

## ALL EMPLOYED CHEMISTRY HIGHEST DEGREES, 1997, SESTAT\*

### A. EMPLOYED BY FIELD

FIELD	BA/BS	BA/BS	MS	MS	PHD	PHD
	#	% OF	#	% OF	#	% OF
	TOTAL	MAJOR	TOTAL	MAJOR	TOTAL	MAJOR
Same S&E-Chem	45,434	25.8%	13,104	36.0%	26,188	41.8%
Other S&E	31,346	17.8%	8,906	24.4%	21,500	34.3%
Closely Related Non-S&E	30,113	17.1%	5,804	15.9%	5,125	8.2%
Somewhat Related Non-S&E	29,937	17.0%	4,599	12.6%	6,500	10.4%
Unrelated Non-S&E	39,094	22.2%	4,015	11.0%	3,313	5.3%
<b>TOTALS</b>	<b>175,924</b>	<b>100.0%</b>	<b>36,428</b>	<b>100.0%</b>	<b>62,626</b>	<b>100.0%</b>

### B. EMPLOYED BY OCCUPATION

OCCUPATION	BA/BS	BA/BS	MS	MS	PHD	PHD
	#	% OF	#	% OF	#	% OF
	TOTAL	MAJOR	TOTAL	MAJOR	TOTAL	MAJOR
Computer/Math Scientist	7,748	4.4%	913	2.5%	1,500	2.4%
Life/Related Scientist	6,340	3.6%	2,190	6.0%	5,625	9.0%
Physical/Related Scientist	51,069	29.0%	16,389	44.9%	38,000	60.9%
Social/Related Scientist	176	0.1%	0	0.0%	0	0.0%
Engineer	11,447	6.5%	2,482	6.8%	2,500	4.0%
Non-S&E Occupation	99,144	56.4%	14,491	39.7%	14,813	23.7%
<b>TOTALS</b>	<b>175,924</b>	<b>100.0%</b>	<b>36,465</b>	<b>100.0%</b>	<b>62,438</b>	<b>100.0%</b>

### C. EMPLOYED BY REGION

REGION	BA/BS	BA/BS	MS	MS	PHD	PHD
	#	%	#	%	#	%
New England	10,000	5.7%	2,900	8.0%	5,400	8.7%
Middle Atlantic	27,700	15.8%	7,300	20.1%	12,500	20.0%
East North Central	28,600	16.3%	6,400	17.6%	10,600	17.0%
West North Central	12,200	6.9%	1,600	4.4%	4,100	6.6%
South Atlantic	36,500	20.8%	6,300	17.3%	10,300	16.5%
East South Central	8,700	4.9%	1,500	4.1%	2,100	3.4%
West South Central	13,600	7.7%	3,800	10.4%	5,100	8.2%
Mountain	10,000	5.7%	2,400	6.6%	3,000	4.8%
Pacific	28,500	16.2%	4,200	11.5%	9,300	14.9%
<b>TOTALS</b>	<b>175,800</b>	<b>100.0%</b>	<b>36,400</b>	<b>100.0%</b>	<b>62,400</b>	<b>100.0%</b>

### D. EMPLOYED BY SEX

SEX	BA/BS	BA/BS	MS	MS	PHD	PHD
	#	%	#	%	#	%
Male	121,300	68.9%	23,500	64.4%	53,200	85.1%
Female	54,800	31.1%	13,000	35.6%	9,300	14.9%
<b>TOTALS</b>	<b>176,100</b>	<b>100.0%</b>	<b>36,500</b>	<b>100.0%</b>	<b>62,500</b>	<b>100.0%</b>

## E. EMPLOYED BY SEX AND SECTOR

SECTOR	BA/BS	BA/BS	BA/BS	BA/BS	BA/BS	BA/BS
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<b>Business/Industry</b>	133,400	75.8%	96,000	79.1%	37,500	68.4%
Profit	116,900	66.5%	86,400	71.2%	30,500	55.7%
Self-Employed	10,600	6.0%	6,900	5.7%	3,800	6.9%
Non-Profit	5,900	3.4%	2,700	2.2%	3,200	5.8%
<b>Educational Institution</b>	24,900	14.2%	13,400	11.0%	11,700	21.4%
4-Year College/University	17,300	9.8%	10,000	8.2%	7,400	13.5%
Other	7,600	4.3%	3,400	2.8%	4,300	7.8%
<b>Government</b>	17,600	10.0%	11,900	9.8%	5,600	10.2%
Federal	6,600	3.8%	4,200	3.5%	2,400	4.4%
State/Local	11,000	6.3%	7,700	6.3%	3,200	5.8%
<b>TOTALS</b>	175,900	100.0%	121,300	100.0%	54,800	100.0%

SECTOR	MS	MS	MS	MS	MS	MS
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<b>Business/Industry</b>	23,100	63.1%	16,800	71.8%	6,300	48.8%
Profit	21,600	59.0%	15,600	66.7%	6,000	46.5%
Self-Employed	1,200	3.3%	1,000	4.3%	200	1.6%
Non-Profit	300	0.8%	200	0.9%	100	0.8%
<b>Educational Institution</b>	9,900	27.0%	4,600	19.7%	5,200	40.3%
4-Year College/University	4,900	13.4%	2,300	9.8%	2,600	20.2%
Other	5,000	13.7%	2,300	9.8%	2,600	20.2%
<b>Government</b>	3,600	9.8%	2,000	8.5%	1,400	10.9%
Federal	1,800	4.9%	900	3.8%	800	6.2%
State/Local	1,800	4.9%	1,100	4.7%	600	4.7%
<b>TOTALS</b>	36,600	100.0%	23,400	100.0%	12,900	100.0%

SECTOR	PHD	PHD	PHD	PHD	PHD	PHD
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<b>Business/Industry</b>	39,400	62.8%	34,000	63.9%	5,300	57.0%
Profit	35,600	56.8%	30,900	58.1%	4,600	49.5%
Self-Employed	1,900	3.0%	1,500	2.8%	400	4.3%
Non-Profit	1,900	3.0%	1,600	3.0%	300	3.2%
<b>Educational Institution</b>	19,200	30.6%	15,600	29.3%	3,500	37.6%
4-Year College/University	17,400	27.8%	14,400	27.1%	3,000	32.3%
Other	1,800	2.9%	1,200	2.3%	500	5.4%
<b>Government</b>	4,100	6.5%	3,600	6.8%	500	5.4%
Federal	3,200	5.1%	2,800	5.3%	400	4.3%
State/Local	900	1.4%	800	1.5%	100	1.1%
<b>TOTALS</b>	62,700	100.0%	53,200	100.0%	9,300	100.0%

## F. EMPLOYED BY SEX AND YEARS SINCE DEGREE

YEARS SINCE DEGREE	BA/BS	BA/BS	BA/BS	BA/BS	BA/BS	BA/BS
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<5 Years	27,100	15.4%	15,000	12.4%	12,100	22.0%
5-9 Years	25,000	14.2%	14,600	12.0%	10,500	19.1%
10-14 Years	18,900	10.7%	13,800	11.4%	5,100	9.3%
15-19 Years	22,400	12.7%	14,900	12.3%	7,500	13.7%
20-24 Years	23,500	13.3%	18,000	14.8%	5,500	10.0%
25-29 Years	22,400	12.7%	17,000	14.0%	5,400	9.8%
30-34 Years	16,600	9.4%	12,000	9.9%	4,600	8.4%
35+ Years	20,200	11.5%	16,000	13.2%	4,200	7.7%
<b>TOTALS</b>	<b>176,100</b>	<b>100.0%</b>	<b>121,300</b>	<b>100.0%</b>	<b>54,900</b>	<b>100.0%</b>

YEARS SINCE DEGREE	MS	MS	MS	MS	MS	MS
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<5 Years	6,000	16.5%	3,100	13.2%	2,900	22.3%
5-9 Years	3,800	10.4%	2,200	9.4%	1,600	12.3%
10-14 Years	6,200	17.0%	4,500	19.2%	1,700	13.1%
15-19 Years	4,000	11.0%	2,700	11.5%	1,300	10.0%
20-24 Years	6,500	17.9%	3,800	16.2%	2,700	20.8%
25-29 Years	4,700	12.9%	3,500	15.0%	1,200	9.2%
30-34 Years	3,300	9.1%	2,000	8.5%	1,300	10.0%
35+ Years	1,900	5.2%	1,600	6.8%	300	2.3%
<b>TOTALS</b>	<b>36,400</b>	<b>100.0%</b>	<b>23,400</b>	<b>100.0%</b>	<b>13,000</b>	<b>100.0%</b>

YEARS SINCE DEGREE	PHD	PHD	PHD	PHD	PHD	PHD
	# BOTH SEXES	% OF MAJOR	# MEN	% OF MAJOR	# WOMEN	% OF MAJOR
<5 Years	8,700	13.9%	6,500	12.2%	2,200	23.4%
5-9 Years	9,100	14.5%	6,900	12.9%	2,200	23.4%
10-14 Years	9,000	14.4%	7,200	13.5%	1,800	19.1%
15-19 Years	8,700	13.9%	7,600	14.3%	1,100	11.7%
20-24 Years	7,300	11.7%	6,600	12.4%	700	7.4%
25-29 Years	9,800	15.7%	9,100	17.1%	700	7.4%
30-34 Years	5,500	8.8%	5,200	9.8%	400	4.3%
35+ Years	4,500	7.2%	4,200	7.9%	300	3.2%
<b>TOTALS</b>	<b>62,600</b>	<b>100.0%</b>	<b>53,300</b>	<b>100.0%</b>	<b>9,400</b>	<b>100.0%</b>

Source: NSF SESTAT, a comprehensive and integrated system of information about the employment, educational and demographic characteristics of scientists and engineers in the United States.

Note: Any discrepancy in numbers may be due to rounding.

\*Division of Science Resources Studies, Directorate for Social Behavioral, and Economic Studies