S	S	S	S	S	S	S	S
1995	65,000	66,300	76,300	S	S	S	S	S	S	S	S	S	S
1997	72,000	72,000	80,000	68,000	S	S	S	S	S	S	S	S	S
Mechanical engineers													
1993	64,000	64,200	67,000	60,000	S	S	S	S	S	S	S	S	S
1995	66,500	67,000	73,200	60,000	S	S	S	S	S	S	S	S	S
1997	74,000	74,000	75,000	70,000	S	S	S	57,000	S	S	S	S	S
Other engineers													
1993	64,000	65,000	65,200	62,300	S	S	S	58,000	60,000	48,000	S	S	S
1995	67,000	68,000	70,000	63,000	S	66,000	S	62,000	62,000	61,000	S	S	S
1997	74,500	75,000	80,000	70,000	S	71,000	S	62,500	62,500	60,000	S	S	S
Postsecondary teachers, engineering													
1993	60,000	60,000	61,100	55,000	49,600	50,000	S	50,000	50,000	S	S	S	S
1995	60,000	60,000	62,000	58,000	61,100	53,300	S	53,000	52,600	S	S	S	S
1997	65,000	66,500	68,000	66,500	60,000	60,000	S	56,000	56,000	S	S	S	S
Non-S&E occupations													
1993	72,000	76,000	77,000	75,000	65,000	75,000	62,400	53,200	54,000	54,000	50,000	48,000	S
1995	73,500	79,000	80,000	75,000	62,500	72,000	55,000	55,000	55,000	52,000	56,000	50,000	S
1997	78,000	85,000	86,000	82,000	71,000	80,000	60,000	58,900	59,000	55,000	59,500	53,000	S
Managers, administrators, etc.													
1993	80,000	82,000	82,000	85,000	70,000	82,000	62,400	62,000	62,000	68,600	58,000	59,100	S
1995	84,500	87,500	88,000	90,000	72,300	83,000	S	68,300	69,600	65,000	65,000	61,500	S
1997	91,600	96,000	96,500	96,000	81,000	84,000	72,000	75,000	75,000	72,000	74,000	66,000	S
Health and related occupations													
1993	55,000	64,000	65,000	62,400	S	S	S	47,800	48,000	44,000	S	S	S
1995	65,000	77,000	80,000	54,000	S	S	S	50,000	50,000	36,000	S	S	S
1997	75,000	90,000	100,000	56,000	97,000	S	S	55,500	56,200	38,000	S	S	S
Teachers, except S&E postsecondary teachers													
1993	49,900	52,800	55,000	50,000	S	S	S	45,000	45,000	40,000	45,000	40,000	S
1995	50,000	53,900	53,900	56,000	52,000	S	S	47,000	47,000	36,700	48,000	41,700	S
1997	52,000	59,000	60,000	60,000	50,000	S	S	50,000	50,000	43,500	48,000	41,700	S

See explanatory information and SOURCE at the end of table.

Table S17. Median salary of employed doctoral scientists and engineers by occupation, sex, and race/ethnicity: 1993, 1995, and 1997

Occupation and year	Total	Male						Female					
		Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native
Social services and related occupations													
1993	$36,000	$36,000	$36,000	S	S	S	S	$32,000	$32,000	S	S	S	S
1995	36,400	36,400	38,000	S	S	S	S	38,000	38,000	S	S	S	S
1997	41,000	40,000	40,000	S	S	S	S	42,000	42,000	S	S	S	S
Technologists, etc.													
1993	60,500	61,000	62,000	60,500	S	S	S	40,200	40,000	S	S	S	S
1995	62,000	63,000	64,000	62,000	S	S	S	43,000	50,000	S	S	S	S
1997	60,000	62,000	58,000	76,000	S	S	S	44,900	S	S	S	S	S
Sales and marketing occupations													
1993	72,000	72,000	75,000	68,000	S	S	S	67,000	75,000	S	S	S	S
1995	67,000	68,000	70,000	55,000	S	S	S	60,000	58,000	S	S	S	S
1997	74,900	75,000	75,000	70,000	S	S	S	59,000	56,000	S	S	S	S
Other non-S&E occupations													
1993	52,100	52,100	54,000	52,000	S	S	S	52,000	55,600	S	S	S	S
1995	50,000	52,000	54,000	57,000	S	36,000	S	50,000	50,000	S	S	S	S
1997	52,000	52,000	51,000	78,000	S	S	S	52,000	52,000	S	S	S	S

NOTE: Numbers are rounded to nearest hundred.
'Other' race included with 'white'.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S18. Median salary of employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Total									
1993	$60,000	$61,000	$53,000	$72,000	$60,000	$48,000	$43,000	$58,600	$51,100
1995	60,200	65,000	55,000	75,000	63,000	50,000	44,000	61,000	54,900
1997	65,000	70,000	59,000	80,000	69,000	53,000	46,000	66,000	60,000
Scientists									
1993	52,200	55,000	50,000	65,700	56,000	45,000	41,100	55,000	49,500
1995	55,000	59,000	52,000	70,000	60,000	47,000	41,500	60,000	52,000
1997	60,000	63,000	55,000	75,000	65,400	50,000	44,000	63,000	56,000
Computer/mathematical scientists									
1993	57,200	58,000	50,900	70,000	60,000	49,600	45,000	68,300	51,000
1995	60,000	60,000	52,000	70,100	61,000	51,000	46,000	66,400	50,000
1997	66,000	68,000	57,000	78,200	68,000	56,800	47,500	72,000	60,000
Computer/information scientists									
1993	68,000	68,000	59,500	70,000	60,000	64,300	S	68,500	S
1995	69,000	70,000	50,000	70,000	60,000	61,000	S	65,000	S
1997	75,000	76,000	65,000	78,000	68,000	70,000	42,000	73,000	51,500
Mathematical scientists									
1993	65,000	65,000	54,000	70,000	60,000	56,000	S	65,000	S
1995	66,000	67,500	52,500	73,500	62,000	55,000	49,000	70,000	S
1997	71,000	75,000	59,000	82,000	68,900	63,000	44,000	68,000	60,000
Postsecondary teachers, computer & mathematical sciences									
1993	50,000	50,000	50,000	S	S	45,000	45,000	S	S
1995	51,000	52,000	52,000	S	S	45,000	45,000	S	S
1997	55,000	56,000	56,000	S	S	48,000	48,000	S	S
Life and related scientists									
1993	50,400	53,000	50,000	62,400	53,500	43,000	40,000	55,100	47,900
1995	53,300	56,000	53,000	65,000	56,000	44,000	40,000	60,000	51,000
1997	57,000	60,000	55,000	70,000	63,000	47,500	42,000	62,000	56,800
Agricultural/food scientists									
1993	52,000	54,000	51,000	59,500	52,000	45,000	40,000	47,000	S
1995	54,000	56,000	50,000	61,300	62,000	45,000	32,000	50,000	S
1997	60,500	62,000	60,000	67,000	62,000	50,000	44,000	65,000	56,800
Biological scientists									
1993	50,000	54,000	44,600	63,000	54,000	42,000	32,000	56,000	47,000
1995	53,000	57,000	47,000	67,000	55,000	41,500	32,000	60,000	50,000
1997	56,000	60,000	45,000	73,000	63,000	45,500	32,500	62,000	57,000
Forestry & conservation scientists									
1993	52,500	53,000	S	S	53,000	S	S	S	S
1995	59,000	64,000	S	75,000	50,000	S	S	S	S
1997	59,000	59,000	62,500	55,000	59,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S 18. Median Salary of employed doctoral Scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Postsecondary teachers, life & related sciences									
1993	$50,000	$52,000	$52,000	S	S	$44,700	$44,600	S	S
1995	53,800	55,000	55,000	S	S	46,000	46,000	S	S
1997	56,000	60,000	60,000	S	S	49,000	49,000	S	S
Physical/related scientists									
1993	58,300	60,000	50,000	67,000	62,300	50,400	38,400	58,000	53,500
1995	60,000	61,000	50,000	70,000	65,000	52,000	40,000	62,000	57,500
1997	65,000	67,100	54,000	77,000	75,000	55,000	42,000	69,000	60,600
Chemists except biochemists									
1993	61,500	63,000	37,100	65,000	56,000	55,000	28,600	57,200	50,000
1995	65,000	67,000	37,500	70,000	60,000	60,000	24,000	62,000	58,000
1997	71,000	72,000	40,000	75,000	70,000	65,000	35,800	69,000	63,400
Earth/atmos/ocean scientists									
1993	60,200	61,700	47,000	67,400	63,200	53,000	46,800	S	58,700
1995	65,000	65,000	50,000	72,000	69,500	62,700	60,000	S	S
1997	68,000	70,000	51,000	71,000	75,000	50,000	42,000	S	58,000
Physicists & astronomers									
1993	65,000	65,000	55,000	69,000	67,700	58,900	56,400	61,000	S
1995	64,400	65,000	50,000	72,000	68,700	51,000	38,800	60,000	S
1997	74,000	75,000	54,000	81,000	78,000	58,000	45,000	63,000	60,000
Other physical scientists									
1993	66,000	66,600	68,000	66,600	58,000	S	S	S	S
1995	65,000	65,000	50,000	72,000	S	61,000	S	S	S
1997	75,000	77,000	S	79,500	72,600	S	S	S	S
Postsecondary teachers, physical & related sciences									
1993	50,000	50,000	50,000	S	S	38,400	38,400	S	S
1995	50,000	51,000	51,000	S	S	40,000	40,000	S	S
1997	53,600	55,000	55,000	S	S	42,000	42,000	S	S
Social scientists									
1993	50,000	51,000	50,000	80,000	59,100	44,000	42,000	55,000	55,000
1995	52,000	55,000	52,300	78,000	60,000	47,000	43,400	61,000	60,000
1997	55,000	56,000	54,500	80,000	67,000	50,000	46,000	72,000	70,000
Economists									
1993	70,000	71,000	62,400	90,000	63,000	60,700	S	70,000	60,000
1995	75,000	75,000	58,000	90,000	64,100	72,000	S	81,000	68,000
1997	75,000	75,000	54,000	89,000	71,400	77,000	S	85,000	74,200
Political/related scientists									
1993	60,000	60,000	S	S	S	S	S	S	S
1995	60,000	60,000	51,000	S	75,000	63,200	S	S	S
1997	75,000	75,000	S	61,000	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S18. Median salary of employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Sociologists/anthropologists									
1993	$52,200	$55,000	$55,000	$60,000	S	$48,000	$43,200	$50,000	S
1995	52,000	55,000	57,000	52,000	55,000	52,000	52,000	55,000	43,500
1997	52,100	52,000	55,000	65,000	49,000	55,000	48,000	70,000	56,000
S&T historians & other social scientists									
1993	45,000	47,300	S	50,000	52,000	43,000	S	45,000	S
1995	53,000	59,800	59,800	67,200	53,700	45,000	42,000	48,000	50,800
1997	54,000	56,000	56,500	70,000	50,000	51,000	45,000	54,000	S
Postsecondary teachers, social & related scientists									
1993	47,500	50,000	49,950	S	S	42,000	42,000	S	S
1995	50,000	52,000	52,000	S	S	43,400	43,400	S	S
1997	52,000	54,500	54,500	S	S	45,500	45,500	S	S
Psychologists									
1993	48,000	50,000	48,000	58,000	50,000	44,000	42,000	47,000	49,000
1995	54,000	59,000	50,000	70,000	55,000	48,000	42,000	57,000	50,000
1997	56,000	61,000	54,500	75,000	59,000	50,000	45,000	57,000	54,000
Psychologists									
1993	50,000	52,000	50,000	58,000	50,000	46,000	42,000	47,000	48,800
1995	58,000	60,800	50,000	70,000	55,000	50,000	42,000	57,000	50,000
1997	60,000	65,000	54,000	75,000	59,000	52,000	45,000	57,000	54,000
Postsecondary teachers, psychology									
1993	45,600	48,000	48,000	S	S	41,900	41,900	S	S
1995	46,000	50,000	50,000	S	S	42,000	42,000	S	S
1997	50,000	55,000	55,000	S	S	45,000	45,000	S	S
Engineers									
1993	64,700	65,000	60,000	69,000	62,000	58,000	50,000	62,000	55,000
1995	67,000	67,000	60,000	70,000	64,800	58,300	52,000	63,000	65,000
1997	72,600	73,400	67,000	77,000	70,900	63,000	55,000	70,000	63,000
Aerospace/aeronautical engineers									
1993	67,000	68,000	60,000	70,000	62,000	S	S	S	S
1995	70,000	70,000	72,350	70,000	70,000	S	S	S	S
1997	79,500	80,000	100,000	80,000	78,000	76,000	S	S	S
Chemical engineers									
1993	65,500	65,600	54,000	66,000	S	62,400	S	64,800	S
1995	70,000	70,000	60,000	70,700	S	63,000	S	63,000	S
1997	74,500	75,000	56,000	75,000	69,500	68,000	S	70,000	S
Civil engineers									
1993	60,000	60,000	60,000	60,000	54,000	S	S	S	S
1995	60,800	60,600	60,000	64,000	55,000	S	S	S	S
1997	68,000	69,000	65,000	70,000	53,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S18. Median salary of employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Electrical/related engineers									
1993	$72,000	$72,000	$61,400	$73,000	$65,000	$64,900	S	$64,900	S
1995	72,000	72,000	61,000	74,600	65,000	64,000	S	65,000	S
1997	80,000	80,000	75,000	80,000	72,600	68,000	S	70,000	S
Industrial engineers									
1993	65,000	66,000	S	66,000	S	S	S	S	S
1995	65,000	66,300	50,000	70,000	S	S	S	S	S
1997	72,000	72,000	S	72,000	S	S	S	S	S
Mechanical engineers									
1993	64,000	64,200	60,000	65,000	62,200	S	S	S	S
1995	66,500	67,000	61,000	67,000	67,000	S	S	S	S
1997	74,000	74,000	66,500	75,000	70,200	57,000	S	S	S
Other engineers									
1993	64,000	65,000	56,000	66,000	59,000	58,000	S	60,000	S
1995	67,000	68,000	55,000	70,000	63,000	62,000	S	62,000	S
1997	74,500	75,000	62,500	78,000	71,000	62,500	S	69,000	60,000
Postsecondary teachers, engineering									
1993	60,000	60,000	60,000	S	S	50,000	50,000	S	S
1995	60,000	60,000	60,000	S	S	53,000	53,000	S	S
1997	65,000	66,500	66,500	S	S	56,000	56,000	S	S
Non-S&E occupations									
1993	72,000	76,000	66,000	85,000	70,000	53,200	48,600	64,900	55,000
1995	73,500	79,000	67,800	88,000	73,000	55,000	50,000	66,000	60,000
1997	78,000	85,000	74,000	95,000	75,800	58,900	51,000	72,000	66,000
Managers, administrators, etc.									
1993	80,000	82,000	75,000	90,000	72,000	62,000	57,500	69,000	60,000
1995	84,500	87,500	78,000	95,000	77,500	68,300	62,700	75,000	65,000
1997	91,600	96,000	87,000	100,000	84,000	75,000	69,500	83,600	71,000
Health and related occupations									
1993	55,000	64,000	50,000	79,000	54,000	47,800	42,000	50,000	49,300
1995	65,000	77,000	55,000	100,000	60,000	50,000	38,200	50,500	50,000
1997	75,000	90,000	76,000	108,000	66,000	55,500	48,000	60,000	58,000
Teachers, except S&E postsecondary teachers									
1993	49,900	52,800	52,000	S	S	45,000	45,000	S	S
1995	50,000	53,900	53,000	80,000	S	47,000	46,800	60,000	S
1997	52,000	59,000	58,000	65,000	S	50,000	50,000	S	S
Social services and related occupations									
1993	36,000	36,000	50,000	35,000	S	32,000	S	S	S
1995	36,400	36,400	56,500	31,000	36,400	38,000	36,000	S	S
1997	41,000	40,000	41,000	40,000	S	42,000	42,500	40,000	S

See explanatory information and SOURCE at the end of table.

Table S18. Median salary of employed doctoral scientists and engineers by occupation, sex, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	Male				Female			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Technologists, etc.									
1993	$60,500	$61,000	$45,000	$63,000	$53,800	$40,200	S	$52,000	S
1995	62,000	63,000	48,000	65,000	52,000	43,000	S	55,000	S
1997	60,000	62,000	38,000	65,000	60,000	44,900	S	S	S
Sales and marketing occupations									
1993	72,000	72,000	S	72,000	S	67,000	S	67,000	S
1995	67,000	68,000	S	68,000	S	60,000	S	60,000	S
1997	74,900	75,000	S	75,000	S	59,000	S	59,000	S
Other non-S&E occupations									
1993	52,100	52,100	39,000	60,000	43,400	52,000	S	55,000	52,000
1995	50,000	52,000	46,000	54,000	53,000	50,000	43,600	46,000	60,000
1997	52,000	52,000	42,000	52,000	56,000	52,000	45,400	52,000	80,000

NOTE: Numbers are rounded to nearest hundred.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S19. Median salary of employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	White				Asian/Pacific Islander			
		Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Total									
1993	$60,000	$60,000	$52,000	$72,000	$60,000	$57,600	$45,600	$65,000	$55,900
1995	60,200	62,000	53,300	75,000	62,000	60,000	45,000	68,000	55,000
1997	65,000	65,500	56,000	80,000	67,000	65,000	49,000	72,000	64,000
Scientists									
1993	52,200	53,000	49,200	65,000	55,000	50,000	41,700	60,000	53,000
1995	55,000	56,300	50,000	70,000	58,000	50,900	42,000	64,000	54,300
1997	60,000	60,000	53,000	75,000	64,000	57,000	44,000	70,000	61,000
Computer/mathematical scientists									
1993	57,200	58,000	51,000	70,000	60,000	55,900	45,000	66,800	59,099
1995	60,000	60,000	52,200	72,000	60,000	60,000	47,000	67,000	65,000
1997	66,000	67,000	57,000	80,000	65,500	65,000	50,000	75,000	68,900
Computer/information scientists									
1993	68,000	68,500	60,000	70,000	57,000	66,000	S	68,000	S
1995	69,000	70,000	55,000	70,800	55,000	65,000	48,000	67,000	S
1997	75,000	76,000	62,000	80,000	62,300	72,500	55,000	75,000	75,000
Mathematical scientists									
1993	65,000	66,000	52,100	74,900	62,000	56,000	S	60,000	59,000
1995	66,000	68,000	52,000	76,500	61,000	60,300	42,000	66,400	65,000
1997	71,000	72,600	58,500	81,000	68,000	65,000	63,100	75,000	S
Postsecondary teachers, computer & mathematical sciences									
1993	50,000	50,000	50,000	S	S	45,000	45,000	S	S
1995	51,000	52,000	52,000	S	S	47,500	47,500	S	S
1997	55,000	56,000	56,000	S	S	49,400	49,400	S	S
Life and related scientists									
1993	50,400	51,600	49,000	60,900	52,000	48,000	40,000	57,000	49,800
1995	53,300	55,000	51,300	65,000	55,000	42,000	35,000	60,000	48,000
1997	57,000	59,000	54,000	70,000	62,000	45,000	35,000	65,000	53,500
Agricultural/food scientists									
1993	52,000	53,000	50,000	60,000	52,000	50,000	40,000	54,000	S
1995	54,000	55,000	50,000	61,300	61,000	52,000	30,000	55,000	S
1997	60,500	61,000	60,000	67,000	60,000	58,500	34,000	70,000	S
Biological scientists									
1993	50,000	52,000	42,000	61,000	52,000	43,000	31,900	58,000	49,000
1995	53,000	55,000	45,000	65,000	55,000	38,000	30,000	60,000	45,400
1997	56,000	60,000	45,000	72,000	62,000	38,000	30,000	65,000	53,500
Forestry & conservation scientists									
1993	52,500	52,500	S	S	52,200	S	S	S	S
1995	59,000	60,000	S	75,000	57,000	S	S	S	S
1997	59,000	59,000	61,000	55,000	62,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	White				Asian/Pacific Islander			
		Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
Postsecondary teachers, life & related sciences									
1993	$50,000	$50,500	$50,500	S	S	$53,000	$53,000	S	S
1995	53,800	54,000	54,000	S	S	50,000	50,000	S	S
1997	56,000	57,000	57,000	S	S	57,600	57,600	S	S
Physical and related scientists									
1993	58,300	60,000	50,000	67,000	62,300	52,000	39,000	60,000	57,500
1995	60,000	61,000	50,000	70,000	65,000	53,000	40,000	63,000	60,000
1997	65,000	67,000	53,000	78,000	73,000	60,000	45,000	67,000	70,000
Chemists except biochemists									
1993	61,500	63,600	40,000	65,400	56,000	56,000	27,000	60,000	50,000
1995	65,000	68,000	40,000	70,000	60,000	60,000	26,000	62,400	S
1997	71,000	74,000	41,000	76,000	70,000	65,000	36,000	67,000	58,000
Earth/atmos/ocean scientists									
1993	60,200	61,800	48,000	67,000	63,500	46,000	S	57,000	S
1995	65,000	65,000	55,000	72,000	70,000	47,500	40,000	65,700	S
1997	68,000	70,000	50,000	75,000	75,000	54,100	42,000	58,000	77,000
Physicists & astronomers									
1993	65,000	67,000	60,000	70,000	67,955	50,000	35,000	60,000	S
1995	64,400	67,000	55,500	72,000	66,000	44,000	36,000	63,000	S
1997	74,000	75,000	54,000	81,000	75,000	63,000	42,000	70,000	80,000
Other physical scientists									
1993	66,000	65,500	70,000	67,000	58,000	66,000	S	66,600	S
1995	65,000	65,000	50,000	70,000	65,000	67,000	S	S	S
1997	75,000	74,600	S	75,000	72,600	S	S	S	S
Postsecondary teachers, physical & related sciences									
1993	50,000	50,000	50,000	S	S	46,600	46,600	S	S
1995	50,000	50,000	50,000	S	S	50,000	50,000	S	S
1997	53,600	54,000	54,000	S	S	51,000	51,000	S	S
Social scientists									
1993	50,000	50,000	48,500	73,000	58,000	44,300	42,000	63,600	S
1995	52,000	53,700	51,000	75,000	61,000	50,000	48,000	70,000	60,000
1997	55,000	55,000	53,000	77,000	69,500	52,000	50,000	70,000	55,000
Economists									
1993	70,000	70,000	62,400	87,000	60,700	62,000	S	65,100	S
1995	75,000	75,000	60,000	90,000	66,000	67,000	S	77,000	S
1997	75,000	80,000	60,000	86,000	75,000	61,000	54,000	75,000	55,000
Political/related scientists									
1993	60,000	60,000	60,000	S	60,000	S	S	S	S
1995	60,000	70,000	50,000	87,500	S	S	S	S	S
1997	75,000	75,000	41,500	64,000	S	S	S	S	S
Sociologists/anthropologists									
1993	52,200	54,000	55,000	55,000	49,700	S	S	S	S
1995	52,000	54,000	56,000	52,000	52,000	S	S	S	S
1997	52,100	55,000	55,000	65,000	52,000	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	White				Asian/Pacific Islander			
		Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
S&T historians & other social scientists									
1993	$45,000	$45,000	$42,000	$46,000	$50,000	S	S	S	S
1995	53,000	53,700	53,000	55,000	53,700	S	S	S	S
1997	54,000	54,800	52,400	69,000	50,800	S	S	S	S
Postsecondary teachers, social & related sciences									
1993	47,500	48,000	48,000	S	S	42,000	42,000	S	S
1995	50,000	50,400	50,300	S	S	48,000	48,000	S	S
1997	52,000	53,000	53,000	S	S	50,000	50,000	S	S
Psychologists									
1993	48,000	48,000	46,000	52,000	50,000	43,600	42,000	S	S
1995	54,000	54,000	46,000	65,000	53,500	48,000	45,000	58,000	S
1997	56,000	57,300	50,000	68,600	56,000	47,600	44,000	55,000	S
Psychologists									
1993	50,000	50,000	45,500	52,000	50,000	46,000	S	S	S
1995	58,000	59,000	46,000	65,000	53,500	50,000	S	58,000	S
1997	60,000	60,000	50,000	69,000	56,000	50,000	45,000	55,000	S
Postsecondary teachers, psychology									
1993	45,600	46,000	46,000	S	S	43,000	43,000	S	S
1995	46,000	46,000	46,000	S	S	43,000	43,000	S	S
1997	50,000	52,000	52,000	S	S	43,800	43,800	S	63,000
Engineers									
1993	64,700	65,000	60,000	70,000	62,000	62,000	53,000	65,000	56,000
1995	67,000	68,600	61,000	73,600	67,000	64,000	54,000	67,000	56,500
1997	72,600	75,000	67,700	80,000	73,000	70,000	65,000	72,000	S
Aerospace/aeronautical engineers									
1993	67,000	70,000	S	74,000	62,400	62,400	S	62,400	S
1995	70,000	75,000	75,000	75,000	74,000	68,000	S	70,000	S
1997	79,500	80,500	100,000	80,000	78,000	75,000	S	78,000	S
Chemical engineers									
1993	65,500	67,000	55,512	69,000	S	63,000	S	64,000	S
1995	70,000	71,900	60,000	72,000	S	68,000	S	70,000	S
1997	74,500	75,000	56,000	75,000	S	70,400	S	73,000	50,000
Civil engineers									
1993	60,000	63,800	S	63,800	65,000	55,000	S	55,000	S
1995	60,800	68,000	60,000	75,000	60,000	58,000	S	59,000	S
1997	68,000	75,000	65,000	82,500	70,000	60,000	S	68,000	S
Electrical/related engineers									
1993	72,000	72,400	63,500	75,000	64,000	70,000	50,000	70,000	S
1995	72,000	75,000	62,000	75,000	67,000	69,300	67,800	70,000	S
1997	80,000	82,000	75,000	85,000	72,600	75,000	S	75,000	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by occupation, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Total	White				Asian/Pacific Islander			
		Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
Industrial engineers									
1993	$65,000	S	S	S	S	S	S	S	S
1995	65,000	70,000	S	85,000	S	52,000	S	52,000	S
1997	72,000	80,000	S	78,000	S	69,000	S	69,000	67,000
Mechanical engineers									
1993	64,000	67,000	61,000	70,000	S	60,000	50,000	60,000	S
1995	66,500	73,200	72,400	74,000	68,000	60,000	54,000	60,000	S
1997	74,000	75,000	69,000	77,000	71,600	70,000	60,000	70,000	
Other engineers									
1993	64,000	65,000	60,000	67,400	59,000	60,000	40,000	63,300	S
1995	67,000	69,000	64,500	70,000	63,000	63,000	35,000	67,200	49,000
1997	74,500	78,000	65,000	80,000	75,000	70,000	37,000	70,000	70,000
Postsecondary teachers, engineering									
1993	60,000	60,000	60,000	S	S	55,000	55,000	S	S
1995	60,000	60,000	60,000	S	S	57,000	57,000	S	S
1997	65,000	66,000	66,000	S	S	66,500	66,450	S	S
Non-S&E occupations									
1993	72,000	72,000	61,300	84,000	67,000	71,500	51,600	80,000	63,000
1995	73,500	75,000	62,000	85,000	70,000	72,000	52,000	80,000	60,000
1997	78,000	80,000	65,000	90,000	74,000	78,000	55,000	90,000	78,000
Managers, administrators, etc.									
1993	80,000	80,000	72,000	88,400	70,000	84,000	71,000	87,000	66,000
1995	84,500	85,000	76,000	92,000	75,000	86,400	72,000	90,000	70,000
1997	91,600	92,300	85,000	100,000	81,000	95,000	84,000	97,200	81,400
Health and related occupations									
1993	55,000	55,640	48,000	70,000	52,000	54,000	42,000	65,000	52,000
1995	65,000	67,000	50,000	85,000	55,000	45,000	38,600	80,000	39,000
1997	75,000	80,000	70,000	98,000	60,000	50,000	40,000	65,000	S
Teachers, except S&E postsecondary teachers									
1993	49,900	50,000	50,000	S	S	48,000	48,000	S	S
1995	50,000	50,000	50,000	80,000	S	49,000	49,000	S	S
1997	52,000	53,000	52,100	60,000	S	55,000	54,000	S	S
Social services and related occupations									
1993	36,000	35,000	46,100	33,000	35,000	S	S	S	S
1995	36,400	38,000	42,000	35,000	36,400	S	S	S	S
1997	41,000	41,000	42,000	40,000	S	S	S	S	S
Technologists, etc.									
1993	60,500	60,000	43,200	64,000	50,000	60,500	S	61,000	S
1995	62,000	62,000	48,000	65,000	50,900	62,000	53,000	63,000	S
1997	60,000	56,000	38,000	60,000	52,000	76,000	S	77,000	S
Sales and marketing occupations									
1993	72,000	75,000	S	75,000	S	68,000	S	68,000	S
1995	67,000	68,000	S	68,000	S	55,000	S	55,000	S
1997	74,900	75,000	S	75,000	S	66,000	S	66,000	S
Other non-S&E occupations									
1993	52,100	55,000	38,000	60,000	44,800	50,000	S	50,000	S
1995	50,000	52,000	46,000	50,000	55,000	52,000	S	52,000	S
1997	52,000	51,000	45,000	52,000	59,000	75,000	S	75,000	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black				Hispanic				American Indian/Alaskan Native			
	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Total												
1993	$51,000	$47,500	$62,400	$52,000	$53,400	$46,600	$65,000	$55,000	$55,000	$46,300	$70,000	$60,000
1995	55,000	50,000	65,000	56,000	54,400	47,000	68,000	60,000	52,000	46,500	60,000	58,000
1997	59,000	50,000	73,000	63,700	59,500	50,000	75,000	63,000	56,000	50,000	72,000	53,500
Scientists												
1993	48,000	44,000	58,000	50,400	50,000	44,000	58,800	51,100	45,000	45,000	S	S
1995	50,000	45,000	65,000	53,300	49,200	44,000	60,000	56,000	50,000	46,200	72,000	S
1997	54,000	48,000	70,000	61,000	55,000	48,000	69,500	60,000	51,100	49,000	70,000	S
Computer/mathematical scientists												
1993	51,000	51,000	S	S	50,000	48,000	65,700	S	S	S	S	S
1995	55,000	51,000	S	S	48,000	45,000	68,000	S	S	S	S	S
1997	63,000	56,000	80,000	S	64,000	55,000	78,200	S	S	S	S	S
Computer/information scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	65,000	S	68,000	S	S	S	S	S
1997	S	S	S	S	78,200	S	80,000	S	S	S	S	S
Mathematical scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers, computer & mathematical sciences												
1993	51,000	51,000	S	S	48,000	48,000	S	S	S	S	S	S
1995	51,000	51,000	S	S	45,000	45,000	S	S	S	S	S	S
1997	58,000	58,000	S	S	50,000	50,000	S	S	S	S	S	S
Life and related scientists												
1993	48,000	44,000	S	S	45,000	38,400	56,000	S	45,000	S	S	S
1995	46,000	44,000	55,000	S	44,500	41,500	60,000	S	61,000	S	S	S
1997	51,600	44,000	63,000	56,000	50,000	46,000	65,000	S	54,000	S	S	S
Agricultural/food scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	51,000	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Biological scientists												
1993	48,000	36,400	S	S	45,000	32,000	59,000	S	S	S	S	S
1995	42,000	30,900	S	S	44,300	37,600	62,000	S	S	S	S	S
1997	47,000	32,000	63,000	S	51,000	39,100	65,000	S	S	S	S	S
Forestry & conservation scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black				Hispanic				American Indian/Alaskan Native			
	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Postsecondary teachers, life & related sciences												
1993	$46,000	$46,000	S	S	$40,700	$40,700	S	S	S	S	S	S
1995	47,000	47,000	S	S	43,000	43,000	S	S	S	S	S	S
1997	55,000	54,700	S	S	48,500	48,500	S	S	S	S	S	S
Physical and related scientists												
1993	48,000	42,000	58,000	S	54,000	47,000	57,000	S	S	S	S	S
1995	53,300	40,000	65,000	S	55,000	49,500	62,000	S	S	S	S	S
1997	61,260	47,000	70,000	S	60,000	51,000	65,000	75,000	S	S	S	S
Chemists except biochemists												
1993	56,000	S	S	S	56,000	S	57,000	S	S	S	S	S
1995	62,500	S	66,500	S	55,000	S	60,500	S	S	S	S	S
1997	64,800	S	70,000	S	60,000	S	60,000	S	S	S	S	S
Earth/atmos/ocean scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	75,000	S	S	S	S	S	S	S
Physicists & astronomers												
1993	S	S	S	S	64,800	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	60,000	S	S	S	S	S	S	S
Other physical scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers, physical & related sciences												
1993	42,000	42,000	S	S	49,000	49,000	S	S	S	S	S	S
1995	41,000	41,000	S	S	50,000	50,000	S	S	S	S	S	S
1997	46,900	46,900	S	S	51,000	51,000	S	S	S	S	S	S
Social scientists												
1993	45,000	44,000	S	S	45,600	44,000	S	S	44,900	44,900	S	S
1995	48,000	46,000	S	S	45,000	43,000	S	S	43,700	42,000	S	S
1997	50,000	50,000	S	S	55,000	50,000	S	S	48,000	48,000	S	S
Economists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Political/related scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Sociologists/anthropologists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black				Hispanic				American Indian/Alaskan Native			
	Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment	Total	Educa-tional institution	Industry	Govern-ment
S&T historians & other social scientists												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers, social & related sciences												
1993	44,000	44,000	S	S	44,000	44,000	S	S	44,900	44,900	S	S
1995	46,000	46,000	S	S	42,500	42,500	S	S	42,000	42,000	S	S
1997	50,000	50,000	S	S	50,000	50,000	S	S	48,000	48,000	S	S
Psychologists												
1993	49,500	42,000	S	S	46,800	45,000	50,000	S	S	S	S	S
1995	56,000	43,000	65,000	S	49,000	44,000	51,000	56,000	55,000	S	S	S
1997	50,000	45,000	62,000	60,000	48,000	46,000	55,000	S	52,000	S	S	S
Psychologists												
1993	50,400	50,000	S	S	51,000	S	50,000	S	S	S	S	S
1995	58,000	41,000	65,000	S	51,000	43,000	51,000	56,000	50,000	S	S	S
1997	55,000	47,000	62,000	60,000	50,000	47,000	55,000	S	50,000	S	S	S
Postsecondary teachers, psychology												
1993	40,000	40,000	S	S	44,000	44,000	S	S	S	S	S	S
1995	43,000	43,000	S	S	45,000	45,000	S	S	S	S	S	S
1997	45,000	45,000	S	S	44,000	44,000	S	S	S	S	S	S
Engineers												
1993	60,000	50,000	63,000	S	59,900	50,000	61,800	S	S	S	S	S
1995	65,000	63,000	66,000	S	57,000	52,000	70,000	S	S	S	S	S
1997	67,000	60,000	73,500	S	68,000	60,000	72,000	S	S	S	S	S
Aerospace/aeronautical engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Chemical engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Civil engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Electrical/related engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	65,000	S	S	S	S	S	S	S
1997	S	S	S	S	80,000	S	S	S	S	S	S	S
Industrial engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S

See explanatory information and SOURCE at the end of table.

Table S19. Median salary of employed doctoral scientists and engineers by field of doctorate, race/ethnicity, and broad sector of employment: 1993, 1995, and 1997

Occupation and year	Black				Hispanic				American Indian/Alaskan Native			
	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government	Total	Educational institution	Industry	Government
Mechanical engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Other engineers												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	66,000	S	67,900	S	S	S	S	S
1997	S	S	S	S	70,000	S	S	S	S	S	S	S
Postsecondary teachers, engineering												
1993	50,000	50,000	S	S	52,000	52,000	S	S	S	S	S	S
1995	64,000	64,000	S	S	53,300	53,300	S	S	S	S	S	S
1997	60,000	60,000	S	S	60,000	60,000	S	S	S	S	S	S
Non-S&E occupations												
1993	60,000	53,000	68,000	58,000	65,000	51,000	81,600	62,400	62,000	S	S	S
1995	60,000	56,500	75,000	60,000	70,000	54,000	80,000	70,000	54,000	43,800	S	S
1997	66,000	59,500	85,000	73,000	75,000	54,000	80,000	65,000	60,000	54,000	S	S
Managers, administrators, etc.												
1993	65,000	65,000	77,000	60,400	79,500	65,000	85,000	S	62,400	S	S	S
1995	70,500	67,000	84,000	60,000	80,000	60,000	89,000	70,000	58,400	S	S	S
1997	80,000	72,000	91,000	74,000	80,000	75,000	83,000	S	72,300	S	S	S
Health and related occupations												
1993	47,500	S	S	S	S	S	S	S	S	S	S	S
1995	60,200	S	S	S	77,900	S	S	S	S	S	S	S
1997	68,000	53,000	S	S	75,000	S	S	S	S	S	S	S
Teachers, except S&E postsecondary teachers												
1993	45,000	45,000	S	S	39,500	39,500	S	S	S	S	S	S
1995	50,000	50,000	S	S	45,000	45,000	S	S	S	S	S	S
1997	48,000	48,000	S	S	44,000	43,000	S	S	S	S	S	S
Social services and related occupations												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Technologists, etc.												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Sales and marketing occupations												
1993	S	S	S	12,500	S	S	S	S	S	S	S	S
1995	S	S	S	S	S	S	S	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S
Other non-S&E occupations												
1993	S	S	S	S	S	S	S	S	S	S	S	S
1995	42,000	S	S	S	40,000	S	40,000	S	S	S	S	S
1997	S	S	S	S	S	S	S	S	S	S	S	S

NOTE: Numbers are rounded to nearest hundred.

'Other' race included with 'white'.

1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.

Table S20. Median salary of employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Total									
1993	$60,000	$44,700	$50,000	$57,400	$63,000	$67,000	$68,500	$66,400	$68,000
1995	60,200	43,600	52,000	60,000	65,000	70,000	70,000	70,000	65,900
1997	65,000	47,000	75,000	63,000	70,000	74,000	75,000	75,000	71,000
Scientists									
1993	52,200	40,000	47,000	52,000	56,000	60,000	60,000	61,000	64,000
1995	55,000	38,000	48,000	55,000	60,000	63,400	65,000	64,000	65,000
1997	60,000	41,000	52,000	60,000	65,000	67,700	70,000	70,000	70,000
Computer/mathematical scientists									
1993	57,200	50,000	52,000	60,000	60,000	60,000	60,000	60,000	63,000
1995	60,000	50,000	57,300	60,000	60,000	65,000	63,500	62,000	61,000
1997	66,000	57,900	63,100	65,000	70,000	70,000	71,700	65,000	80,000
Computer/information scientists									
1993	68,000	63,900	67,000	70,000	67,300	72,000	69,700	67,500	S
1995	69,000	62,300	68,300	68,000	70,000	74,000	75,000	70,100	S
1997	75,000	70,000	72,000	80,000	78,000	82,000	80,000	70,000	S
Mathematical scientists									
1993	65,000	54,000	55,000	67,000	65,000	77,000	66,700	S	S
1995	66,000	55,000	60,000	65,000	65,000	82,000	76,000	68,900	S
1997	71,000	60,000	65,000	75,000	72,600	79,800	82,000	S	S
Postsecondary teachers, computer & mathematical sciences									
1993	50,000	40,000	45,000	48,000	51,000	52,500	56,000	55,900	63,000
1995	51,000	41,000	45,000	49,000	54,000	55,000	59,000	59,500	61,000
1997	55,000	41,000	47,000	50,000	60,000	62,000	61,276	60,000	80,000
Life and related scientists									
1993	50,400	32,000	44,950	51,000	56,000	60,000	60,000	64,000	70,000
1995	53,300	30,000	43,000	55,000	58,500	65,000	65,500	66,000	69,000
1997	57,000	32,000	48,000	58,000	65,000	67,800	70,000	69,000	75,000
Agricultural/food scientists									
1993	52,000	40,700	45,000	52,000	54,900	60,000	65,000	65,000	S
1995	54,000	43,000	49,000	50,000	56,000	65,000	70,000	70,000	80,000
1997	60,500	47,400	57,500	56,000	65,000	70,000	72,000	70,000	72,000
Biological scientists									
1993	50,000	29,500	45,000	54,000	60,000	64,000	66,300	70,000	80,500
1995	53,000	30,000	41,000	60,000	64,000	70,000	70,000	75,000	70,000
1997	56,000	30,000	48,000	60,000	71,000	75,000	75,000	75,000	79,400
Environmental life scientists									
1993	52,500	S	S	S	S	S	S	S	S
1995	59,000	S	S	52,000	S	S	S	S	S
1997	59,000	S	S	57,300	55,000	72,000	S	S	S

See explanatory information and SOURCE at the end of table.

Table S20. Median salary of employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Postsecondary teachers, life & related sciences									
1993	$50,000	$40,000	$44,200	$47,500	$53,000	$58,000	$56,000	$62,000	$67,300
1995	53,800	36,000	43,000	51,000	53,800	60,000	60,000	60,000	68,000
1997	56,000	38,000	46,000	53,600	55,000	62,000	66,500	65,000	72,000
Physical and related scientists									
1993	58,300	44,400	53,000	60,000	63,000	66,000	69,000	66,000	65,000
1995	60,000	42,000	53,500	60,000	67,000	72,000	70,000	70,000	61,700
1997	65,000	46,000	59,000	67,000	71,000	75,000	75,600	78,000	70,100
Chemists, except biochemists									
1993	61,500	52,000	59,100	65,000	68,300	72,000	75,000	72,000	68,200
1995	65,000	54,100	63,000	69,000	73,000	75,000	80,000	75,000	51,000
1997	71,000	57,000	67,000	76,000	80,000	80,000	80,000	80,000	80,000
Earth/atmos/ocean scientists									
1993	60,200	42,000	49,800	60,000	66,100	71,000	79,000	75,000	S
1995	65,000	40,000	50,000	55,000	71,000	77,400	79,000	76,000	S
1997	68,000	45,000	50,000	56,000	78,000	77,000	93,000	85,000	S
Physicists and astronomers									
1993	65,000	40,000	58,000	66,000	71,200	74,000	75,600	70,300	S
1995	64,400	38,000	56,600	65,000	72,000	79,000	83,100	84,000	72,000
1997	74,000	44,000	60,000	75,000	83,000	84,000	94,000	90,000	80,000
Other physical scientists									
1993	66,000	S	58,300	67,000	S	75,600	S	S	S
1995	65,000	S	60,000	60,000	72,000	84,000	93,700	S	S
1997	75,000	S	77,800	73,000	80,000	79,500	S	S	S
Postsecondary teachers, physical and related sciences									
1993	50,000	35,500	40,000	43,500	50,000	55,000	58,000	58,000	53,000
1995	50,000	38,000	40,000	45,000	51,000	58,000	58,000	63,000	60,000
1997	53,600	37,000	44,200	50,000	54,000	65,535	61,000	66,000	67,000
Social scientists									
1993	50,000	40,700	43,000	46,000	50,000	54,000	56,000	58,000	60,000
1995	52,000	44,800	45,000	48,000	52,000	57,000	60,000	61,000	65,000
1997	55,000	43,000	46,000	50,000	55,000	60,000	65,000	65,000	67,000
Economists									
1993	70,000	55,000	62,500	69,000	72,000	76,000	72,000	S	S
1995	75,000	60,000	69,000	76,000	75,000	79,200	90,000	S	S
1997	75,000	63,000	68,000	80,000	80,000	85,000	84,000	S	S
Political/related scientists									
1993	60,000	S	S	S	S	60,000	S	S	S
1995	60,000	S	S	S	75,000	S	S	S	S
1997	75,000	S	S	S	S	S	85,000	S	S
Sociologists/anthropologists									
1993	52,200	S	S	48,500	55,000	70,000	S	S	S
1995	52,000	S	40,000	49,000	52,000	60,000	67,000	S	S
1997	52,100	35,000	44,200	50,000	60,000	61,000	S	S	S

See explanatory information and SOURCE at the end of table.

Table S20. Median salary of employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
S&T historians and other social scienctists									
1993	$45,000	S	$50,000	$43,000	$43,000	S	S	S	S
1995	53,000	S	50,000	49,700	55,000	53,000	S	S	S
1997	54,000	S	55,000	40,000	54,800	51,000	56,500	S	S
Postsecondary teachers, social and related sciences									
1993	47,500	38,000	40,000	43,000	46,900	51,000	55,000	56,500	60,000
1995	50,000	38,000	41,000	45,000	49,900	55,000	57,000	60,000	65,000
1997	52,000	40,000	43,000	47,000	52,000	56,453	63,000	65,000	65,000
Psychologists									
1993	48,000	38,000	43,000	47,500	50,000	52,000	55,000	56,000	60,000
1995	54,000	37,100	46,000	54,000	60,000	60,000	60,000	55,000	60,000
1997	56,000	40,000	48,000	58,000	60,000	61,000	66,000	60,000	63,000
Psychologists									
1993	50,000	42,000	45,760	50,000	51,000	53,800	55,600	57,000	60,000
1995	58,000	38,900	50,000	59,000	63,000	60,000	63,000	52,000	55,000
1997	60,000	42,000	52,500	60,000	65,000	63,000	70,000	58,000	58,500
Postsecondary teachers, psychology									
1993	45,600	35,000	38,500	42,000	49,300	50,000	55,000	56,000	57,700
1995	46,000	35,300	39,500	44,000	46,000	50,200	57,000	57,000	68,000
1997	50,000	37,000	42,400	46,000	52,000	58,000	63,500	63,500	75,000
Engineers									
1993	64,700	55,000	58,800	65,000	70,000	73,700	74,000	70,200	78,000
1995	67,000	57,500	60,000	65,000	75,000	77,200	75,500	76,000	79,800
1997	72,600	62,000	67,000	70,000	80,000	82,500	85,000	84,500	78,200
Aerospace/aeronautical engineers									
1993	67,000	55,000	58,000	67,600	66,500	72,800	75,000	S	S
1995	70,000	51,700	58,000	70,000	75,000	84,000	85,000	S	S
1997	79,500	57,700	68,000	76,000	76,000	90,260	94,000	S	S
Chemical engineers									
1993	65,500	59,800	62,400	69,000	80,000	76,100	79,900	S	S
1995	70,000	63,000	66,000	72,000	83,000	85,000	73,500	89,000	S
1997	74,500	65,000	75,000	72,000	91,000	87,000	100,000	89,500	S
Civil engineers									
1993	60,000	45,100	48,300	56,300	75,000	68,000	S	S	S
1995	60,800	52,000	53,000	55,000	66,000	80,800	120,000	S	S
1997	68,000	49,000	55,000	60,000	75,000	80,000	110,000	S	S
Electrical/related engineers									
1993	72,000	60,500	66,400	72,000	75,000	85,000	73,000	77,000	S
1995	72,000	65,000	68,000	75,000	78,000	85,000	80,000	80,000	S
1997	80,000	70,000	75,400	84,000	85,000	86,000	96,000	85,000	76,000

See explanatory information and SOURCE at the end of table.

Table S20. Median salary of employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Industrial engineers									
1993	$65,000	S	S	S	S	S	S	S	S
1995	65,000	S	S	S	S	S	S	S	S
1997	72,000	65,000	72,000	72,000	S	S	S	S	S
Mechanical engineers									
1993	64,000	52,000	60,000	65,000	70,000	78,000	80,000	S	S
1995	66,500	60,000	60,000	62,000	70,000	80,000	80,000	95,000	S
1997	74,000	60,000	67,000	70,000	79,000	80,700	85,000	105,000	S
Other engineers									
1993	64,000	54,000	59,600	67,600	72,000	74,000	72,800	72,000	S
1995	67,000	57,000	62,000	68,425	78,000	78,000	75,000	68,000	80,000
1997	74,500	60,000	67,000	75,000	84,000	90,000	81,800	84,500	63,000
Postsecondary teachers, engineering									
1993	60,000	48,000	51,000	57,500	60,000	65,000	67,750	68,000	80,000
1995	60,000	51,000	53,300	55,000	66,000	67,000	70,000	75,000	79,000
1997	65,000	52,000	57,000	60,000	70,000	74,000	72,000	80,000	75,000
Non-S&E occupations									
1993	72,000	50,000	57,500	67,600	74,000	79,400	80,000	77,000	79,000
1995	73,500	49,000	62,000	69,000	75,000	80,300	82,000	78,000	66,880
1997	78,000	49,500	66,000	75,000	80,000	86,000	90,000	88,000	70,000
Managers, administrators, etc.									
1993	80,000	58,000	63,500	75,000	80,000	85,000	85,884	86,300	85,000
1995	84,500	67,600	71,400	76,500	85,000	90,000	92,776	88,000	85,000
1997	91,600	70,000	75,000	85,000	93,000	96,600	100,000	100,000	89,000
Health and related occupations									
1993	55,000	32,400	49,900	62,400	65,000	67,000	70,000	67,000	S
1995	65,000	33,300	50,000	70,000	89,000	85,000	64,000	84,000	49,000
1997	75,000	35,000	64,000	88,000	90,000	85,000	80,000	100,000	60,500
Teachers, except S&E postsecondary teachers									
1993	49,900	44,900	43,900	45,600	48,900	50,000	55,000	60,000	61,000
1995	50,000	41,000	43,000	48,000	50,000	51,500	50,000	60,000	56,000
1997	52,000	39,000	45,000	50,500	53,000	55,800	51,000	62,900	74,000
Social services and related occupations									
1993	36,000	S	S	S	36,000	36,000	35,000	S	S
1995	36,400	S	S	40,000	42,000	42,000	32,000	S	S
1997	41,000	S	34,700	S	61,300	40,000	43,000	S	S
Technologists, etc.									
1993	60,500	52,000	58,000	60,000	65,000	62,400	S	S	S
1995	62,000	55,000	63,000	65,000	65,000	62,000	45,000	S	S
1997	60,000	65,000	65,000	55,000	61,000	75,000	52,000	S	S

See explanatory information and SOURCE at the end of table.

Table S20. Median salary of employed doctoral scientists and engineers by occupation and age: 1993, 1995 and 1997

Occupation and year	Total	Under 35	35-39	40-44	45-49	50-54	55-59	60-64	65-75
Sales and marketing occupations									
1993	$72,000	$65,000	$75,000	$80,000	$84,000	$62,400	$70,000	S	S
1995	67,000	62,000	65,000	68,000	70,000	74,000	60,000	49,000	S
1997	74,900	60,000	87,000	79,000	69,000	75,000	80,000	50,000	38,000
Other non-S&E occupations									
1993	52,100	43,500	50,000	50,000	66,300	52,000	57,600	46,600	S
1995	50,000	42,000	50,000	52,000	54,000	56,100	60,000	45,000	35,000
1997	52,000	50,000	45,000	52,000	62,000	55,000	60,000	60,000	30,000

NOTE: Numbers are rounded to nearest hundred.
1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 200 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.