

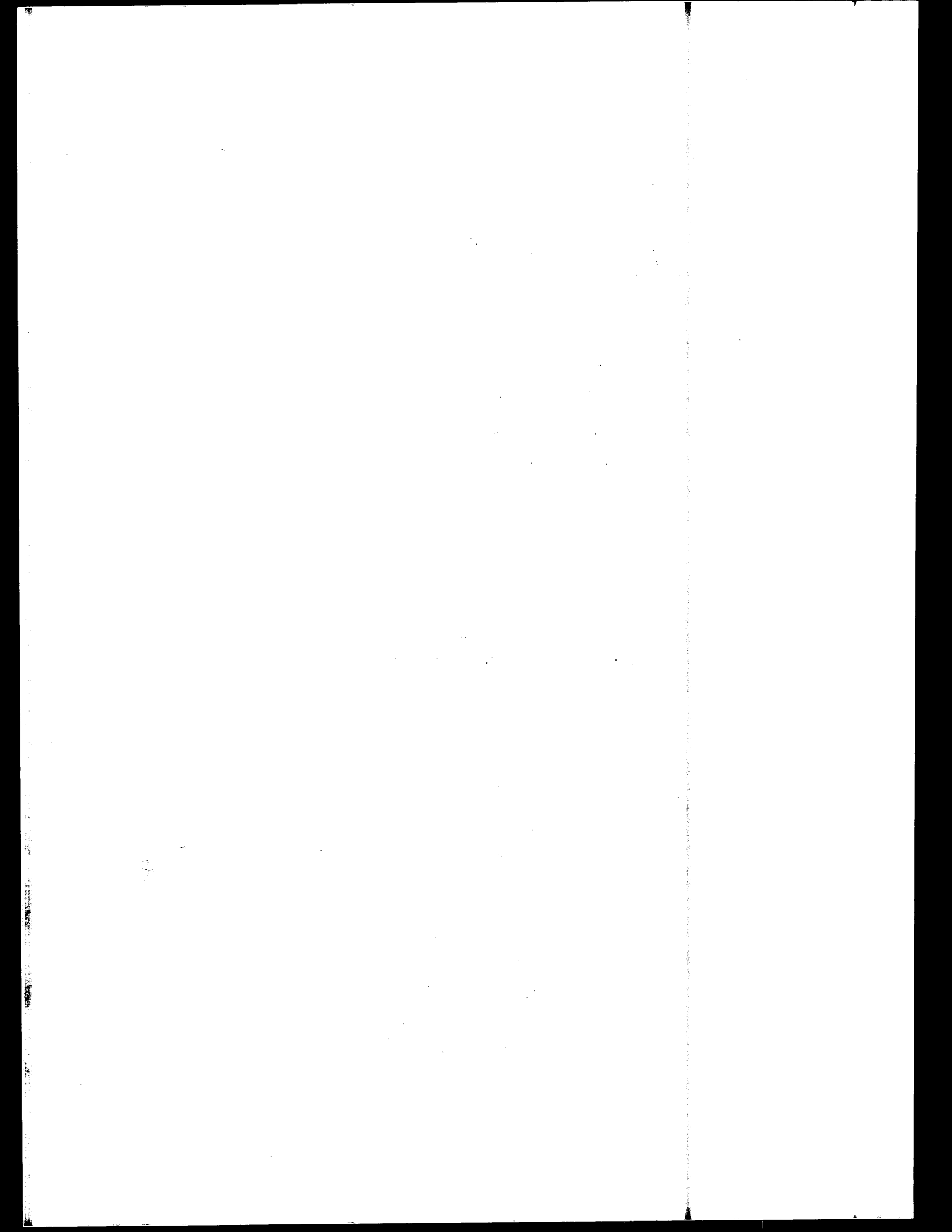
SALARIES

1984

**Analysis of the
American Chemical Society's
1984 Survey of Salaries and Employment**



**Statistical Services
American Chemical Society
Washington, D.C.**



SALARIES 1984
ANALYSIS OF THE AMERICAN CHEMICAL SOCIETY'S
1984 SURVEY OF SALARIES AND EMPLOYMENT

This report was prepared by the
ACS Statistical Services

American Chemical Society
1155 Sixteenth Street, N.W.
Washington, D.C. 20036

July 1984

Available from the Distribution Office, ACS

Copyright 1984 American Chemical Society

CONTENTS

| | Page |
|---|------|
| Introduction and Acknowledgment | iv |
| Summary and Comment | 1 |
| List of Tables | 4 |
| Technical Notes | 9 |
| Geographic Regions | 12 |
| Tables | 14 |
| Survey Questionnaire | 115 |

INTRODUCTION AND ACKNOWLEDGMENT

This report presents detailed results of the 1984 Comprehensive Salary and Employment Status Survey. A summary of the 1984 findings was published in the July 2, 1984 issue of Chemical and Engineering News.

General oversight of the survey and its analysis was provided by the ACS Council Committee on Economic Status, headed by Dr. Attila Pavlath. The Committee expresses its gratitude to the more than 10,600 ACS members who provided an invaluable service to the profession by completing the survey questionnaire.

As a special project of the Committees on Economic and Professional Training, questions about the undergraduate education of chemists were included in this year's survey. Questions were developed in consultation with the respective chairmen of those committees, Dr. Gerhard Meisels and Dr. Henry Bent and the chairman of the Survey Subcommittee of the CES, Dr. Jack Kay.

A report based on the responses to these questions will be available at a later date.

Dr. Jack Kay and Dr. Terrence Russell wrote the summary and comment on the following pages. Terrence Russell, Sandy Schowgurow, and Nguyen Bailey of ACS Statistical Services prepared this report.

Bob Jones, Manager
Statistical Services

Summary and Comment

Dr. Jack G. Kay and Dr. Terrence Russell*

Employment and Unemployment

The overall unemployment rate among chemists has dropped from 2.2% in March, 1983 to 1.7% in 1984, still above the historic lows of 1979, 1980 and 1981 when the rate was around 1%. Each tenth of a percentage point represents approximately 90 ACS members in the U.S. work force.

Unemployment rates were not uniform for all chemists. Generally speaking, unemployment rates were higher for those who had the B.S. as the highest degree and were age 30 or younger (3.1% unemployed). Older chemists and those with the PhD were less likely to be unemployed.

While the level of unemployment fell, the percent of unemployed chemists experiencing long periods of unemployment increased. In 1983, 39.8% of those who were unemployed on March 1 were unemployed for 8 months or more. In 1984 44.1% had similar periods of unemployment. Differences in the duration of unemployment were most striking among geographic regions. In the east south-central states (Kentucky, Tennessee, Mississippi, and Alabama) 60% of those unemployed were out of work for eight months or more, while in New England and the Pacific coast states, the comparable figures were 14% and 23%.

Unemployment rates were higher for women chemists (2.6%) than for men (1.6%). Differences can be partially accounted for by the larger percentage of women in the sample who are under 35 (48.9% compared to 24.2% of the men) and hold the B.S. as the highest degree (37.2% compared to 23.9% of the men). Women chemists aged 35 and over had slightly lower unemployment rates than men in that age group (1.2% vs 1.4%), but much higher percentages of women in that group reported part-time employment (6.4% vs 1.6%).

Although a smaller percentage of both men and women held postdoctoral fellowships in 1984 than in 1983, a larger overall percentage of women held postdoctoral positions than did men (3.5% vs 2.8%). In the 25 to 30 age group the men's percentage was higher (10.4% vs 5.0%) but in the 30 to 35 age group, the women's percentage was higher (7.7% vs 4.7%), suggesting that these women PhDs are substituting longer postdoctoral fellowships for permanent employment.

*Dr. Kay is professor and head of chemistry at Drexel University and is a member of the ACS Committee on Economic Status.

Dr. Russell is staff associate at the ACS Office of Statistical Services.

Increased full time employment for women chemists may signal a partial victory for affirmative action, but such is not the case for minority chemists, whose unemployment rate in 1984 was 3.2%, only slightly changed from 3.3% in 1983. Full time employment for minority chemists actually was down from its 1983 level (87.7% vs 88.8%). For minority women, the rate of full time employment was 82.9%, a slightly lower figure than for 1983 (84.4%). For minority men, it was down from 89.6% last year to 88.9% this year. More minority chemists held postdoctoral positions (8.3% this year vs 6.0% last year) while part-time employment for minorities dropped from 1.5% to 0.8%.

Recruiting

Reflecting the modest improvement in the employment picture, the recruitment of recent graduates also increased during the past year.

ACS's second spring survey of PhD granting departments conducted in April, 1984 indicated that the recruitment of new PhDs into permanent positions was up slightly from April 1983 (48.6% vs 46.7%) with slight drops in the percentages of those who accepted postdoctoral or temporary positions (38.3% vs 39.2%) or who were still seeking employment (13.1% vs 13.3%).

The College Placement Council's CPC Salary Survey issued July, 1984 showed an increase in the number of offers made during the 1983-84 academic year as compared to 1982-83. Chemical engineering graduates had 81% more offers (2,096 vs 1156) and offers to B.S. chemists increased 31.3% (198 vs 147). Among new PhDs, increases reported were 31.7% (282 vs 214) for chemists and 101% (163 vs 81) for chemical engineers.

Also encouraging is an increase in the volume of help wanted advertisements reported by Chemical and Engineering News. Comparing the second quarter of 1984 with that of 1983, C&EN showed a 77% increase, suggesting that the improving trend in employment captured in this survey in March, 1984 will continue.

Salaries

Median salaries reported in the survey reflect the modest gains of the 1983-1984 economic recovery. Although the March 1983-84 increase in the consumer price index was less than in recent years (somewhat under 5.0%) PhD chemists' overall median salaries increased approximately 5.5% (to \$42,000) while master's and bachelor's degree chemists reported increases of 3% to \$34,000 and \$30,900 respectively. Overall, only PhD's increases represented an increase in constant dollars. Given these small increases, it is difficult to find dramatic differences in increase among geographic regions or employment sectors, although PhDs in industrial jobs fared slightly better than their academic colleagues with a 5.6% increase compared to 4.7% in academia. The median salary of all industrial PhDs was \$47,200, that of all academic PhDs, \$35,000, although large differences exist among chemists of varying seniority, academic rank and academic assignment (teaching, research or administration).

Salary differences between men and women shown in past editions of this survey report persist although the gap between salaries for men and women chemists is narrowing, especially for PhDs. Age-adjusted average industrial and government salaries for women PhDs is now 92% of those of men, while academic women's age-adjusted average salary is 82% of that of men. Most of the difference represents differentials between managerial and administrative salaries on the one hand and research and teaching salaries on the other. As in earlier years, few women PhDs report managerial or administrative positions.

A final note. This edition of the ACS Salaries series presents a new arrangement of tables, increasing the number presenting information on academics and reorganizing the tables concerned with industrial chemists. If you have comments or suggestions to make concerning this format, please contact Terrence Russell at the ACS Office of Statistical Services.

LIST OF TABLES

page

SALARIES ON MARCH 1, 1984

NON-ACADEMIC CHEMISTS

| | | |
|---|-------|----|
| Highest Degree-----Years since the BS----- | 1.1.0 | 14 |
| Men----- | 1.1.1 | 15 |
| Women----- | 1.1.2 | 16 |
| Type of Employer-----Years since the BS for: | | |
| Bachelors----- | 1.2.1 | 17 |
| Masters----- | 1.2.2 | 18 |
| Doctorate----- | 1.2.3 | 19 |
| Selected States-----Years since the BS for: | | |
| Bachelors----- | 1.3.1 | 20 |
| Masters----- | 1.3.2 | 21 |
| Doctorate----- | 1.3.3 | 22 |
| Selected Local Sections-----Years since the BS for: | | |
| Bachelors----- | 1.4.1 | 23 |
| Masters----- | 1.4.2 | 24 |
| Doctorate----- | 1.4.3 | 25 |

INDUSTRIAL CHEMISTS

| | | |
|---|---------|----|
| Highest Degree-----Years since the BS----- | 2.1.0 | 26 |
| Men----- | 2.1.1 | 27 |
| Women----- | 2.1.2 | 28 |
| Bachelor's Degree Holders | | |
| Years since the B.S. and: | | |
| Work Specialty----- | 2.2.1 | 29 |
| Men----- | 2.2.1.1 | 30 |
| Women----- | 2.2.1.2 | 31 |
| Work Function----- | 2.2.2 | 32 |
| Men----- | 2.2.2.1 | 33 |
| Women----- | 2.2.2.2 | 34 |
| Number of Professional and Technical Subordinates-- | 2.2.3 | 35 |
| Total Number of Subordinates----- | 2.2.4 | 36 |
| Type of Employer----- | 2.2.5 | 37 |
| Geographic Region----- | 2.2.6 | 38 |

Master's degree holders

| | | |
|---|------------|------------|
| Years since the BS and: | | |
| Work Specialty----- | 2.3.1 | 39 |
| | Men----- | 2.3.1.1 40 |
| | Women----- | 2.3.1.2 41 |
| Work Function----- | 2.3.2 | 42 |
| | Men----- | 2.3.2.1 43 |
| | Women----- | 2.3.2.2 44 |
| Number of Professional and Technical Subordinates-- | 2.3.3 | 45 |
| Total Number of Subordinates----- | 2.3.4 | 46 |
| Type of Employer ----- | 2.3.5 | 47 |
| Geographic Region----- | 2.3.6 | 48 |

Ph.D. degree holders

| | | |
|---|-------------|------------|
| Years since the BS and: | | |
| Work Specialty----- | 2.4.1 | 49 |
| | Men ----- | 2.4.1.1 50 |
| | Women ----- | 2.4.1.2 51 |
| Work Function----- | 2.4.2 | 52 |
| | Men ----- | 2.4.2.1 53 |
| | Women ----- | 2.4.2.2 54 |
| Number of Professional and Technical Subordinates-- | 2.4.3 | 55 |
| Total Number of Subordinates----- | 2.4.4 | 56 |
| Type of Employer ----- | 2.4.5 | 57 |
| Geographic Region----- | 2.4.6 | 58 |

GOVERNMENTAL CHEMISTS

| | | |
|--------------------|-------------------------|----------|
| Work Function----- | Years since the BS for: | |
| | Bachelors----- | 3.1.1 59 |
| | Masters----- | 3.1.2 60 |
| | Doctorate----- | 3.1.3 61 |

ACADEMIC CHEMISTS

All Academic Ranks

Academic Rank and:

| | | |
|--------------------------|-------|----|
| Geographic Region----- | 4.1.1 | 62 |
| Highest Degree----- | 4.1.2 | 63 |
| Academic Assignment----- | 4.1.3 | 64 |

Instructors or Other Non-tenure Track Rank

Years since the BS and:

| | | |
|--------------------------|-------|----|
| Chemical Specialty----- | 4.2.1 | 65 |
| Type of Institution----- | 4.2.2 | 66 |
| Sex of Respondent----- | 4.2.3 | 67 |

Assistant Professors

Years since the BS and:

| | | |
|--------------------------|-------|----|
| Chemistry Specialty----- | 4.3.1 | 68 |
| Type of Institution----- | 4.3.2 | 69 |
| Sex of Respondent----- | 4.3.3 | 70 |

Associate Professors

Years since the BS and:

| | | |
|--------------------------|-------|----|
| Chemistry Specialty----- | 4.4.1 | 71 |
| Type of Institution----- | 4.4.2 | 72 |
| Sex of Respondent----- | 4.4.3 | 73 |

Professors

Years since the BS and:

| | | |
|--------------------------|-------|----|
| Chemistry Specialty----- | 4.5.1 | 74 |
| Type of Institution----- | 4.5.2 | 75 |
| Sex of Respondent----- | 4.5.3 | 76 |

NON-ACADEMIC CHEMICAL ENGINEERS

| | | | |
|---------------------|-------------------------|-------|----|
| Highest Degree----- | Years since the BS----- | 5.1.0 | 77 |
|---------------------|-------------------------|-------|----|

STIPENDS OF POST-DOCTORAL FELLOWS IN CHEMISTRY

| | | |
|--------------------------|-------|----|
| Type of Institution and: | | |
| Chemistry Specialty----- | 6.1.0 | 78 |
| Years since the BS----- | 6.2.0 | 79 |

EMPLOYMENT AND UNEMPLOYMENT ON MARCH 1, 1984

ALL RESPONDENTS

| | | |
|--|-------|----|
| Employment Status according to Work Field----- | 7.1.0 | 80 |
|--|-------|----|

CHEMISTS

| | | |
|---------------------------------|-------|----|
| Employment Status according to: | | |
| Highest Degree----- | 8.1.0 | 81 |
| Men----- | 8.1.1 | 82 |
| Women----- | 8.1.2 | 83 |
| Age----- | 8.2.0 | 84 |
| Race/Ethnicity----- | 8.3.0 | 85 |
| Citizenship ----- | 8.4.0 | 86 |
| Type of Employer ----- | 8.5.0 | 87 |
| Non-academic---- | 8.5.1 | 88 |
| Academic ----- | 8.5.2 | 89 |
| Work Function----- | 8.6.0 | 90 |
| Work Specialty----- | 8.7.0 | 91 |
| Geographic Region----- | 8.8.0 | 92 |

UNEMPLOYED CHEMISTS

| | | |
|--------------------------------------|-------|----|
| Length of Unemployment according to: | | |
| Highest Degree----- | 9.1.0 | 93 |
| Men----- | 9.1.1 | 94 |
| Women----- | 9.1.2 | 95 |
| Age----- | 9.2.0 | 96 |
| Non-Academic Work Function----- | 9.3.0 | 97 |
| Work Specialty----- | 9.4.0 | 98 |
| Geographic Region----- | 9.5.0 | 99 |

DEMOGRAPHIC CHARACTERISTICSALL RESPONDENTS

Highest Degree according to:

| | | |
|---------------------|--------|-----|
| Sex----- | 10.1.0 | 100 |
| Age ----- | 10.2.0 | 101 |
| Men----- | 10.2.1 | 102 |
| Women----- | 10.2.2 | 103 |
| Work Specialty----- | 10.3.0 | 104 |
| Race/Ethnicity----- | 10.4.0 | 105 |

Race/Ethnicity according to:

| | | |
|------------------|--------|-----|
| Sex----- | 10.5.0 | 106 |
| Citizenship----- | 10.6.0 | 107 |

Selected Local Sections according to:

| | | |
|------------------------|---------|-----|
| Work Specialty----- | 10.7.0 | 108 |
| Employment Status----- | 10.8.0 | 109 |
| Sex----- | 10.9.0 | 110 |
| Age----- | 10.10.0 | 111 |
| Highest Degree----- | 10.11.0 | 112 |

POST-DOCTORAL RESPONDENTS

Race/Ethnicity according to:

| | | |
|--------------------------|--------|-----|
| Type of Institution----- | 11.1.0 | 113 |
| Citizenship----- | 11.2.0 | 114 |

TECHNICAL NOTES

The target population of the 1984 Comprehensive Salary and Employment Status Survey was those ACS members who had U.S. mailing addresses, were not older than 70, and had neither student nor emeritus status. On January 31, 1984 the ACS membership totalled 125,395, of which approximately 88,000 were eligible for inclusion in the sample. A systematic sample of 22,000 was selected from the target population.

The survey questionnaires were mailed to this sample of 22,000 members by bulk mail during the week of February 20-24. By the May 15 cut-off date, 10,644 (48.4%) usable questionnaires had been returned.

The survey data were processed on the Alpha-Micro computer at the ACS Statistical Services. Computer programs for the processing were written by Harry Foxwell, Bob Jones, and Sandy Schowgurow.

Definitions

For the purposes of the survey analysis only, the following definitions were used:

- Chemist: a respondent who indicated a work specialty of chemistry or biochemistry (categories 2 through 12 of question A on the questionnaire).
- Chemical Engineer: a respondent who indicated a work specialty of chemical engineering (category 1 of question A on the questionnaire).
- Unemployed: a respondent who is unemployed and seeking employment (category 3 of question B on the questionnaire).

This report represents the respondents' principal annual salaries as of March 1, 1984. The respondent's age is given as of March 1, 1984. A respondent's state and geographic region refer to place of residence rather than place of employment.

Proportions

The proportion of people falling within a certain cell in one of the tables is a sample proportion. The sample proportion is used to make statements about the corresponding population proportion, but, of course, the sample proportion generally is not exactly equal to the population proportion. A useful estimate of the representiveness of the sample proportion is the confidence interval. Such an interval estimate is illustrated in the following statement: "We assert with 95% confidence that the population proportion is between 0.04 and 0.06." A simple but adequate formula for a confidence interval centered on the sample proportion is

$$p(\text{lower}) = \hat{p} - z[\hat{p}(1-\hat{p})/n]^{1/2}$$

$$\text{and } p(\text{upper}) = \hat{p} + z[\hat{p}(1-\hat{p})/n]^{1/2}$$

where $p(\text{lower})$ = lower boundary of the interval
 $p(\text{upper})$ = upper boundary of the interval
 \hat{p} = the sample proportion
 z = a function of the level of confidence
and is found in a table of the
standard normal distribution.
 n = the sample size

Inspection of the formula shows that the width of the confidence interval is inversely proportional to the square root of the sample size, so that proportions derived from small samples are not as precise as ones drawn from large samples. Also, if non-respondents differ from respondents with regard to the characteristics under consideration, the formula will overstate precision because the formula is based on assumption of 100% response.

Suppose a confidence interval is required for a group containing 1900 sample members. If the sample contains 95 persons with a specific characteristic, then the numbers that go into the formula are $p=95/1900=0.05$ and $n=1900$. For a 95% confidence interval, z is about 2. Putting these numbers into the formula above we have

$$p(\text{lower}) = \hat{p} - z[\hat{p}(1-\hat{p})/n]^{1/2}$$

$$= 0.05 - 2[0.05(0.95)/1900]^{1/2}$$

$$= 0.05 - 0.01$$

$$= 0.04$$

$$\text{and similarly, } p(\text{upper}) = 0.05 + 0.01$$

$$= 0.06$$

Thus, a 95% confidence interval for p is from 4.0% to 6.0%. Although we cannot say that the population proportion is exactly 5.0%, we can be confident that it is between 4.0% and 6.0%. The 95% level of confidence means roughly that if this procedure were followed a large number of times using different samples of the same size, the population proportion would be within the calculated interval about 95% of the time.

Small Cell Counts

If the number of responses in a cell of a salary table is small, then the sample salary statistics for that cell may not accurately estimate the corresponding population salary statistics. In general, a cell containing fewer than 15 responses does not provide a useful estimate of the median salary, and a cell containing fewer than 25 responses does not provide a useful estimate of the 25th or the 75th salary percentile.

Percentiles

If a sample of size n is arranged in ascending order of magnitude, the j th percentile P_j , $j = 1, 2, \dots, 99$ is given by the $(j(n+1)/100)$ th value. If $(j(n+1)/100)$ is not an integer, then the j th percentile is a weighted average of the two values whose ranks are closest to $(j(n+1)/100)$.

Discrepancies Among Tables

Some pairs of tables contain totals that should be identical but are not. For example, two tables that present information about PhD respondents should show the same total number of PhDs. They might, however, show different totals. To illustrate, if one table groups the PhDs according to specialty and the other groups them according to geographic region, the totals will differ unless the number who did not indicate their specialty is the same as the number who did not indicate their geographic region.

Comparing Salaries

Often questions arise concerning B.S. chemists' salaries as compared with M.S. chemists', or chemists' salaries as compared with chemical engineers'. These and similar comparisons require caution.

Statistical tests should be performed to determine whether observed differences in salaries of various sample groups could be mere chance occurrences resulting from peculiarities of the sample. Whether a difference in salaries is "statistically significant" depends not only on the magnitude of the difference but also on the sample size and the magnitudes of the sample standard deviations.

References for statistical tests of significance can be found in Numerical and Statistical Techniques, by J. H. Pollard, Handbook of Tables for Probability and Statistics, published by the Chemical Rubber Company, and other similar texts.

Non-Response to Geographic Region

Nearly eighteen percent of all respondents did not indicate their state of residence, the question on which analysis of geographic region was based. Tables which display respondents' geographic region will show a non-response rate of approximately eighteen percent, however analysis of respondents and non-respondents to this item show no other differences among the characteristics of these two groups.

GEOGRAPHIC REGIONS

PACIFIC

Alaska
California
Hawaii
Oregon
Washington

MOUNTAIN

Arizona
Colorado
Idaho
Montana
Nevada
New Mexico
Utah
Wyoming

WEST NORTH CENTRAL

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

WEST SOUTH CENTRAL

Arkansas
Louisiana
Oklahoma
Texas

EAST NORTH CENTRAL

Illinois
Indiana
Michigan
Ohio
Wisconsin

EAST SOUTH CENTRAL

Alabama
Kentucky
Mississippi
Tennessee

MIDDLE ATLANTIC

New Jersey
New York
Pennsylvania

SOUTH ATLANTIC

Delaware
District of Columbia
Florida
Georgia
Maryland
North Carolina
South Carolina
Virginia
West Virginia

NEW ENGLAND

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

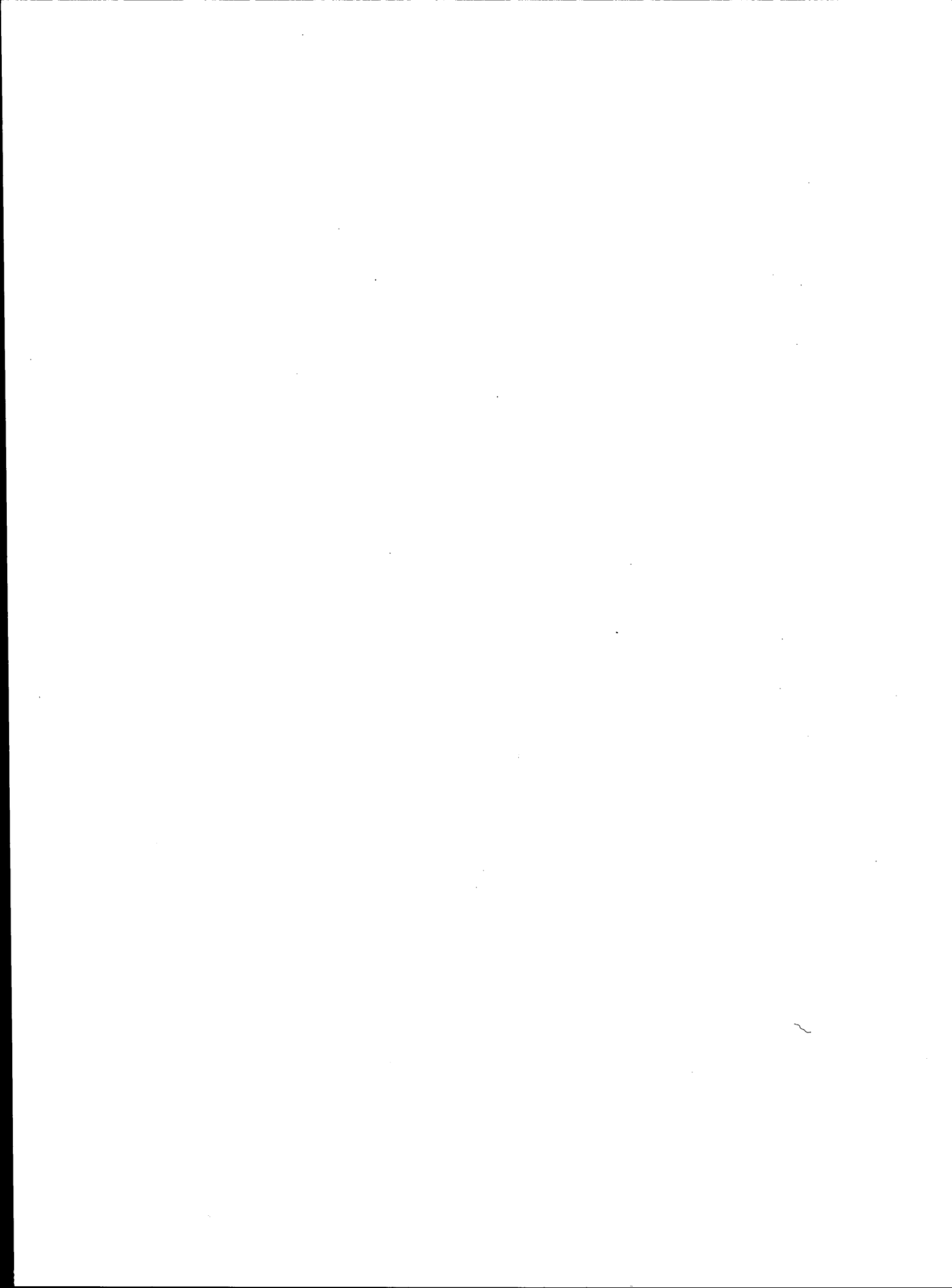


Table 1.1.1

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC CHEMISTS - MEN Only
by DEGREE and YEARS SINCE BS
1984 Survey of ACS Members

| HIGHEST DEGREE | YEARS SINCE BS | | | | | | | | | | | TOTAL |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >40 | No Resp | |
| Bachelors | 24,175 | 26,900 | 31,000 | 38,750 | 43,000 | 47,000 | 55,500 | 52,680 | 50,125 | 60,375 | 49,400 | 43,000 |
| | 20,394 | 23,000 | 26,716 | 33,000 | 37,500 | 40,000 | 43,000 | 45,000 | 40,000 | 46,500 | 37,500 | 33,000 |
| | 17,410 | 20,000 | 24,000 | 27,600 | 32,000 | 34,000 | 35,133 | 37,100 | 32,750 | 33,500 | 33,000 | 25,800 |
| | 20,987 | 23,521 | 27,842 | 33,732 | 38,800 | 40,925 | 45,341 | 46,059 | 43,858 | 50,388 | 42,278 | 35,958 |
| | 4,973 | 5,450 | 6,125 | 8,315 | 11,928 | 10,518 | 13,508 | 13,446 | 17,173 | 19,976 | 13,361 | 14,022 |
| | 38 | 173 | 271 | 209 | 139 | 103 | 109 | 169 | 90 | 68 | 9 | 1,378 |
| Masters | --- | 30,278 | 33,000 | 40,000 | 45,000 | 54,875 | 51,000 | 60,575 | 56,750 | 52,860 | 55,000 | 47,420 |
| | --- | 25,900 | 29,760 | 34,000 | 39,000 | 45,000 | 44,000 | 47,210 | 48,000 | 47,450 | 47,000 | 38,000 |
| | --- | 23,500 | 25,000 | 30,000 | 33,385 | 36,485 | 37,750 | 37,750 | 41,000 | 39,450 | 37,400 | 31,000 |
| | --- | 27,010 | 29,699 | 35,239 | 40,430 | 45,625 | 44,236 | 50,486 | 49,613 | 49,907 | 48,763 | 40,553 |
| | --- | 5,106 | 5,787 | 7,914 | 10,812 | 12,076 | 11,069 | 16,986 | 14,234 | 18,961 | 16,318 | 13,710 |
| | 0 | 25 | 143 | 202 | 139 | 92 | 70 | 106 | 76 | 34 | 24 | 911 |
| Doctorate | --- | --- | 38,560 | 45,000 | 52,000 | 60,100 | 61,000 | 65,000 | 69,210 | 66,000 | 63,000 | 57,000 |
| | 20,500 | --- | 36,000 | 40,600 | 45,000 | 50,500 | 52,000 | 55,000 | 56,000 | 58,500 | 46,350 | 47,000 |
| | --- | --- | 33,800 | 36,500 | 39,000 | 43,400 | 45,000 | 45,896 | 47,750 | 49,621 | 37,425 | 39,475 |
| | 20,500 | --- | 36,265 | 41,403 | 46,591 | 53,159 | 53,607 | 56,660 | 58,571 | 58,920 | 50,976 | 49,388 |
| | --- | --- | 4,424 | 7,282 | 10,810 | 14,124 | 12,658 | 15,328 | 16,390 | 16,216 | 16,201 | 14,161 |
| | 1 | 0 | 221 | 377 | 439 | 379 | 275 | 257 | 153 | 128 | 52 | 2,282 |
| TOTAL | 24,000 | 27,200 | 36,000 | 43,000 | 50,000 | 57,395 | 59,000 | 60,000 | 63,000 | 65,000 | 60,150 | 51,500 |
| | 20,400 | 23,700 | 31,000 | 37,450 | 42,000 | 48,000 | 49,675 | 50,000 | 50,000 | 52,250 | 46,000 | 41,220 |
| | 17,500 | 20,577 | 26,000 | 32,000 | 36,300 | 40,145 | 42,000 | 41,000 | 40,000 | 43,000 | 37,150 | 33,000 |
| | 20,975 | 23,961 | 31,192 | 37,788 | 43,886 | 49,756 | 50,178 | 52,062 | 52,286 | 55,065 | 49,430 | 43,578 |
| | 4,907 | 5,519 | 6,674 | 8,479 | 11,544 | 14,102 | 13,315 | 15,803 | 17,307 | 18,252 | 16,011 | 15,262 |
| | 39 | 198 | 635 | 788 | 717 | 574 | 454 | 532 | 319 | 230 | 85 | 4,571 |

- 75th %ile
- 50th %ile
- 25th %ile
- Mean
- Std Dev
- Count

Table 1.1.2

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC CHEMISTS - WOMEN Only

by DEGREE and YEARS SINCE BS

1984 Survey of ACS Members

| HIGHEST DEGREE | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | No Resp | |
| Bachelors | 22,520 | 25,500 | 29,000 | 32,875 | 39,200 | 39,875 | 46,000 | 45,750 | 47,420 | 85,750 | --- | 31,000 | - 75th %ile |
| | 20,000 | 22,200 | 24,500 | 28,500 | 33,500 | 33,221 | 36,000 | 37,500 | 40,000 | 54,500 | --- | 25,428 | - 50th %ile |
| | 16,750 | 19,824 | 21,000 | 25,552 | 28,507 | 28,575 | 31,500 | 30,300 | 33,198 | 44,250 | --- | 21,025 | - 25th %ile |
| | 19,797 | 22,517 | 25,115 | 28,997 | 32,496 | 36,524 | 38,639 | 38,122 | 41,492 | 61,500 | --- | 27,469 | - Mean |
| | 4,608 | 4,630 | 5,786 | 5,180 | 7,293 | 14,418 | 9,134 | 10,266 | 13,584 | 23,274 | --- | 10,050 | - Std Dev |
| | 29 | 107 | 123 | 29 | 24 | 22 | 15 | 18 | 13 | 4 | 0 | 384 | - Count |
| Masters | --- | 27,475 | 31,250 | 32,075 | 41,100 | 37,000 | 40,972 | 41,880 | 56,000 | 48,000 | 42,000 | 35,000 | |
| | --- | 25,720 | 27,000 | 30,000 | 34,000 | 29,000 | 35,000 | 39,500 | 27,872 | 30,200 | 34,000 | 30,000 | |
| | --- | 20,349 | 22,900 | 26,375 | 27,200 | 25,250 | 26,000 | 32,000 | 19,356 | 24,000 | 28,500 | 25,400 | |
| | --- | 24,011 | 27,188 | 29,544 | 36,446 | 30,602 | 33,476 | 38,839 | 34,409 | 34,840 | 36,982 | 31,140 | |
| | --- | 5,387 | 5,422 | 5,190 | 12,539 | 7,162 | 7,762 | 10,659 | 19,177 | 12,379 | 12,396 | 9,105 | |
| | 0 | 10 | 46 | 46 | 25 | 17 | 11 | 11 | 3 | 5 | 11 | 185 | |
| Doctorate | --- | --- | 38,200 | 44,000 | 47,675 | 47,000 | 50,699 | 62,500 | 52,519 | 72,642 | 39,000 | 45,000 | |
| | --- | --- | 35,400 | 38,000 | 40,500 | 36,000 | 43,000 | 44,207 | 41,250 | 61,900 | 31,400 | 38,562 | |
| | --- | --- | 32,000 | 35,000 | 36,850 | 31,415 | 30,964 | 32,500 | 34,500 | 47,769 | 27,000 | 33,441 | |
| | --- | --- | 35,370 | 38,019 | 41,636 | 37,383 | 41,481 | 48,606 | 45,754 | 60,544 | 33,629 | 40,034 | |
| | --- | --- | 6,313 | 7,904 | 10,155 | 10,958 | 12,538 | 18,647 | 17,730 | 15,348 | 13,428 | 11,686 | |
| | 0 | 0 | 35 | 55 | 46 | 19 | 9 | 17 | 6 | 5 | 7 | 199 | |
| TOTAL | 22,520 | 25,800 | 31,000 | 37,888 | 43,000 | 40,000 | 43,000 | 48,250 | 47,210 | 62,082 | 40,500 | 37,066 | |
| | 20,000 | 22,500 | 27,000 | 32,400 | 39,000 | 33,000 | 36,000 | 40,000 | 40,000 | 50,500 | 33,800 | 30,000 | |
| | 16,750 | 19,912 | 22,350 | 27,180 | 30,800 | 27,750 | 29,928 | 32,000 | 32,849 | 37,550 | 27,000 | 24,000 | |
| | 19,797 | 22,645 | 27,342 | 33,007 | 37,961 | 35,070 | 37,747 | 42,168 | 41,688 | 51,637 | 35,678 | 31,609 | |
| | 4,608 | 4,692 | 6,887 | 7,744 | 10,834 | 11,724 | 9,950 | 14,615 | 15,087 | 20,337 | 12,524 | 11,516 | |
| | 29 | 117 | 204 | 130 | 95 | 58 | 35 | 46 | 22 | 14 | 18 | 768 | |

Table 1.2.1

SALARIES OF FULL-TIME EMPLOYED NON-ACADEMIC B.S. CHEMISTS
according to YEARS SINCE B.S. and EMPLOYER TYPE
1984 Survey of ACS Members

| EMPLOYER TYPE | YEARS SINCE BS | | | | | | | | | | | TOTAL | |
|---------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | No Resp | | |
| Industry | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | - 75th %ile |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | - 50th %ile |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | - 25th %ile |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | - Mean |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | - Std Dev |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | - Count |
| Government | 18,535 | 23,700 | 26,450 | 35,000 | 35,475 | 43,150 | 41,075 | 44,460 | 36,750 | 51,375 | --- | 36,490 | |
| | 16,069 | 19,500 | 24,000 | 30,000 | 29,136 | 37,000 | 35,265 | 41,250 | 29,000 | 43,500 | 31,100 | 28,750 | |
| | 14,250 | 14,975 | 20,000 | 25,453 | 25,475 | 30,000 | 29,500 | 30,199 | 27,687 | 30,500 | --- | 23,000 | |
| | 16,285 | 19,791 | 23,837 | 30,844 | 30,448 | 36,711 | 35,653 | 38,964 | 33,425 | 40,336 | 31,100 | 30,350 | |
| | 2,234 | 5,133 | 4,818 | 7,017 | 5,954 | 8,491 | 8,299 | 10,255 | 9,097 | 12,552 | 8,627 | 9,774 | |
| | 4 | 22 | 44 | 38 | 20 | 25 | 21 | 18 | 9 | 10 | 2 | 213 | |
| Other | 18,800 | 23,775 | 26,537 | 42,000 | 39,450 | 70,000 | 90,000 | 47,500 | 45,000 | 95,000 | --- | 35,000 | |
| | 14,500 | 21,200 | 24,000 | 32,000 | 35,800 | 43,000 | 51,000 | 39,830 | 24,000 | 50,000 | --- | 26,000 | |
| | 11,400 | 16,640 | 21,250 | 26,200 | 28,808 | 23,634 | 29,250 | 30,750 | 20,000 | 35,000 | --- | 21,100 | |
| | 15,029 | 21,395 | 23,928 | 33,397 | 35,938 | 45,276 | 57,900 | 38,066 | 29,667 | 60,000 | --- | 30,580 | |
| | 4,221 | 5,422 | 4,151 | 8,701 | 9,290 | 25,404 | 31,536 | 12,301 | 13,429 | 31,225 | --- | 15,949 | |
| | 7 | 23 | 28 | 15 | 12 | 7 | 5 | 10 | 3 | 3 | 0 | 113 | |
| TOTAL | 23,800 | 26,000 | 30,000 | 38,000 | 41,625 | 47,000 | 55,000 | 52,500 | 50,375 | 60,000 | 47,700 | 40,800 | |
| | 20,200 | 23,000 | 26,000 | 32,500 | 36,550 | 38,640 | 42,500 | 45,000 | 40,000 | 47,600 | 37,350 | 31,000 | |
| | 17,000 | 20,000 | 22,896 | 27,000 | 30,853 | 32,520 | 35,000 | 36,100 | 33,625 | 35,000 | 33,500 | 24,370 | |
| | 20,472 | 23,177 | 26,912 | 33,242 | 37,824 | 40,284 | 45,139 | 45,404 | 44,248 | 50,610 | 41,550 | 34,279 | |
| | 4,819 | 5,165 | 6,196 | 8,291 | 11,543 | 11,634 | 14,018 | 13,326 | 16,920 | 20,021 | 12,806 | 13,890 | |
| | 67 | 283 | 403 | 243 | 170 | 127 | 131 | 191 | 108 | 75 | 10 | 1,808 | |

Table 1.2.2

SALARIES OF FULL-TIME EMPLOYED NON-ACADEMIC M.S. CHEMISTS
according to YEARS SINCE B.S. and EMPLOYER TYPE
1984 Survey of ACS Members

| EMPLOYER TYPE | YEARS SINCE BS | | | | | | | | | | | TOTAL | 75th %ile | 50th %ile | 25th %ile | Mean | Std Dev | Count |
|---------------------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-----------|-----------|-----------|------|---------|-------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | No Resp | | | | | | | |
| Industry | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | --- | --- | --- | --- | --- | --- |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | --- | --- | --- | --- | --- | --- |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | --- | --- | --- | --- | --- | --- |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | --- | --- | --- | --- | --- | --- |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | --- | --- | --- | --- | --- | --- |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | --- | --- | --- | --- | --- | --- |
| Government | --- | --- | 28,000 | 33,625 | 37,575 | 39,000 | 43,993 | 49,999 | 53,000 | 64,067 | --- | 40,000 | --- | --- | --- | --- | --- | --- |
| | --- | 30,483 | 24,400 | 29,778 | 32,080 | 32,134 | 38,134 | 39,500 | 45,999 | 46,000 | 17,000 | 32,257 | --- | --- | --- | --- | --- | --- |
| | --- | --- | 20,750 | 26,375 | 26,875 | 26,500 | 27,745 | 35,500 | 30,000 | 21,500 | --- | 26,000 | --- | --- | --- | --- | --- | --- |
| | --- | 30,483 | 24,885 | 29,823 | 32,837 | 34,099 | 36,781 | 42,667 | 42,185 | 43,427 | 17,000 | 33,910 | --- | --- | --- | --- | --- | --- |
| | --- | 13,460 | 5,214 | 7,029 | 9,967 | 8,347 | 9,425 | 12,500 | 13,242 | 22,212 | --- | 11,145 | --- | --- | --- | --- | --- | --- |
| | 0 | 2 | 13 | 34 | 20 | 19 | 16 | 12 | 12 | 5 | 1 | 134 | --- | --- | --- | --- | --- | --- |
| Other Non-profit, Self-employed | --- | 36,000 | 27,700 | 40,000 | 48,625 | 39,000 | 50,000 | 60,050 | 72,000 | 52,250 | 54,000 | 45,750 | --- | --- | --- | --- | --- | --- |
| | --- | 18,500 | 25,000 | 32,000 | 41,190 | 36,000 | 42,700 | 43,150 | 63,000 | 44,750 | 40,000 | 37,000 | --- | --- | --- | --- | --- | --- |
| | --- | 12,000 | 22,000 | 26,000 | 36,000 | 26,000 | 24,000 | 34,000 | 48,000 | 33,250 | 33,000 | 26,250 | --- | --- | --- | --- | --- | --- |
| | --- | 22,167 | 25,518 | 33,943 | 43,108 | 33,200 | 39,029 | 42,850 | 57,857 | 43,250 | 42,333 | 37,861 | --- | --- | --- | --- | --- | --- |
| | --- | 12,413 | 5,971 | 11,912 | 14,995 | 7,950 | 11,554 | 17,756 | 13,680 | 12,156 | 10,693 | 14,734 | --- | --- | --- | --- | --- | --- |
| | 0 | 3 | 11 | 23 | 10 | 5 | 7 | 10 | 7 | 6 | 3 | 85 | --- | --- | --- | --- | --- | --- |
| TOTAL | --- | 28,000 | 32,900 | 39,072 | 45,000 | 50,040 | 49,500 | 60,000 | 57,125 | 51,700 | 53,500 | 45,200 | --- | --- | --- | --- | --- | --- |
| | --- | 25,900 | 28,800 | 33,400 | 39,000 | 43,000 | 43,000 | 45,000 | 48,000 | 46,000 | 41,900 | 36,000 | --- | --- | --- | --- | --- | --- |
| | --- | 23,000 | 25,000 | 29,000 | 32,600 | 34,000 | 36,250 | 37,000 | 40,630 | 38,650 | 33,150 | 30,000 | --- | --- | --- | --- | --- | --- |
| | --- | 26,153 | 29,079 | 34,284 | 39,786 | 43,227 | 43,017 | 49,334 | 49,498 | 48,684 | 44,586 | 39,059 | --- | --- | --- | --- | --- | --- |
| | --- | 5,289 | 5,811 | 7,946 | 10,964 | 12,568 | 11,118 | 16,773 | 14,719 | 19,026 | 16,027 | 13,538 | --- | --- | --- | --- | --- | --- |
| | 0 | 35 | 193 | 255 | 170 | 111 | 85 | 119 | 82 | 41 | 36 | 1,127 | --- | --- | --- | --- | --- | --- |

Table 1.3.1

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC B.S. CHEMISTS
by SELECTED STATES and YEARS SINCE BS
1984 Survey of ACS Members

| STATES | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| CALIFORNIA | --- | 26,475 | 33,000 | 40,000 | 50,000 | 45,250 | 52,000 | 60,675 | 40,000 | 87,000 | 47,700 | 41,000 | - 75th %ile |
| | 33,000 | 22,280 | 28,000 | 38,000 | 36,500 | 39,620 | 40,000 | 44,640 | 35,000 | 32,000 | 37,350 | 32,000 | - 50th %ile |
| | --- | 20,750 | 24,000 | 30,000 | 31,500 | 30,000 | 40,000 | 35,119 | 24,000 | 29,220 | 33,500 | 26,000 | - 25th %ile |
| | 33,000 | 23,319 | 28,929 | 36,374 | 40,436 | 40,096 | 47,143 | 47,996 | 33,000 | 49,407 | 41,550 | 35,518 | - Mean |
| | --- | 4,016 | 7,062 | 8,432 | 14,536 | 14,267 | 15,604 | 16,160 | 8,185 | 32,586 | 12,806 | 13,856 | - Std Dev |
| | 1 | 22 | 35 | 17 | 11 | 18 | 7 | 14 | 3 | 3 | 10 | 141 | - Count |
| TEXAS | 32,000 | 30,788 | 29,350 | 41,000 | 42,970 | 65,000 | 52,500 | 63,875 | 67,875 | --- | --- | 44,500 | |
| | 23,800 | 26,100 | 26,000 | 31,968 | 35,000 | 46,000 | 44,000 | 52,500 | 58,250 | 71,000 | --- | 32,000 | |
| | 21,000 | 23,625 | 23,250 | 24,100 | 28,204 | 32,220 | 29,500 | 38,500 | 36,500 | --- | --- | 25,173 | |
| | 25,600 | 26,879 | 27,594 | 33,312 | 37,018 | 47,327 | 41,600 | 52,835 | 54,000 | 71,000 | --- | 37,013 | |
| | 5,717 | 4,537 | 6,284 | 10,121 | 9,591 | 15,328 | 12,260 | 16,653 | 19,685 | --- | --- | 15,253 | |
| | 3 | 12 | 25 | 8 | 10 | 7 | 5 | 12 | 6 | 1 | 0 | 89 | |
| ILLINOIS | 19,400 | 27,025 | 32,750 | 39,500 | 40,250 | 41,750 | 61,500 | 49,500 | 88,500 | 85,000 | --- | 40,500 | |
| | 18,500 | 23,250 | 27,312 | 35,000 | 36,000 | 36,500 | 47,200 | 42,000 | 54,250 | 62,000 | --- | 31,000 | |
| | 16,375 | 20,075 | 22,900 | 28,500 | 28,875 | 33,485 | 33,250 | 34,000 | 31,775 | 44,000 | --- | 24,000 | |
| | 17,950 | 23,948 | 28,870 | 35,430 | 39,760 | 37,245 | 47,413 | 42,151 | 58,275 | 64,000 | --- | 35,934 | |
| | 1,984 | 5,191 | 8,622 | 10,515 | 19,911 | 4,356 | 13,741 | 11,158 | 29,621 | 25,140 | --- | 17,485 | |
| | 6 | 18 | 25 | 20 | 10 | 4 | 8 | 9 | 8 | 5 | 0 | 113 | |
| MICHIGAN | 23,550 | 28,060 | 30,420 | 34,000 | 45,500 | 39,250 | 45,200 | 50,000 | 44,500 | 59,600 | --- | 36,465 | |
| | 21,000 | 26,000 | 28,200 | 32,000 | 37,890 | 37,500 | 42,350 | 32,000 | 35,500 | 50,000 | --- | 30,210 | |
| | 18,375 | 23,688 | 25,200 | 30,400 | 31,700 | 35,325 | 36,000 | 28,000 | 29,350 | 24,600 | --- | 25,959 | |
| | 20,975 | 26,036 | 28,986 | 32,811 | 39,097 | 37,217 | 40,687 | 36,667 | 36,640 | 44,733 | --- | 32,248 | |
| | 2,817 | 2,942 | 6,287 | 4,049 | 8,219 | 2,363 | 6,046 | 11,719 | 10,167 | 18,085 | --- | 8,619 | |
| | 4 | 12 | 27 | 9 | 6 | 6 | 7 | 3 | 5 | 3 | 0 | 82 | |
| OHIO | --- | 26,655 | 30,000 | 48,125 | 53,500 | 42,750 | 48,500 | 46,525 | 42,000 | --- | --- | 41,300 | |
| | 20,400 | 24,000 | 25,040 | 35,650 | 43,000 | 32,520 | 42,050 | 43,600 | 33,800 | 45,000 | --- | 30,000 | |
| | --- | 21,600 | 22,500 | 24,583 | 33,350 | 24,140 | 36,000 | 39,520 | 30,500 | --- | --- | 24,000 | |
| | 20,400 | 23,999 | 26,517 | 37,381 | 43,340 | 32,660 | 40,885 | 41,158 | 36,178 | 45,000 | --- | 32,344 | |
| | --- | 3,911 | 6,050 | 13,545 | 11,137 | 10,984 | 8,243 | 8,381 | 7,767 | 12,728 | --- | 10,453 | |
| | 1 | 18 | 28 | 8 | 5 | 9 | 10 | 8 | 12 | 2 | 0 | 101 | |
| NEW JERSEY | 25,500 | 26,000 | 30,000 | 41,250 | 40,000 | 49,100 | 66,500 | 57,000 | 90,000 | 47,000 | --- | 42,000 | |
| | 22,000 | 22,000 | 27,300 | 32,750 | 35,000 | 38,500 | 48,000 | 42,200 | 43,500 | 43,200 | --- | 31,000 | |
| | 18,500 | 20,000 | 23,000 | 27,800 | 31,000 | 35,000 | 40,500 | 30,800 | 27,150 | 30,000 | --- | 24,250 | |
| | 22,020 | 24,139 | 26,683 | 33,544 | 36,438 | 43,014 | 54,506 | 42,177 | 52,564 | 39,600 | --- | 34,739 | |
| | 3,119 | 7,418 | 4,760 | 7,610 | 5,623 | 11,607 | 18,489 | 14,726 | 30,926 | 9,102 | --- | 14,888 | |
| | 7 | 19 | 29 | 16 | 11 | 11 | 9 | 13 | 7 | 7 | 0 | 129 | |
| NEW YORK | 27,575 | 28,500 | 33,500 | 41,850 | 48,500 | 58,000 | 60,175 | 58,350 | 60,000 | 61,500 | --- | 46,850 | |
| | 23,100 | 22,500 | 27,000 | 32,800 | 40,100 | 45,000 | 48,500 | 43,500 | 50,500 | 50,000 | --- | 35,000 | |
| | 18,850 | 17,000 | 23,750 | 31,250 | 38,500 | 27,150 | 37,200 | 35,500 | 35,000 | 28,400 | --- | 27,150 | |
| | 23,175 | 22,861 | 28,116 | 35,511 | 41,400 | 42,877 | 48,625 | 47,331 | 49,514 | 46,633 | --- | 37,742 | |
| | 4,507 | 7,088 | 6,310 | 6,991 | 11,552 | 14,668 | 12,594 | 14,161 | 14,982 | 16,805 | --- | 14,430 | |
| | 4 | 11 | 17 | 9 | 9 | 13 | 4 | 16 | 7 | 3 | 0 | 93 | |
| PENNSYLVANIA | 20,150 | 26,020 | 29,000 | 36,000 | 37,500 | 47,000 | 49,750 | 52,500 | 47,500 | 60,000 | --- | 40,000 | |
| | 19,450 | 24,000 | 24,700 | 33,146 | 36,000 | 33,000 | 41,000 | 45,000 | 40,000 | 43,000 | --- | 31,200 | |
| | 16,500 | 16,700 | 21,658 | 27,300 | 34,750 | 31,000 | 36,333 | 34,000 | 36,250 | 35,000 | --- | 24,528 | |
| | 18,700 | 22,584 | 24,873 | 33,837 | 37,937 | 37,143 | 42,734 | 43,250 | 40,650 | 43,571 | --- | 33,220 | |
| | 2,080 | 5,757 | 4,848 | 8,652 | 5,639 | 8,707 | 10,372 | 12,884 | 6,762 | 12,972 | --- | 11,716 | |
| | 4 | 21 | 27 | 16 | 13 | 7 | 9 | 19 | 8 | 7 | 0 | 131 | |
| OTHER | 23,470 | 25,000 | 29,500 | 37,000 | 41,500 | 47,795 | 56,750 | 51,500 | 49,500 | 62,375 | --- | 40,000 | |
| | 19,000 | 22,100 | 25,550 | 31,250 | 36,480 | 38,320 | 42,500 | 45,000 | 40,185 | 48,500 | --- | 30,000 | |
| | 15,875 | 19,000 | 22,063 | 26,040 | 30,000 | 34,000 | 33,250 | 37,350 | 34,000 | 36,885 | --- | 24,000 | |
| | 19,680 | 22,425 | 26,173 | 32,089 | 36,839 | 40,506 | 44,897 | 45,569 | 42,932 | 52,506 | --- | 33,755 | |
| | 5,096 | 4,911 | 5,862 | 7,699 | 11,715 | 10,427 | 14,972 | 12,674 | 13,627 | 21,152 | --- | 13,975 | |
| | 37 | 150 | 190 | 140 | 95 | 52 | 72 | 97 | 52 | 44 | 0 | 929 | |
| TOTAL | 23,800 | 26,000 | 30,000 | 38,000 | 41,625 | 47,000 | 55,000 | 52,500 | 50,375 | 60,000 | 47,700 | 40,800 | |
| | 20,200 | 23,000 | 26,000 | 32,500 | 36,550 | 38,640 | 42,500 | 45,000 | 40,000 | 47,000 | 37,350 | 31,000 | |
| | 17,000 | 20,000 | 22,896 | 27,000 | 30,853 | 32,520 | 35,000 | 36,100 | 33,625 | 35,000 | 33,500 | 24,370 | |
| | 20,472 | 23,177 | 26,912 | 33,242 | 37,824 | 40,284 | 45,139 | 45,404 | 44,248 | 50,610 | 41,550 | 34,279 | |
| | 4,819 | 5,165 | 6,196 | 8,291 | 11,543 | 11,634 | 14,018 | 13,326 | 16,920 | 20,021 | 12,806 | 13,890 | |
| | 67 | 283 | 403 | 243 | 170 | 127 | 131 | 191 | 108 | 75 | 10 | 1,808 | |

Table 1.3.2

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC M.S. CHEMISTS
by SELECTED STATES and YEARS SINCE BS
1984 Survey of ACS Members

| STATES | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| CALIFORNIA | --- | --- | 35,400 | 40,000 | 50,000 | 48,500 | 49,162 | 66,000 | 68,000 | 55,440 | 78,000 | 47,793 | - 75th %ile |
| | --- | 24,500 | 33,000 | 34,152 | 33,330 | 36,000 | 40,000 | 51,000 | 54,000 | 50,000 | 54,000 | 35,000 | - 50th %ile |
| | --- | --- | 30,000 | 29,400 | 30,000 | 29,250 | 30,800 | 32,604 | 38,675 | 34,000 | 50,000 | 30,000 | - 25th %ile |
| | --- | 24,500 | 32,237 | 36,968 | 39,011 | 38,300 | 39,985 | 49,868 | 53,470 | 46,480 | 60,667 | 39,025 | - Mean |
| | --- | 707 | 5,320 | 10,876 | 14,145 | 11,584 | 9,239 | 16,727 | 17,786 | 11,145 | 15,144 | 13,043 | - Std Dev |
| | 0 | 2 | 19 | 17 | 14 | 5 | 5 | 3 | 5 | 3 | 3 | 76 | - Count |
| TEXAS | --- | --- | 34,013 | 43,200 | 52,375 | 61,000 | 47,100 | 65,300 | 70,000 | --- | 55,000 | 48,000 | |
| | --- | 28,000 | 30,000 | 36,000 | 41,100 | 35,000 | 41,200 | 49,000 | 46,500 | --- | 48,000 | 40,000 | |
| | --- | --- | 28,890 | 32,278 | 26,850 | 31,000 | 34,235 | 38,500 | 38,250 | --- | 37,200 | 32,990 | |
| | --- | 28,000 | 30,935 | 35,856 | 43,032 | 42,333 | 40,845 | 52,511 | 52,333 | --- | 49,982 | 43,208 | |
| | --- | --- | 2,466 | 9,177 | 20,112 | 16,289 | 6,678 | 17,469 | 19,633 | --- | 18,027 | 16,244 | |
| | 0 | 1 | 6 | 15 | 10 | 3 | 4 | 9 | 6 | 0 | 11 | 65 | |
| ILLINOIS | --- | --- | 34,000 | 36,250 | 46,250 | 52,000 | 69,600 | 71,375 | 72,000 | --- | 51,400 | 45,500 | |
| | --- | 20,000 | 27,750 | 32,250 | 40,000 | 45,000 | 43,250 | 39,800 | 54,000 | 75,100 | 36,000 | 36,480 | |
| | --- | --- | 25,625 | 30,000 | 34,500 | 31,500 | 40,972 | 33,650 | 29,000 | --- | 27,000 | 30,500 | |
| | --- | 20,000 | 30,063 | 33,790 | 41,431 | 42,027 | 51,274 | 48,275 | 51,667 | 75,100 | 38,560 | 39,800 | |
| | --- | --- | 6,987 | 6,117 | 7,890 | 10,832 | 15,912 | 22,474 | 21,595 | --- | 14,065 | 13,338 | |
| | 0 | 1 | 8 | 12 | 13 | 7 | 3 | 4 | 3 | 1 | 5 | 57 | |
| MICHIGAN | --- | --- | 35,000 | 38,400 | 41,875 | 41,500 | 64,000 | 47,500 | 70,000 | --- | --- | 41,125 | |
| | --- | 26,450 | 31,500 | 34,000 | 37,000 | 32,076 | 45,000 | 38,825 | 57,500 | 35,950 | --- | 34,800 | |
| | --- | --- | 30,300 | 28,000 | 33,650 | 29,160 | 28,250 | 35,000 | 36,000 | --- | --- | 30,150 | |
| | --- | 26,450 | 32,178 | 34,963 | 37,850 | 34,350 | 45,750 | 40,942 | 54,500 | 35,950 | --- | 36,869 | |
| | --- | 354 | 4,500 | 8,480 | 4,843 | 5,500 | 18,679 | 7,011 | 17,197 | 15,486 | --- | 10,055 | |
| | 0 | 2 | 9 | 19 | 6 | 7 | 4 | 6 | 3 | 2 | 0 | 58 | |
| OHIO | --- | --- | 30,000 | 37,500 | 44,875 | 59,240 | 44,500 | 47,750 | 54,000 | 100,000 | --- | 45,000 | |
| | --- | 25,550 | 26,910 | 32,600 | 39,000 | 50,730 | 42,700 | 44,500 | 37,920 | 52,000 | 25,000 | 37,620 | |
| | --- | --- | 24,025 | 27,625 | 32,250 | 37,600 | 37,000 | 42,350 | 31,500 | 50,000 | --- | 28,450 | |
| | --- | 25,550 | 27,478 | 33,594 | 38,650 | 49,190 | 41,140 | 45,548 | 41,140 | 67,333 | 25,000 | 38,531 | |
| | --- | 495 | 4,618 | 6,810 | 10,777 | 11,433 | 3,930 | 4,989 | 11,590 | 28,308 | --- | 12,930 | |
| | 0 | 2 | 12 | 10 | 12 | 4 | 5 | 10 | 3 | 3 | 1 | 62 | |
| NEW JERSEY | --- | 25,500 | 33,325 | 43,450 | 60,250 | 55,000 | 53,500 | 70,000 | 52,000 | 50,000 | 51,750 | 50,000 | |
| | --- | 25,000 | 27,750 | 36,975 | 44,000 | 49,500 | 43,000 | 48,600 | 46,000 | 50,000 | 37,000 | 39,450 | |
| | --- | 23,000 | 25,650 | 29,900 | 36,300 | 44,500 | 35,500 | 34,100 | 42,100 | 40,500 | 29,375 | 30,400 | |
| | --- | 24,500 | 28,316 | 37,741 | 47,331 | 52,756 | 45,522 | 48,846 | 47,729 | 48,063 | 39,375 | 41,357 | |
| | --- | 1,323 | 5,821 | 8,733 | 14,326 | 15,160 | 12,126 | 21,331 | 8,891 | 12,588 | 11,884 | 14,779 | |
| | 0 | 3 | 20 | 26 | 13 | 9 | 9 | 13 | 7 | 8 | 4 | 112 | |
| NEW YORK | --- | --- | 34,200 | 38,500 | 42,700 | 57,000 | 48,975 | 60,000 | 54,000 | 93,300 | --- | 45,000 | |
| | --- | --- | 27,000 | 33,150 | 40,000 | 49,700 | 42,450 | 50,200 | 42,310 | 45,000 | 40,000 | 38,000 | |
| | --- | --- | 22,900 | 29,250 | 33,500 | 45,000 | 41,025 | 41,250 | 40,000 | 30,000 | --- | 30,000 | |
| | --- | --- | 28,037 | 33,206 | 39,300 | 51,171 | 44,150 | 50,611 | 47,437 | 58,320 | 40,000 | 39,887 | |
| | --- | --- | 5,842 | 5,567 | 8,239 | 7,231 | 4,655 | 10,855 | 13,877 | 33,130 | --- | 14,009 | |
| | 0 | 0 | 18 | 16 | 17 | 7 | 4 | 9 | 6 | 5 | 1 | 83 | |
| PENNSYLVANIA | --- | 30,555 | 32,200 | 39,500 | 45,000 | 47,000 | --- | 63,800 | 55,075 | --- | 72,000 | 42,000 | |
| | --- | 26,000 | 30,000 | 33,500 | 39,000 | 37,400 | 43,000 | 53,750 | 50,150 | --- | 34,000 | 33,100 | |
| | --- | 25,000 | 25,400 | 30,000 | 34,000 | 32,000 | --- | 32,000 | 33,750 | --- | 30,000 | 29,750 | |
| | --- | 28,428 | 28,970 | 34,274 | 38,771 | 39,117 | 43,000 | 50,213 | 46,325 | --- | 45,333 | 36,445 | |
| | --- | 5,899 | 5,593 | 6,800 | 8,006 | 6,661 | 1,414 | 16,327 | 12,004 | --- | 23,180 | 11,332 | |
| | 0 | 7 | 17 | 19 | 7 | 7 | 2 | 8 | 4 | 0 | 3 | 74 | |
| OTHER | --- | 30,500 | 31,195 | 37,000 | 42,475 | 50,010 | 51,000 | 58,500 | 57,450 | 49,700 | 49,000 | 45,000 | |
| | --- | 26,500 | 27,900 | 32,000 | 38,250 | 43,500 | 43,000 | 45,000 | 48,000 | 41,000 | 40,000 | 36,000 | |
| | --- | 20,983 | 25,000 | 28,000 | 32,000 | 33,000 | 35,000 | 36,750 | 40,960 | 39,300 | 34,250 | 29,000 | |
| | --- | 25,992 | 28,462 | 33,113 | 38,497 | 42,605 | 42,414 | 50,213 | 49,589 | 43,763 | 40,250 | 38,535 | |
| | --- | 6,351 | 6,094 | 7,620 | 9,486 | 13,046 | 11,774 | 18,522 | 15,210 | 14,685 | 12,245 | 13,574 | |
| | 0 | 17 | 84 | 121 | 78 | 62 | 49 | 57 | 45 | 19 | 8 | 540 | |
| TOTAL | --- | 28,000 | 32,900 | 39,072 | 45,000 | 50,040 | 49,500 | 60,000 | 57,125 | 51,700 | 53,500 | 45,200 | |
| | --- | 25,900 | 28,800 | 33,400 | 39,000 | 43,000 | 43,000 | 45,000 | 48,000 | 46,000 | 41,900 | 36,000 | |
| | --- | 23,000 | 25,000 | 29,000 | 32,600 | 34,000 | 36,250 | 37,000 | 40,630 | 38,650 | 33,150 | 30,000 | |
| | --- | 26,153 | 29,079 | 34,284 | 39,786 | 43,227 | 43,017 | 49,334 | 49,498 | 48,684 | 44,586 | 39,059 | |
| | --- | 5,289 | 5,811 | 7,946 | 10,964 | 12,568 | 11,118 | 16,773 | 14,719 | 19,026 | 16,027 | 13,538 | |
| | 0 | 35 | 193 | 255 | 170 | 111 | 85 | 119 | 82 | 41 | 36 | 1,127 | |

Table 1.3.3

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC Ph.D. CHEMISTS
by SELECTED STATES and YEARS SINCE BS
1984 Survey of ACS Members

| STATES | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|--------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | No Resp |
| CALIFORNIA | --- | --- | 42,000 | 48,000 | 60,000 | 65,000 | 67,650 | 70,425 | 60,000 | 70,750 | 80,250 | 60,000 | - 75th %-ile |
| | --- | --- | 35,760 | 43,500 | 49,000 | 51,900 | 53,500 | 56,500 | 50,000 | 60,000 | 70,750 | 48,000 | - 50th %-ile |
| | --- | --- | 33,000 | 39,150 | 43,000 | 46,875 | 48,800 | 50,000 | 36,679 | 37,500 | 49,050 | 41,000 | - 25th %-ile |
| | --- | --- | 37,227 | 43,263 | 51,348 | 55,615 | 57,906 | 58,750 | 50,743 | 54,729 | 67,783 | 50,456 | - Mean |
| | --- | --- | 5,239 | 7,218 | 10,990 | 13,203 | 12,481 | 14,194 | 15,279 | 18,190 | 17,356 | 13,883 | - Std Dev |
| | 0 | 0 | 23 | 36 | 35 | 18 | 17 | 18 | 13 | 13 | 6 | 179 | - Count |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEXAS | --- | --- | 43,875 | 50,000 | 54,000 | 63,750 | 63,875 | 60,000 | --- | 100,000 | --- | 58,250 | |
| | --- | --- | 38,000 | 42,988 | 45,000 | 52,300 | 56,000 | 46,000 | --- | 100,000 | 98,000 | 48,000 | |
| | --- | --- | 34,225 | 37,325 | 40,200 | 46,710 | 46,900 | 40,000 | --- | --- | --- | 40,150 | |
| | --- | --- | 39,275 | 43,854 | 47,357 | 54,798 | 57,724 | 49,955 | --- | 85,167 | 98,000 | 50,688 | |
| | --- | --- | 6,751 | 8,871 | 7,504 | 10,965 | 14,442 | 11,015 | --- | 25,692 | --- | 14,321 | |
| | 0 | 0 | 8 | 20 | 23 | 12 | 16 | 11 | 0 | 3 | 1 | 94 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ILLINOIS | --- | --- | 37,900 | 41,750 | 51,250 | 53,000 | 67,000 | 67,500 | 52,450 | 60,675 | 45,750 | 51,250 | |
| | 20,500 | --- | 36,400 | 39,400 | 44,750 | 50,292 | 57,240 | 50,250 | 50,400 | 47,450 | 40,000 | 42,266 | |
| | --- | --- | 33,200 | 35,000 | 38,066 | 43,094 | 45,950 | 43,302 | 18,125 | 38,800 | 29,300 | 36,875 | |
| | 20,500 | --- | 34,949 | 39,141 | 46,661 | 52,045 | 55,749 | 55,130 | 40,325 | 48,650 | 39,031 | 45,295 | |
| | --- | --- | 3,914 | 5,518 | 12,903 | 13,958 | 12,266 | 16,946 | 21,920 | 11,791 | 13,442 | 13,797 | |
| | 1 | 0 | 13 | 22 | 26 | 18 | 9 | 12 | 4 | 8 | 13 | 126 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MICHIGAN | --- | --- | 40,000 | 42,400 | 52,013 | 66,925 | 54,000 | 77,000 | 85,750 | 84,114 | 69,688 | 58,000 | |
| | --- | --- | 35,000 | 39,800 | 49,000 | 55,000 | 50,500 | 56,500 | 70,000 | 61,750 | 36,000 | 46,000 | |
| | --- | --- | 34,000 | 35,725 | 40,000 | 45,855 | 45,600 | 50,049 | 51,750 | 47,805 | 31,000 | 39,240 | |
| | --- | --- | 35,688 | 39,437 | 48,214 | 56,430 | 51,620 | 61,780 | 69,667 | 66,754 | 47,475 | 50,491 | |
| | --- | --- | 3,945 | 4,485 | 8,623 | 12,158 | 10,504 | 18,279 | 20,393 | 21,398 | 20,915 | 16,323 | |
| | 0 | 0 | 19 | 20 | 18 | 14 | 15 | 16 | 6 | 10 | 5 | 123 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OHIO | --- | --- | 36,750 | 43,200 | 48,279 | 63,250 | 50,000 | 63,500 | 74,000 | 79,800 | 64,000 | 53,250 | |
| | --- | --- | 35,900 | 39,000 | 42,500 | 52,000 | 46,000 | 55,000 | 55,000 | 74,800 | 36,000 | 45,000 | |
| | --- | --- | 33,288 | 35,800 | 39,330 | 45,060 | 44,567 | 40,436 | 41,000 | 56,975 | 35,600 | 37,625 | |
| | --- | --- | 36,022 | 38,408 | 43,167 | 54,358 | 47,270 | 54,621 | 57,482 | 70,525 | 45,200 | 47,242 | |
| | --- | --- | 3,877 | 6,046 | 8,652 | 15,295 | 7,013 | 13,327 | 19,924 | 12,780 | 16,283 | 13,841 | |
| | 0 | 0 | 16 | 25 | 32 | 33 | 15 | 13 | 11 | 4 | 3 | 152 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NEW JERSEY | --- | --- | 38,000 | 47,750 | 55,250 | 64,500 | 63,250 | 70,375 | 78,000 | 78,500 | 64,500 | 60,000 | |
| | --- | --- | 36,550 | 44,240 | 49,500 | 52,000 | 58,875 | 59,950 | 65,600 | 60,000 | 51,000 | 50,000 | |
| | --- | --- | 35,075 | 40,000 | 39,750 | 47,500 | 49,250 | 52,275 | 43,025 | 52,000 | 42,400 | 42,000 | |
| | --- | --- | 36,916 | 44,696 | 49,870 | 57,190 | 57,787 | 60,985 | 59,942 | 65,173 | 52,960 | 52,582 | |
| | --- | --- | 5,771 | 8,458 | 13,302 | 15,259 | 12,263 | 16,520 | 19,924 | 14,798 | 11,411 | 15,145 | |
| | 0 | 0 | 22 | 52 | 34 | 41 | 25 | 34 | 7 | 15 | 5 | 235 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NEW YORK | --- | --- | 41,350 | 45,233 | 51,250 | 60,500 | 69,500 | 69,075 | 68,000 | 59,000 | 47,950 | 56,000 | |
| | --- | --- | 36,000 | 38,200 | 42,500 | 52,500 | 55,500 | 55,500 | 56,000 | 55,000 | 38,250 | 45,000 | |
| | --- | --- | 33,200 | 34,525 | 39,450 | 40,375 | 48,500 | 38,140 | 40,000 | 49,000 | 35,375 | 37,750 | |
| | --- | --- | 37,186 | 38,976 | 45,374 | 51,567 | 57,214 | 54,009 | 55,338 | 49,143 | 40,525 | 47,691 | |
| | --- | --- | 4,662 | 7,438 | 9,531 | 12,327 | 15,004 | 18,397 | 15,260 | 15,614 | 7,036 | 13,918 | |
| | 0 | 0 | 25 | 30 | 34 | 30 | 28 | 22 | 13 | 7 | 4 | 193 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PENNSYLVANIA | --- | --- | 37,279 | 44,250 | 53,875 | 61,500 | 67,500 | 56,000 | 50,000 | 64,750 | 63,000 | 57,100 | |
| | --- | --- | 36,300 | 39,900 | 45,900 | 55,000 | 58,000 | 51,150 | 47,400 | 59,500 | 61,000 | 47,000 | |
| | --- | --- | 33,650 | 36,750 | 40,016 | 44,950 | 39,382 | 40,600 | 42,000 | 50,250 | 33,600 | 38,820 | |
| | --- | --- | 35,570 | 41,838 | 46,662 | 55,919 | 55,005 | 48,803 | 52,703 | 58,662 | 52,533 | 49,085 | |
| | --- | --- | 4,065 | 7,635 | 11,144 | 13,893 | 16,008 | 10,810 | 18,048 | 14,696 | 16,427 | 13,969 | |
| | 0 | 0 | 17 | 26 | 36 | 28 | 17 | 16 | 15 | 16 | 3 | 174 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OTHER | --- | --- | 38,450 | 44,000 | 51,150 | 59,000 | 59,000 | 64,000 | 69,440 | 66,000 | 59,000 | 55,435 | |
| | --- | --- | 36,000 | 40,000 | 43,850 | 48,500 | 50,000 | 54,000 | 58,250 | 55,538 | 45,550 | 45,150 | |
| | --- | --- | 33,000 | 36,000 | 38,000 | 41,184 | 43,525 | 45,000 | 50,000 | 49,000 | 38,800 | 38,562 | |
| | --- | --- | 35,742 | 40,267 | 45,117 | 50,395 | 50,987 | 56,212 | 59,923 | 59,086 | 48,380 | 48,233 | |
| | --- | --- | 4,720 | 7,128 | 10,785 | 14,396 | 11,762 | 15,215 | 14,508 | 15,224 | 12,332 | 13,882 | |
| | 0 | 0 | 117 | 209 | 260 | 223 | 156 | 144 | 98 | 67 | 20 | 1,294 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TOTAL | --- | --- | 38,680 | 45,000 | 52,000 | 60,000 | 60,350 | 65,000 | 68,000 | 69,000 | 60,825 | 56,000 | |
| | 20,500 | --- | 36,000 | 40,000 | 45,000 | 50,000 | 52,000 | 55,000 | 55,600 | 59,000 | 45,400 | 46,000 | |
| | --- | --- | 33,600 | 36,263 | 39,000 | 43,000 | 45,000 | 45,000 | 47,400 | 49,500 | 36,000 | 38,988 | |
| | 20,500 | --- | 36,183 | 41,004 | 46,179 | 52,458 | 53,117 | 56,309 | 57,924 | 59,614 | 48,953 | 48,798 | |
| | --- | --- | 4,763 | 7,409 | 10,852 | 14,274 | 12,634 | 15,532 | 16,299 | 16,662 | 16,636 | 14,221 | |
| 1 | 0 | 260 | 440 | 498 | 417 | 298 | 286 | 167 | 143 | 60 | 2,570 | | |

Table I.4.1

SALARIES OF FULL-TIME EMPLOYED NON-ACADEMIC B.S. CHEMISTS
by ACS LOCAL SECTION and YEARS SINCE BS
1984 Survey of ACS Members

| LOCAL SECTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| So. California | --- | 27,125 | 29,000 | 33,500 | 52,000 | 45,840 | 76,500 | 65,600 | 46,000 | --- | 57,100 | 42,000 | - 75th %ile |
| | 25,500 | 22,932 | 26,000 | 28,800 | 35,400 | 41,000 | 49,500 | 42,000 | 40,000 | 87,000 | 46,000 | 31,000 | - 50th %ile |
| | --- | 17,600 | 23,450 | 24,950 | 28,250 | 30,656 | 30,750 | 35,580 | 24,000 | --- | 34,150 | 25,060 | - 25th %ile |
| | 25,500 | 22,676 | 26,164 | 29,033 | 37,967 | 38,997 | 52,250 | 51,095 | 36,667 | 87,000 | 46,167 | 35,734 | - Mean |
| | 10,607 | 4,859 | 5,710 | 5,995 | 14,386 | 8,195 | 24,663 | 17,067 | 11,372 | --- | 15,103 | 16,279 | - Std Dev |
| | 2 | 10 | 17 | 6 | 6 | 6 | 4 | 9 | 3 | 1 | 6 | 70 | - Count |
| California | --- | 26,650 | 35,500 | 40,000 | 42,500 | 45,750 | 45,000 | 49,850 | 70,000 | 42,000 | 36,875 | 40,370 | |
| | 24,000 | 22,000 | 30,000 | 39,000 | 36,500 | 39,120 | 42,000 | 45,000 | 40,370 | 32,000 | 34,500 | 32,400 | |
| | --- | 21,192 | 26,000 | 29,500 | 29,250 | 27,750 | 40,000 | 43,441 | 35,000 | 29,220 | 32,500 | 26,100 | |
| | 24,000 | 23,481 | 30,747 | 35,519 | 36,000 | 40,395 | 42,333 | 44,518 | 48,457 | 34,407 | 34,625 | 34,177 | |
| | --- | 4,064 | 7,807 | 6,956 | 7,045 | 17,257 | 2,517 | 8,131 | 18,849 | 6,721 | 2,287 | 11,289 | |
| | 1 | 17 | 21 | 13 | 5 | 12 | 3 | 9 | 3 | 3 | 4 | 91 | |
| Chicago | 19,200 | 25,140 | 29,492 | 37,600 | 39,900 | 54,500 | 60,000 | 53,000 | 79,500 | 77,500 | --- | 40,500 | |
| | 18,000 | 21,200 | 27,312 | 34,150 | 34,000 | 36,000 | 47,365 | 42,000 | 42,500 | --- | --- | 30,000 | |
| | 14,500 | 20,000 | 22,650 | 28,125 | 28,625 | 32,980 | 40,000 | 38,000 | 33,925 | 39,900 | --- | 23,500 | |
| | 16,814 | 23,000 | 27,889 | 34,500 | 37,375 | 41,160 | 47,824 | 45,318 | 55,020 | 60,533 | --- | 35,422 | |
| | 3,550 | 4,677 | 7,539 | 8,404 | 16,739 | 11,651 | 12,279 | 9,387 | 27,047 | 24,036 | --- | 16,802 | |
| | 7 | 22 | 29 | 20 | 16 | 3 | 11 | 11 | 10 | 6 | 0 | 135 | |
| Cleveland and Akron | --- | 26,205 | 31,125 | 33,600 | 55,750 | 48,500 | 48,500 | 49,310 | 43,460 | --- | --- | 41,675 | |
| | 21,000 | 23,000 | 24,860 | 24,044 | 39,000 | 37,570 | 42,050 | 42,000 | 35,250 | 77,000 | --- | 31,750 | |
| | --- | 21,200 | 20,925 | 20,665 | 23,750 | 31,750 | 40,250 | 39,680 | 33,450 | --- | --- | 23,000 | |
| | 21,000 | 23,767 | 26,263 | 26,103 | 39,500 | 39,357 | 43,517 | 44,298 | 37,823 | 77,000 | --- | 33,516 | |
| | 849 | 4,238 | 6,347 | 6,709 | 16,663 | 8,567 | 4,552 | 5,972 | 5,920 | 32,527 | --- | 13,353 | |
| | 2 | 14 | 20 | 3 | 4 | 6 | 6 | 9 | 6 | 2 | 0 | 72 | |
| Delaware | --- | --- | 29,800 | 49,700 | 49,800 | --- | --- | 56,500 | --- | --- | --- | 50,000 | |
| | --- | 25,250 | 25,200 | 31,650 | 49,100 | 60,500 | 57,000 | 37,450 | 41,500 | 36,480 | --- | 40,000 | |
| | --- | 24,000 | --- | 26,875 | 45,250 | --- | --- | 27,175 | --- | --- | --- | 26,000 | |
| | --- | 25,250 | 26,333 | 36,075 | 48,050 | 60,500 | 57,000 | 40,375 | 41,500 | 36,480 | --- | 40,217 | |
| | --- | 1,061 | 3,062 | 13,014 | 2,734 | 13,435 | --- | 15,776 | 707 | --- | --- | 13,383 | |
| | 0 | 2 | 3 | 4 | 4 | 2 | 1 | 4 | 2 | 1 | 0 | 23 | |
| New York | 24,800 | 28,500 | 31,500 | 41,000 | 45,000 | 57,750 | 59,450 | 75,000 | 63,750 | 55,750 | --- | 45,250 | |
| | 21,400 | 22,500 | 26,000 | 32,800 | 40,100 | 34,800 | 58,000 | 50,000 | 43,000 | 42,000 | --- | 32,198 | |
| | 18,000 | 17,472 | 24,250 | 29,550 | 37,000 | 26,025 | 35,000 | 35,000 | 34,349 | 29,200 | --- | 25,525 | |
| | 21,400 | 23,093 | 27,554 | 34,794 | 40,371 | 39,675 | 49,380 | 51,618 | 48,066 | 42,380 | --- | 36,548 | |
| | 3,400 | 6,230 | 6,120 | 7,517 | 12,572 | 16,675 | 13,480 | 18,338 | 16,932 | 13,897 | --- | 15,560 | |
| | 3 | 15 | 13 | 9 | 7 | 8 | 5 | 11 | 6 | 5 | 0 | 82 | |
| North Jersey | 24,750 | 25,250 | 30,278 | 40,500 | 39,100 | 51,825 | 63,250 | 58,125 | 64,000 | 50,000 | --- | 43,050 | |
| | 20,000 | 22,500 | 27,300 | 32,000 | 34,800 | 42,750 | 47,850 | 47,500 | 42,900 | 44,100 | --- | 30,800 | |
| | 18,488 | 20,750 | 23,000 | 25,700 | 30,108 | 35,255 | 37,750 | 30,450 | 25,363 | 30,750 | --- | 24,000 | |
| | 21,295 | 23,167 | 27,251 | 32,767 | 35,468 | 44,865 | 52,555 | 44,462 | 47,492 | 45,713 | --- | 35,383 | |
| | 3,257 | 3,924 | 4,927 | 8,033 | 5,865 | 10,383 | 18,538 | 14,821 | 28,652 | 19,233 | --- | 15,409 | |
| | 5 | 18 | 29 | 9 | 9 | 10 | 10 | 14 | 6 | 8 | 0 | 118 | |
| Northeastern | 28,500 | 26,400 | 27,869 | 42,850 | 49,000 | --- | 74,000 | 55,250 | 42,600 | 80,730 | --- | 40,500 | |
| | 20,600 | 21,600 | 25,000 | 34,912 | 30,870 | 44,310 | 30,000 | 47,500 | 35,000 | 46,460 | --- | 29,600 | |
| | 17,000 | 17,000 | 19,000 | 28,500 | 28,000 | --- | 27,550 | 40,919 | 28,600 | 36,250 | --- | 23,500 | |
| | 21,957 | 22,346 | 24,787 | 35,696 | 36,974 | 44,310 | 46,620 | 49,578 | 37,029 | 54,480 | --- | 33,118 | |
| | 6,112 | 5,446 | 6,289 | 7,638 | 13,579 | 2,673 | 31,078 | 11,408 | 11,408 | 24,855 | --- | 15,524 | |
| | 7 | 13 | 23 | 9 | 5 | 2 | 5 | 10 | 7 | 4 | 0 | 85 | |
| Philadelphia | 22,000 | 29,000 | 30,000 | 40,500 | 37,750 | 65,000 | --- | 51,250 | 50,000 | 55,750 | --- | 40,000 | |
| | 20,200 | 24,800 | 25,000 | 33,646 | 35,250 | 50,000 | 37,000 | 38,500 | 44,000 | 41,500 | --- | 31,896 | |
| | 18,900 | 21,150 | 21,658 | 29,625 | 33,375 | 47,000 | --- | 33,250 | 34,800 | 36,250 | --- | 24,925 | |
| | 20,367 | 26,017 | 26,161 | 35,449 | 36,200 | 54,000 | 37,000 | 43,222 | 42,533 | 44,500 | --- | 33,650 | |
| | 1,557 | 8,801 | 6,121 | 7,840 | 3,659 | 9,644 | 5,657 | 13,264 | 7,987 | 10,847 | --- | 11,487 | |
| | 3 | 14 | 19 | 10 | 8 | 3 | 2 | 9 | 6 | 4 | 0 | 78 | |
| Pittsburgh | --- | 25,650 | --- | 38,750 | 44,050 | 38,000 | 41,522 | 58,250 | 40,000 | --- | --- | 40,000 | |
| | 15,700 | 23,970 | 22,500 | 34,500 | 36,000 | 31,500 | 37,400 | 45,000 | 40,000 | 51,500 | --- | 35,265 | |
| | --- | 18,435 | --- | 28,750 | 34,940 | 28,000 | 30,633 | 24,397 | 37,000 | --- | --- | 27,000 | |
| | 15,700 | 22,685 | 22,500 | 34,000 | 38,796 | 32,500 | 36,342 | 42,059 | 39,000 | 51,500 | --- | 34,955 | |
| | --- | 4,071 | 10,607 | 5,354 | 7,168 | 5,447 | 6,467 | 17,868 | 1,732 | 12,021 | --- | 11,351 | |
| | 1 | 4 | 2 | 4 | 5 | 4 | 5 | 5 | 3 | 2 | 0 | 35 | |
| So. Texas | --- | 32,000 | 37,050 | 35,000 | 52,500 | 52,000 | 66,500 | 63,875 | 64,000 | --- | --- | 49,500 | |
| | 22,400 | 28,500 | 26,700 | 30,936 | 39,480 | 38,034 | 47,000 | 58,500 | 58,250 | 49,000 | --- | 35,000 | |
| | --- | 23,150 | 24,500 | 28,100 | 35,000 | 31,665 | 37,500 | 35,750 | 35,750 | --- | --- | 26,858 | |
| | 22,400 | 27,475 | 30,651 | 31,427 | 42,160 | 42,381 | 51,000 | 51,938 | 52,950 | 49,000 | --- | 39,608 | |
| | 1,980 | 4,928 | 7,749 | 3,713 | 8,866 | 14,687 | 16,508 | 13,749 | 18,252 | 31,113 | --- | 15,399 | |
| | 2 | 10 | 13 | 5 | 6 | 6 | 5 | 8 | 8 | 2 | 0 | 65 | |
| Washington, D.C. | 18,038 | 22,900 | 31,250 | 37,347 | --- | --- | 45,537 | 55,000 | --- | --- | --- | 40,000 | |
| | 14,625 | 21,000 | 23,600 | 26,875 | 32,445 | 50,000 | 42,075 | 39,500 | 40,178 | 60,550 | --- | 27,500 | |
| | 13,125 | 17,700 | 19,500 | 23,535 | --- | --- | 39,594 | 35,750 | --- | --- | --- | 21,000 | |
| | 15,263 | 20,982 | 25,511 | 30,448 | 32,445 | 50,000 | 42,985 | 44,200 | 40,178 | 60,550 | --- | 31,376 | |
| | 2,644 | 4,277 | 7,559 | 9,757 | 5,706 | --- | 4,795 | 11,899 | 20,962 | 7,849 | --- | 13,408 | |
| | 4 | 10 | 9 | 10 | 2 | 1 | 6 | 5 | 2 | 2 | 0 | 51 | |
| None of the Above | 25,375 | 25,352 | 30,000 | 37,475 | 41,020 | 44,000 | 51,962 | 49,990 | 49,250 | 60,000 | --- | 40,000 | |
| | 21,360 | 22,833 | 26,000 | 32,250 | 37,500 | 37,500 | 41,805 | 45,000 | 39,520 | 49,000 | --- | 30,250 | |
| | 17,035 | 19,425 | 22,654 | 26,275 | 30,000 | 33,371 | 33,750 | 36,000 | 32,000 | 32,864 | --- | 24,000 | |
| | 21,089 | 22,670 | 26,694 | 33,185 | 36,934 | 38,683 | 42,999 | 43,996 | 42,353 | 50,179 | --- | 33,490 | |
| | 4,942 | 4,969 | 5,700 | 8,594 | 11,133 | 9,895 | 12,649 | 13,056 | 14,567 | 20,027 | --- | 12,895 | |
| | 28 | 126 | 194 | 132 | 87 | 61 | 66 | 81 | 44 | 35 | 0 | 854 | |
| No Response | --- | 29,250 | 28,500 | 33,100 | 69,000 | 45,000 | --- | 63,750 | --- | --- | --- | 36,250 | |
| | 19,700 | 24,180 | 24,000 | 28,810 | 36,500 | 37,500 | 60,450 | 36,000 | 45,500 | --- | --- | 30,000 | |
| | --- | 21,625 | 20,800 | 26,500 | 30,950 | 23,634 | --- | 30,300 | --- | --- | --- | 23,817 | |
| | 19,700 | 24,253 | 24,962 | 29,723 | 45,467 | 35,378 | 60,450 | 44,567 | 45,500 | --- | --- | 33,342 | |
| | 6,647 | 5,977 | 5,605 | 8,263 | 18,533 | 10,840 | 2,758 | 18,612 | 36,062 | --- | --- | 15,469 | |
| | 2 | 8 | 11 | 9 | 6 | 3 | 2 | 6 | 2 | 0 | 0 | 49 | |
| TOTAL | 23,800 | 26,000 | 30,000 | 38,000 | 41,625 | 47,000 | 55,000 | 52,500 | 50,375 | 60,000 | 47,700 | 40,800 | |
| | 20,200 | 23,000 | 26,000 | 32,500 | 36,550 | 38,640 | 42,500 | 45,000 | 40,000 | 47,000 | 37,350 | 31,000 | |

Table 1.4.2

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC M.S. CHEMISTS
by ACS LOCAL SECTION and YEARS SINCE BS
1984 Survey of ACS Members

| LOCAL SECTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| So. California | --- | 30,000 | 36,750 | 40,000 | 52,950 | 45,240 | --- | --- | 63,000 | --- | --- | 42,500 | - 75th %ile |
| | --- | 25,000 | 35,500 | 33,000 | 32,160 | 36,000 | --- | 51,000 | 54,000 | 34,000 | 55,000 | 34,500 | - 50th %ile |
| | --- | 24,000 | 32,200 | 29,000 | 29,500 | 32,000 | --- | --- | 25,350 | --- | --- | 30,000 | - 25th %ile |
| | --- | 26,353 | 35,263 | 34,240 | 41,429 | 37,747 | --- | 51,000 | 47,450 | 34,000 | 55,000 | 38,174 | - Mean |
| | --- | 3,215 | 3,766 | 5,106 | 17,358 | 6,791 | --- | --- | 19,661 | --- | 21,213 | 12,222 | - Std Dev |
| | 0 | 3 | 8 | 10 | 9 | 3 | 0 | 1 | 3 | 1 | 2 | 40 | - Count |
| California | --- | --- | 35,000 | 44,640 | 41,725 | 57,000 | 50,000 | 66,000 | --- | --- | 72,000 | 50,000 | |
| | --- | --- | 30,000 | 36,250 | 35,750 | 40,000 | 40,000 | 55,000 | 73,000 | 52,720 | 52,000 | 35,400 | |
| | --- | --- | 26,000 | 31,038 | 31,750 | 26,500 | 32,000 | 32,604 | --- | --- | 41,000 | 30,250 | |
| | --- | --- | 30,480 | 40,702 | 37,500 | 41,167 | 41,157 | 51,201 | 73,000 | 52,720 | 55,000 | 40,200 | |
| | --- | --- | 7,031 | 14,092 | 7,102 | 15,283 | 9,975 | 17,019 | --- | 3,847 | 16,773 | 13,650 | |
| | 0 | 0 | 15 | 8 | 6 | 3 | 7 | 3 | 1 | 2 | 4 | 49 | |
| Chicago | --- | --- | 32,000 | 37,000 | 41,500 | 52,750 | 63,500 | 64,460 | 69,750 | --- | 51,400 | 45,000 | |
| | --- | 20,000 | 31,500 | 39,100 | 47,500 | 44,225 | 41,000 | 52,700 | 75,100 | --- | 36,000 | 36,000 | |
| | --- | --- | 26,875 | 30,000 | 32,700 | 30,178 | 37,063 | 34,250 | 37,600 | --- | 27,000 | 30,000 | |
| | --- | 20,000 | 33,816 | 38,825 | 43,285 | 48,263 | 47,684 | 53,350 | 75,100 | --- | 38,560 | 39,523 | |
| | --- | --- | 6,169 | 6,415 | 8,275 | 11,761 | 14,896 | 19,744 | 16,950 | --- | 14,065 | 13,429 | |
| | 0 | 1 | 10 | 11 | 12 | 6 | 4 | 5 | 4 | 1 | 5 | 59 | |
| Cleveland and Akron | --- | --- | 31,200 | 42,000 | 49,740 | 60,000 | --- | 48,750 | 51,750 | --- | --- | 45,000 | |
| | --- | 25,200 | 28,600 | 31,000 | 40,000 | 56,960 | 47,500 | 45,000 | 41,460 | 76,000 | --- | 38,960 | |
| | --- | --- | 23,210 | 26,000 | 29,200 | 45,000 | --- | 41,250 | 35,105 | --- | --- | 28,150 | |
| | --- | 25,200 | 27,513 | 33,333 | 39,833 | 53,987 | 47,500 | 45,000 | 42,105 | 76,000 | --- | 39,718 | |
| | --- | --- | 4,375 | 8,140 | 10,878 | 7,930 | 4,950 | 4,082 | 9,658 | 33,941 | --- | 14,640 | |
| | 0 | 1 | 9 | 6 | 9 | 3 | 2 | 4 | 4 | 2 | 0 | 40 | |
| Delaware | --- | --- | --- | --- | 47,450 | --- | --- | --- | 80,000 | --- | --- | 53,225 | |
| | --- | 25,500 | 32,800 | 37,500 | 41,000 | 36,200 | --- | 68,000 | 65,000 | --- | 42,000 | 41,500 | |
| | --- | --- | --- | 40,000 | --- | --- | --- | 52,300 | --- | --- | --- | 35,000 | |
| | --- | 25,500 | 32,800 | 37,500 | 43,180 | 36,200 | --- | 68,000 | 65,767 | --- | 42,000 | 46,094 | |
| | --- | --- | 3,111 | 17,678 | 3,939 | 1,697 | --- | 16,971 | 13,866 | --- | --- | 16,016 | |
| | 0 | 1 | 2 | 2 | 5 | 2 | 0 | 2 | 3 | 0 | 1 | 18 | |
| New York | --- | --- | 34,900 | 39,500 | 48,100 | 53,250 | 48,975 | 60,000 | 44,750 | 89,950 | --- | 45,000 | |
| | --- | --- | 29,760 | 34,000 | 40,440 | 39,000 | 42,450 | 47,500 | 42,120 | 42,250 | --- | 36,750 | |
| | --- | --- | 23,700 | 31,000 | 34,625 | 26,625 | 41,025 | 35,000 | 39,000 | 33,000 | --- | 31,750 | |
| | --- | --- | 29,098 | 35,867 | 41,065 | 39,625 | 44,150 | 48,985 | 41,924 | 55,183 | --- | 40,327 | |
| | --- | --- | 5,978 | 7,597 | 8,660 | 13,780 | 4,655 | 18,048 | 3,579 | 30,612 | --- | 15,151 | |
| | 0 | 0 | 17 | 9 | 12 | 4 | 4 | 13 | 5 | 6 | 0 | 70 | |
| North Jersey | --- | 25,375 | 32,700 | 41,063 | 50,250 | 54,000 | 53,500 | 70,000 | 51,500 | 50,000 | 48,000 | 49,750 | |
| | --- | 24,000 | 27,250 | 36,225 | 40,100 | 46,300 | 45,500 | 62,500 | 47,750 | 50,000 | 37,000 | 40,000 | |
| | --- | 23,000 | 25,675 | 29,250 | 36,250 | 40,000 | 40,500 | 39,150 | 44,500 | 40,500 | 29,375 | 30,100 | |
| | --- | 24,125 | 28,363 | 36,042 | 45,158 | 46,978 | 45,625 | 54,125 | 48,688 | 48,063 | 38,125 | 41,299 | |
| | --- | 1,315 | 5,322 | 7,562 | 13,086 | 10,658 | 8,193 | 19,721 | 7,545 | 12,588 | 9,767 | 13,533 | |
| | 0 | 4 | 16 | 24 | 16 | 9 | 8 | 12 | 8 | 8 | 4 | 109 | |
| Northeastern | --- | --- | 32,375 | 39,768 | 41,950 | --- | 57,000 | 48,000 | --- | 51,400 | --- | 44,000 | |
| | --- | --- | 30,600 | 31,488 | 37,400 | 52,350 | 51,000 | 41,000 | 33,500 | 40,000 | --- | 35,500 | |
| | --- | --- | 25,190 | 30,000 | 30,000 | --- | 44,375 | 38,000 | --- | 23,000 | --- | 30,000 | |
| | --- | --- | 29,952 | 34,122 | 36,450 | 52,350 | 51,083 | 43,186 | 33,500 | 38,133 | --- | 37,189 | |
| | --- | --- | 7,414 | 7,050 | 6,325 | 3,748 | 6,312 | 8,519 | 707 | 14,292 | --- | 9,950 | |
| | 0 | 0 | 12 | 20 | 4 | 2 | 6 | 7 | 2 | 3 | 0 | 56 | |
| Philadelphia | --- | 32,916 | 32,975 | 40,000 | 45,000 | 48,000 | 44,000 | 60,200 | 76,000 | --- | --- | 40,000 | |
| | --- | 28,000 | 30,750 | 33,500 | 39,000 | 36,000 | 30,000 | 47,500 | 50,000 | --- | 32,000 | 32,750 | |
| | --- | 23,375 | 25,000 | 28,500 | 34,000 | 31,000 | 28,000 | 16,000 | 36,000 | --- | --- | 28,200 | |
| | --- | 28,343 | 28,807 | 34,782 | 40,629 | 38,800 | 34,000 | 41,233 | 54,000 | --- | 32,000 | 34,922 | |
| | --- | 7,170 | 6,756 | 7,221 | 11,700 | 9,985 | 8,718 | 22,757 | 20,298 | --- | 2,828 | 11,309 | |
| | 0 | 6 | 14 | 13 | 7 | 5 | 3 | 3 | 3 | 0 | 2 | 56 | |
| Pittsburgh | --- | --- | 32,000 | 38,000 | --- | --- | --- | 68,500 | --- | --- | --- | 42,000 | |
| | --- | 23,720 | 30,000 | 32,500 | --- | --- | 42,000 | 60,000 | 29,000 | --- | 72,000 | 32,000 | |
| | --- | --- | 24,448 | 25,650 | --- | --- | --- | 33,000 | --- | --- | --- | 28,896 | |
| | --- | 23,720 | 28,579 | 32,050 | --- | --- | 42,000 | 52,600 | 29,000 | --- | 72,000 | 38,133 | |
| | --- | 2,432 | 4,978 | 6,399 | --- | --- | --- | 18,447 | --- | --- | --- | 16,500 | |
| | 0 | 2 | 5 | 4 | 0 | 0 | 1 | 5 | 1 | 0 | 1 | 19 | |
| So. Texas | --- | --- | 30,150 | 43,680 | 67,125 | --- | 42,800 | 57,000 | --- | --- | 52,750 | 48,000 | |
| | --- | 32,300 | 29,130 | 37,200 | 41,100 | 46,000 | 36,250 | 42,000 | 66,500 | --- | 46,000 | 39,000 | |
| | --- | --- | 27,480 | 34,000 | 35,815 | --- | 27,364 | 36,250 | --- | --- | 36,300 | 34,125 | |
| | --- | 32,300 | 28,920 | 38,153 | 47,690 | 46,000 | 35,471 | 49,000 | 66,500 | --- | 44,967 | 42,899 | |
| | --- | 6,081 | 1,400 | 8,001 | 19,057 | 21,213 | 8,104 | 17,459 | 26,163 | --- | 8,364 | 14,945 | |
| | 0 | 2 | 4 | 11 | 8 | 2 | 4 | 9 | 2 | 0 | 6 | 48 | |
| Washington, D.C. | --- | --- | 29,500 | 45,370 | 57,000 | 44,500 | 48,000 | --- | --- | --- | --- | 45,185 | |
| | --- | 31,650 | 25,400 | 32,300 | 40,096 | 40,500 | 39,767 | 54,750 | 54,499 | 59,000 | --- | 36,000 | |
| | --- | --- | 21,550 | 26,000 | 26,500 | 38,000 | 26,000 | --- | --- | --- | --- | 26,250 | |
| | --- | 31,650 | 26,278 | 34,151 | 41,199 | 41,000 | 37,922 | 54,750 | 54,499 | 59,000 | --- | 36,603 | |
| | --- | 6,152 | 5,386 | 10,780 | 15,280 | 3,559 | 11,115 | 14,496 | 10,609 | --- | --- | 12,392 | |
| | 0 | 2 | 9 | 11 | 3 | 4 | 3 | 2 | 2 | 1 | 0 | 37 | |
| None of the Above | --- | 28,000 | 31,500 | 36,875 | 42,000 | 49,625 | 49,000 | 53,000 | 56,500 | 48,300 | 56,500 | 45,000 | |
| | --- | 26,000 | 27,800 | 33,000 | 36,500 | 42,500 | 42,700 | 44,700 | 48,000 | 42,000 | 46,000 | 36,000 | |
| | --- | 20,965 | 24,750 | 28,000 | 32,000 | 32,784 | 36,000 | 37,000 | 41,550 | 35,900 | 30,500 | 30,000 | |
| | --- | 24,597 | 28,333 | 33,324 | 37,500 | 42,914 | 43,531 | 48,116 | 49,078 | 43,558 | 47,222 | 38,549 | |
| | --- | 5,727 | 5,382 | 7,793 | 9,482 | 13,807 | 12,041 | 15,785 | 14,876 | 14,849 | 20,438 | 13,262 | |
| | 0 | 11 | 69 | 120 | 76 | 66 | 39 | 51 | 41 | 17 | 9 | 499 | |
| No Response | --- | --- | 40,000 | 32,250 | 50,000 | --- | 44,000 | --- | 70,000 | --- | --- | 45,000 | |
| | --- | 26,600 | 33,000 | 30,218 | 46,000 | 49,550 | 39,500 | 66,000 | --- | 28,500 | --- | 33,000 | |
| | --- | --- | 24,000 | 28,825 | 30,000 | --- | 17,600 | --- | 31,000 | --- | --- | 29,000 | |
| | --- | 26,600 | 32,333 | 30,456 | 42,000 | 49,550 | 33,700 | 66,000 | 51,000 | --- | 28,500 | 38,327 | |
| | --- | 141 | 8,021 | 1,842 | 10,583 | 10,536 | 15,534 | 48,083 | 19,519 | --- | 16,263 | 17,411 | |
| | 0 | 2 | 3 | 6 | 3 | 2 | 4 | 2 | 3 | 0 | 2 | 27 | |
| TOTAL | --- | 28,000 | 32,900 | 39,072 | 45,000 | 50,040 | 49,500 | 60,000 | 57,125 | 51,700 | 53,500 | 45,200 | |
| | --- | 25,900 | 28,800 | 33,400 | 39,000 | 43,000 | 43,000 | 45,000 | 48,000 | 46,000 | 41,900 | 36,000 | |
| | --- | 23,000 | 25,000 | 29,000 | 32,600 | 34,000 | 36,250 | 37,000 | 40,630 | 38,650 | 33,150 | 30,000 | |
| | --- | 26,153 | 29,079 | 34,284 | 39,786 | 43,227 | 43,017 | 49,334 | 49,498 | 48,684 | 44,586 | 39,059 | |
| | --- | 5,289 | 5,811 | 7,946 | 10,964 | 12,568 | 11,118 | 16,773 | 14,719 | 19,026 | 16,027 | 13,538 | |
| | 0 | 35 | 193 | 255 | 170 | 111 | 85 | 119 | 82 | 41 | 36 | 1,127 | |

Table 1.4.3

SALARIES of FULL-TIME EMPLOYED NON-ACADEMIC Ph.D. CHEMISTS
by ACS LOCAL SECTION and YEARS SINCE BS
1984 Survey of ACS Members

| LOCAL SECTION | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|---------------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | No Resp |
| So. California | --- | --- | 42,000 | 46,200 | 61,625 | 60,000 | 78,750 | 60,500 | 64,500 | 70,750 | 72,000 | 56,000 | - 75th \$-ile |
| | --- | --- | 39,000 | 40,800 | 51,240 | 51,300 | 49,250 | 52,000 | 41,250 | 49,000 | 59,000 | 45,900 | - 50th \$-ile |
| | --- | --- | 32,750 | 39,375 | 43,750 | 47,000 | 41,250 | 40,000 | 34,500 | 35,000 | 46,200 | 40,000 | - 25th \$-ile |
| | --- | --- | 37,862 | 41,849 | 53,306 | 53,045 | 55,238 | 52,314 | 48,750 | 49,498 | 59,067 | 48,801 | - Mean |
| | 0 | 0 | 4,778 | 5,672 | 12,645 | 11,801 | 20,678 | 13,364 | 21,037 | 19,154 | 12,900 | 14,219 | - Std Dev |
| California | --- | --- | 42,500 | 48,225 | 55,000 | 65,000 | 62,650 | 75,000 | 64,250 | 72,500 | 88,750 | 60,075 | |
| | --- | --- | 35,000 | 43,500 | 48,250 | 56,596 | 57,000 | 60,000 | 53,750 | 62,000 | 72,750 | 50,000 | |
| | --- | --- | 34,250 | 38,875 | 42,000 | 48,750 | 48,800 | 55,800 | 48,750 | 55,000 | 54,875 | 43,000 | |
| | --- | --- | 37,451 | 43,868 | 49,007 | 57,571 | 54,767 | 63,287 | 55,786 | 63,400 | 72,125 | 52,178 | |
| | 0 | 0 | 5,301 | 7,094 | 9,110 | 9,996 | 12,451 | 12,071 | 12,285 | 10,854 | 17,769 | 12,892 | |
| Chicago | --- | --- | 38,050 | 44,250 | 52,000 | 59,250 | 68,000 | 70,000 | 53,000 | 50,250 | 52,650 | 52,000 | |
| | 20,500 | --- | 36,200 | 40,000 | 45,000 | 52,000 | 60,000 | 52,000 | 50,856 | 43,450 | 40,000 | 44,250 | |
| | --- | --- | 33,750 | 35,750 | 38,000 | 47,750 | 50,950 | 43,000 | 50,000 | 36,800 | 33,500 | 37,150 | |
| | --- | --- | 35,352 | 40,750 | 46,524 | 55,013 | 57,980 | 56,987 | 47,522 | 43,717 | 41,700 | 46,429 | |
| | 1 | 0 | 3,699 | 7,775 | 13,263 | 15,556 | 11,406 | 17,440 | 18,951 | 8,767 | 14,633 | 14,230 | |
| Cleveland and Akron | --- | --- | 37,000 | 44,000 | 52,000 | 63,180 | 50,750 | 71,750 | 77,000 | 79,800 | --- | 56,500 | |
| | --- | --- | 35,900 | 40,000 | 47,500 | 51,000 | 49,000 | 60,000 | 49,800 | 74,800 | 50,000 | 46,150 | |
| | --- | --- | 34,800 | 35,500 | 40,000 | 41,500 | 46,500 | 49,750 | 37,500 | 55,100 | --- | 38,075 | |
| | --- | --- | 36,655 | 37,422 | 46,805 | 53,358 | 48,750 | 60,500 | 55,760 | 69,900 | 50,000 | 48,582 | |
| | 0 | 0 | 4,454 | 10,950 | 8,652 | 16,425 | 2,217 | 11,387 | 20,828 | 13,961 | 19,799 | 14,870 | |
| Delaware | --- | --- | 38,190 | 47,700 | 57,480 | 73,250 | 63,500 | 70,725 | 68,750 | 79,000 | --- | 60,000 | |
| | --- | --- | 36,670 | 42,000 | 50,000 | 56,750 | 57,000 | 58,000 | 59,000 | 60,000 | 60,050 | 52,000 | |
| | --- | --- | 35,958 | 37,800 | 44,450 | 49,290 | 45,540 | 50,500 | 54,670 | 52,000 | --- | 41,760 | |
| | --- | --- | 37,375 | 43,183 | 51,262 | 62,740 | 54,848 | 59,485 | 61,730 | 63,667 | 60,050 | 52,616 | |
| | 0 | 0 | 2,723 | 6,580 | 8,837 | 16,042 | 10,731 | 17,958 | 10,817 | 13,868 | 5,728 | 14,281 | |
| New York | --- | --- | 41,775 | 45,000 | 50,000 | 60,000 | 75,000 | 64,000 | 78,000 | 59,750 | 45,300 | 55,000 | |
| | --- | --- | 37,250 | 39,000 | 42,500 | 50,000 | 62,500 | 55,000 | 56,000 | 54,000 | 37,100 | 45,000 | |
| | --- | --- | 34,600 | 33,530 | 39,000 | 41,375 | 51,050 | 38,520 | 48,000 | 49,250 | 37,500 | 37,500 | |
| | --- | --- | 38,073 | 38,364 | 44,674 | 50,579 | 62,567 | 55,590 | 59,143 | 53,750 | 39,840 | 48,023 | |
| | 0 | 0 | 4,261 | 8,702 | 9,962 | 12,918 | 15,136 | 21,170 | 17,170 | 7,555 | 6,283 | 14,955 | |
| North Jersey | --- | --- | 41,125 | 48,000 | 57,750 | 63,000 | 62,375 | 69,250 | 81,500 | 78,500 | 66,000 | 61,000 | |
| | --- | --- | 36,710 | 44,100 | 49,000 | 54,500 | 59,188 | 59,950 | 65,300 | 60,000 | 51,000 | 50,000 | |
| | --- | --- | 35,075 | 40,000 | 42,000 | 47,625 | 47,650 | 52,125 | 53,956 | 52,000 | 39,000 | 42,500 | |
| | --- | --- | 37,680 | 45,244 | 50,775 | 55,796 | 55,395 | 61,917 | 65,333 | 64,540 | 52,471 | 52,782 | |
| | 0 | 0 | 6,054 | 8,358 | 13,210 | 14,271 | 13,408 | 15,693 | 20,529 | 14,994 | 16,599 | 15,103 | |
| Northeastern | --- | --- | 43,000 | 43,375 | 50,600 | 58,500 | 53,635 | 82,000 | 80,000 | --- | --- | 52,000 | |
| | --- | --- | 38,400 | 39,400 | 44,000 | 50,500 | 50,000 | 45,792 | 54,000 | 62,400 | 46,000 | 43,750 | |
| | --- | --- | 31,000 | 36,941 | 38,300 | 40,500 | 40,750 | 36,300 | 40,000 | --- | --- | 38,652 | |
| | --- | --- | 37,649 | 40,332 | 45,499 | 50,833 | 48,174 | 53,727 | 58,000 | 62,400 | 46,000 | 46,362 | |
| | 0 | 0 | 6,755 | 4,714 | 9,362 | 9,944 | 6,716 | 24,113 | 20,298 | 18,526 | 8,485 | 11,775 | |
| Philadelphia | --- | --- | 38,000 | 43,500 | 55,625 | 57,700 | 64,250 | 56,000 | 58,125 | 70,000 | --- | 56,000 | |
| | --- | --- | 36,800 | 39,800 | 47,500 | 52,650 | 57,500 | 50,300 | 47,200 | 59,000 | 34,800 | 47,000 | |
| | --- | --- | 32,375 | 38,060 | 40,748 | 46,239 | 45,281 | 42,400 | 42,500 | 47,955 | --- | 39,000 | |
| | --- | --- | 36,121 | 41,634 | 48,123 | 55,024 | 55,985 | 50,457 | 52,317 | 58,436 | 34,800 | 49,030 | |
| | 0 | 0 | 4,228 | 7,384 | 11,761 | 14,504 | 15,326 | 7,218 | 18,814 | 17,968 | 1,697 | 14,044 | |
| Pittsburgh | --- | --- | 37,267 | 42,100 | 45,800 | 65,700 | 74,000 | 62,500 | 72,200 | 63,000 | --- | 60,250 | |
| | --- | --- | 34,400 | 37,700 | 37,500 | 61,000 | 64,000 | 53,762 | 45,000 | 55,500 | 61,000 | 45,400 | |
| | --- | --- | 33,650 | 33,700 | 33,840 | 47,850 | 60,000 | 46,499 | 41,000 | 46,500 | --- | 37,525 | |
| | --- | --- | 35,247 | 37,860 | 37,663 | 61,075 | 66,000 | 54,254 | 54,280 | 55,000 | 61,000 | 49,647 | |
| | 0 | 0 | 1,934 | 4,370 | 8,174 | 17,639 | 7,211 | 8,453 | 24,048 | 8,602 | --- | 16,036 | |
| So. Texas | --- | --- | 44,125 | 49,250 | 52,250 | 72,125 | 77,500 | 66,250 | --- | --- | 98,000 | 60,000 | |
| | --- | --- | 40,500 | 41,988 | 46,500 | 54,000 | 64,500 | 47,000 | 61,600 | 77,750 | 60,000 | 48,000 | |
| | --- | --- | 35,200 | 37,475 | 40,800 | 46,125 | 52,000 | 40,000 | --- | --- | 38,400 | 41,000 | |
| | --- | --- | 40,388 | 43,034 | 46,736 | 56,933 | 64,812 | 52,250 | 61,600 | 77,750 | 65,467 | 52,113 | |
| | 0 | 0 | 6,505 | 7,885 | 6,959 | 13,305 | 15,203 | 13,431 | --- | 31,466 | 30,174 | 15,428 | |
| Washington, D.C. | --- | --- | 35,750 | 41,250 | 43,424 | 52,000 | 52,000 | 57,000 | 63,000 | 64,000 | 60,000 | 53,790 | |
| | --- | --- | 33,000 | 39,281 | 40,000 | 43,600 | 48,000 | 52,000 | 58,500 | 55,569 | 59,000 | 45,000 | |
| | --- | --- | 30,450 | 33,864 | 32,000 | 40,000 | 42,000 | 48,000 | 42,500 | 49,250 | 44,100 | 39,330 | |
| | --- | --- | 32,378 | 36,771 | 39,810 | 47,056 | 47,249 | 52,815 | 54,143 | 56,845 | 54,367 | 46,289 | |
| | 0 | 0 | 5,312 | 8,404 | 7,178 | 10,873 | 7,627 | 8,544 | 11,360 | 8,774 | 8,905 | 11,013 | |
| None of the Above | --- | --- | 37,700 | 44,000 | 50,350 | 58,000 | 58,000 | 64,750 | 69,610 | 72,500 | 53,000 | 55,000 | |
| | --- | --- | 35,230 | 40,000 | 43,700 | 48,200 | 50,000 | 54,000 | 56,000 | 60,000 | 38,000 | 45,000 | |
| | --- | --- | 33,000 | 35,850 | 38,400 | 41,184 | 44,000 | 44,052 | 49,000 | 49,750 | 30,350 | 38,400 | |
| | --- | --- | 35,158 | 40,072 | 44,909 | 50,688 | 50,816 | 55,184 | 59,508 | 61,657 | 42,561 | 48,088 | |
| | 0 | 0 | 4,016 | 6,326 | 10,324 | 14,265 | 11,118 | 15,246 | 15,803 | 18,497 | 14,691 | 14,118 | |
| No Response | --- | --- | 39,750 | 45,000 | 73,000 | 55,250 | 52,000 | 59,000 | 57,800 | --- | --- | 50,000 | |
| | --- | --- | 34,325 | 37,000 | 48,000 | 44,500 | 50,000 | 47,000 | 50,000 | 45,000 | 46,500 | 41,475 | |
| | --- | --- | 30,250 | 30,700 | 30,575 | 34,554 | 48,000 | 41,250 | 37,400 | --- | --- | 32,000 | |
| | --- | --- | 34,779 | 37,689 | 50,525 | 47,412 | 49,714 | 49,083 | 48,400 | 45,000 | 46,500 | 43,294 | |
| | 0 | 0 | 5,955 | 6,617 | 23,028 | 16,630 | 15,119 | 9,057 | 10,294 | --- | --- | 13,232 | |
| TOTAL | --- | --- | 38,680 | 45,000 | 52,000 | 60,000 | 60,350 | 65,000 | 68,000 | 69,000 | 60,825 | 56,000 | |
| | 20,500 | --- | 36,000 | 40,000 | 45,000 | 50,000 | 52,000 | 55,000 | 55,600 | 59,000 | 45,400 | 46,000 | |
| | --- | --- | 33,600 | 36,263 | 39,000 | 43,000 | 45,000 | 45,000 | 47,400 | 49,500 | 36,000 | 38,988 | |
| | --- | --- | 36,183 | 41,004 | 46,179 | 52,458 | 53,117 | 56,309 | 57,924 | 59,614 | 48,953 | 48,798 | |
| | 1 | 0 | 4,763 | 7,409 | 10,852 | 14,274 | 12,634 | 15,532 | 16,299 | 16,662 | 16,636 | 14,221 | |

Table 2.1.0

SALARIES of FULL-TIME EMPLOYED INDUSTRIAL CHEMISTS
by HIGHEST DEGREE and YEARS SINCE BS
1984 Survey of ACS Members

| HIGHEST DEGREE | YEARS SINCE BS | | | | | | | | | | | TOTAL | |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | No Resp | | |
| Bachelors | 26,760 | 30,015 | 35,080 | 45,630 | 52,000 | 57,600 | 62,480 | 64,300 | 70,300 | 88,050 | --- | 53,000 | - 90th %-ile |
| | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | - 75th %-ile |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | - 50th %-ile |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | - 25th %-ile |
| | 16,275 | 17,412 | 20,072 | 23,350 | 26,900 | 29,640 | 30,000 | 30,160 | 28,880 | 28,120 | --- | 21,000 | - 10th %-ile |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | - Mean |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | - Std Dev |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | - Count |
| | --- | 30,956 | 36,000 | 45,100 | 54,232 | 61,020 | 60,700 | 75,360 | 73,000 | 85,940 | 71,400 | 57,000 | |
| | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | | |
| --- | 24,750 | 26,000 | 30,000 | 33,600 | 33,600 | 36,500 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | | |
| --- | 21,100 | 22,000 | 26,450 | 29,010 | 29,832 | 32,750 | 32,000 | 31,200 | 30,430 | 28,090 | 26,000 | | |
| --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | | |
| --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | | |
| 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | | |
| Doctorate | --- | --- | 42,563 | 50,000 | 62,600 | 72,660 | 72,400 | 80,000 | 81,900 | 85,000 | 74,450 | 70,000 | |
| | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | --- | --- | 32,000 | 34,580 | 36,000 | 40,034 | 42,000 | 40,000 | 43,123 | 41,176 | 28,740 | 35,000 | |
| | 20,500 | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |
| | 26,540 | 30,191 | 40,000 | 48,320 | 60,000 | 69,840 | 70,000 | 75,100 | 79,500 | 85,000 | 70,000 | 64,000 | |
| | 24,200 | 26,775 | 36,000 | 43,000 | 50,000 | 59,000 | 60,000 | 62,000 | 65,000 | 70,200 | 59,250 | 51,000 | |
| 20,600 | 24,000 | 30,750 | 37,500 | 42,500 | 49,500 | 50,200 | 50,085 | 50,000 | 52,800 | 43,500 | 40,000 | | |
| 18,238 | 21,000 | 25,800 | 32,400 | 37,000 | 41,000 | 42,525 | 41,000 | 41,000 | 43,000 | 35,900 | 32,000 | | |
| 16,350 | 17,590 | 22,000 | 27,600 | 32,000 | 34,000 | 35,874 | 35,000 | 32,396 | 32,500 | 28,510 | 25,000 | | |
| 21,435 | 23,953 | 30,943 | 37,965 | 44,337 | 50,631 | 51,598 | 52,832 | 53,469 | 56,706 | 47,543 | 42,949 | | |
| 4,393 | 4,934 | 6,907 | 8,256 | 11,593 | 14,057 | 13,025 | 16,072 | 17,387 | 19,501 | 16,510 | 15,595 | | |
| 57 | 268 | 730 | 761 | 683 | 503 | 392 | 478 | 279 | 189 | 90 | 4,430 | | |

Table 2.1.1

SALARIES of FULL-TIME EMPLOYED INDUSTRIAL CHEMISTS - MEN Only
by HIGHEST DEGREE and YEARS SINCE BS
1984 Survey of ACS Members

| HIGHEST DEGREE | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | No Resp | |
| Bachelors | 25,600 | 27,025 | 32,000 | 39,000 | 44,000 | 48,000 | 57,000 | 54,238 | 51,000 | 62,250 | 52,800 | 43,650 | - 75th %ile |
| | 21,400 | 23,700 | 27,850 | 33,300 | 38,000 | 40,000 | 44,500 | 45,250 | 40,370 | 46,500 | 46,000 | 34,000 | - 50th %ile |
| | 18,475 | 20,577 | 24,425 | 28,000 | 32,558 | 35,000 | 38,750 | 37,425 | 35,000 | 35,750 | 34,000 | 26,150 | - 25th %ile |
| | 22,031 | 23,881 | 28,509 | 34,213 | 39,729 | 41,815 | 46,801 | 46,972 | 45,352 | 51,983 | 45,471 | 36,906 | - Mean |
| | 4,690 | 5,381 | 6,193 | 8,390 | 12,223 | 10,109 | 13,103 | 13,586 | 17,470 | 20,617 | 13,118 | 14,381 | - Std Dev |
| | 31 | 146 | 224 | 163 | 118 | 79 | 90 | 146 | 79 | 58 | 7 | 1,141 | - Count |
| Masters | --- | 28,000 | 33,800 | 40,000 | 45,800 | 56,000 | 52,000 | 64,750 | 54,000 | 51,550 | 55,000 | 48,000 | |
| | --- | 25,500 | 30,000 | 35,000 | 39,100 | 48,000 | 44,200 | 48,300 | 47,000 | 44,950 | 48,000 | 38,000 | |
| | --- | 23,000 | 26,425 | 30,275 | 34,000 | 41,000 | 38,000 | 38,000 | 41,000 | 39,825 | 37,200 | 31,000 | |
| | --- | 26,055 | 30,190 | 36,096 | 40,923 | 48,100 | 45,652 | 52,191 | 49,264 | 50,546 | 49,143 | 41,221 | |
| | --- | 4,018 | 5,652 | 7,090 | 10,573 | 11,832 | 11,064 | 17,073 | 14,614 | 20,024 | 16,575 | 13,855 | |
| | 0 | 23 | 129 | 156 | 116 | 73 | 54 | 88 | 59 | 26 | 23 | 747 | |
| Doctorate | --- | --- | 38,760 | 45,450 | 52,980 | 62,000 | 64,000 | 67,000 | 72,500 | 74,000 | 64,025 | 58,300 | |
| | 20,500 | --- | 36,400 | 41,472 | 46,500 | 52,550 | 55,000 | 56,000 | 60,000 | 58,000 | 48,250 | 48,000 | |
| | --- | --- | 34,000 | 37,000 | 40,000 | 46,000 | 46,620 | 48,218 | 50,000 | 50,000 | 36,950 | 40,000 | |
| | 20,500 | --- | 36,746 | 42,025 | 47,618 | 55,287 | 56,021 | 58,303 | 61,955 | 60,448 | 51,859 | 50,390 | |
| | --- | --- | 4,227 | 6,868 | 10,869 | 13,493 | 12,157 | 15,569 | 15,643 | 17,146 | 16,926 | 14,247 | |
| | 1 | 0 | 199 | 321 | 367 | 294 | 211 | 202 | 111 | 87 | 42 | 1,835 | |
| TOTAL | 25,375 | 27,300 | 36,500 | 43,500 | 51,000 | 60,000 | 60,000 | 62,000 | 65,000 | 70,000 | 62,500 | 52,000 | |
| | 21,000 | 24,000 | 32,100 | 38,500 | 43,000 | 50,000 | 51,000 | 51,000 | 50,000 | 52,500 | 46,250 | 42,000 | |
| | 18,481 | 21,000 | 26,775 | 33,525 | 37,260 | 42,800 | 43,000 | 42,000 | 41,000 | 42,200 | 37,125 | 34,000 | |
| | 21,983 | 24,177 | 31,872 | 38,590 | 44,777 | 51,725 | 52,107 | 53,275 | 53,680 | 56,071 | 50,370 | 44,418 | |
| | 4,621 | 5,260 | 6,573 | 8,124 | 11,638 | 13,726 | 13,108 | 16,035 | 17,659 | 19,245 | 16,410 | 15,452 | |
| | 32 | 169 | 552 | 640 | 601 | 446 | 355 | 436 | 249 | 171 | 72 | 3,723 | |

Table 2.1.2

SALARIES of FULL-TIME EMPLOYED INDUSTRIAL CHEMISTS - WOMEN Only
by HIGHEST DEGREE and YEARS SINCE BS
1984 Survey of ACS Members

| HIGHEST DEGREE | YEARS SINCE BS | | | | | | | | | | | TOTAL |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >40 | No Resp | |
| Bachelors | 23,520 | 26,000 | 29,800 | 33,050 | 40,000 | 36,000 | 49,000 | 48,000 | 47,630 | --- | --- | 31,000 |
| | 20,600 | 23,000 | 25,000 | 27,650 | 35,500 | 32,640 | 36,000 | 40,000 | 40,000 | 54,500 | --- | 25,500 |
| | 17,500 | 20,020 | 22,000 | 25,375 | 28,125 | 29,100 | 31,375 | 32,700 | 34,325 | --- | --- | 21,600 |
| | 20,732 | 23,195 | 25,783 | 29,148 | 32,544 | 33,865 | 40,250 | 40,785 | 42,836 | 54,500 | --- | 27,593 |
| | 4,065 | 4,332 | 5,961 | 5,681 | 8,483 | 9,638 | 9,973 | 10,644 | 13,253 | 4,950 | --- | 9,127 |
| | 25 | 89 | 99 | 22 | 16 | 15 | 10 | 13 | 12 | 2 | 0 | 303 |
| Masters | --- | 28,000 | 32,000 | 32,225 | 42,550 | 39,500 | 42,450 | 41,873 | --- | --- | 41,500 | 36,000 |
| | --- | 26,700 | 27,750 | 30,000 | 37,250 | 34,000 | 38,000 | 38,850 | 56,000 | 40,100 | 36,000 | 30,200 |
| | --- | 25,440 | 24,250 | 27,060 | 30,350 | 25,375 | 28,800 | 33,000 | --- | --- | 29,775 | 26,750 |
| | --- | 26,949 | 27,746 | 29,685 | 38,667 | 32,710 | 36,100 | 38,179 | 56,000 | 40,100 | 37,850 | 32,102 |
| | --- | 1,675 | 5,169 | 4,844 | 11,443 | 7,356 | 6,938 | 6,697 | --- | 14,001 | 10,861 | 8,403 |
| | 0 | 7 | 36 | 36 | 18 | 12 | 5 | 8 | 1 | 2 | 8 | 133 |
| Doctorate | --- | --- | 38,150 | 44,250 | 50,000 | 49,500 | 62,000 | 73,000 | --- | --- | 39,000 | 45,700 |
| | --- | --- | 35,700 | 38,000 | 42,000 | 40,000 | 55,000 | 55,000 | 62,013 | 72,642 | 31,400 | 38,600 |
| | --- | --- | 33,150 | 35,000 | 39,200 | 35,690 | 29,928 | 33,750 | --- | --- | 27,000 | 35,000 |
| | --- | --- | 36,227 | 38,853 | 45,024 | 41,529 | 48,976 | 55,750 | 62,013 | 72,642 | 33,629 | 41,580 |
| | --- | --- | 5,331 | 6,586 | 9,273 | 9,342 | 16,863 | 21,658 | 26,852 | 14,162 | 13,428 | 11,706 |
| | 0 | 0 | 28 | 46 | 27 | 9 | 3 | 8 | 2 | 2 | 7 | 132 |
| TOTAL | 23,520 | 26,030 | 32,700 | 38,000 | 45,000 | 40,000 | 49,000 | 49,500 | 56,000 | 67,635 | 40,000 | 36,500 |
| | 20,600 | 23,420 | 28,000 | 33,391 | 40,000 | 35,190 | 37,000 | 40,000 | 43,025 | 54,500 | 34,000 | 30,000 |
| | 17,500 | 20,275 | 23,000 | 28,219 | 33,300 | 29,575 | 30,732 | 34,000 | 35,300 | 45,050 | 27,000 | 24,000 |
| | 20,732 | 23,469 | 28,010 | 33,626 | 39,874 | 35,396 | 40,552 | 44,194 | 46,271 | 55,747 | 35,880 | 31,900 |
| | 4,065 | 4,304 | 6,836 | 7,444 | 10,911 | 9,341 | 10,763 | 15,196 | 15,549 | 17,232 | 11,874 | 11,145 |
| | 25 | 96 | 163 | 104 | 61 | 36 | 18 | 29 | 15 | 6 | 15 | 568 |

Table 2.2.1

SALARIES OF FULL-TIME EMPLOYED B.S. CHEMISTS IN PRIVATE INDUSTRY
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | | |
| Biochemistry | --- | 21,100 | 43,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36,500 | - 75th %ile |
| | 17,375 | 20,000 | 36,000 | 35,000 | 27,000 | 47,000 | 75,000 | 42,000 | 45,000 | --- | --- | --- | 22,000 | - 50th %ile |
| | --- | 20,000 | 23,300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,000 | - 25th %ile |
| | 17,375 | 20,713 | 33,920 | 35,000 | 27,000 | 47,000 | 75,000 | 42,000 | 45,000 | --- | --- | --- | 29,808 | - Mean |
| | 2,298 | 2,758 | 11,460 | --- | --- | --- | --- | 28,284 | --- | --- | --- | --- | 15,290 | - Std Dev |
| | 2 | 11 | 5 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 25 | - Count | |
| Agricultural/ food chemistry | --- | 25,463 | 26,352 | 47,500 | 64,500 | --- | 47,700 | 45,500 | 78,750 | --- | --- | --- | 46,000 | |
| | --- | 21,800 | 24,000 | 35,000 | 40,100 | 30,500 | 36,000 | 39,600 | 60,000 | 51,600 | 46,000 | --- | 35,000 | |
| | --- | 18,075 | 21,700 | 32,000 | 33,300 | --- | 33,000 | 29,450 | 42,365 | --- | --- | --- | 24,360 | |
| | --- | 21,774 | 24,129 | 38,386 | 46,411 | 30,500 | 39,943 | 37,816 | 60,803 | 51,600 | 46,000 | --- | 37,441 | |
| | --- | 3,579 | 3,645 | 10,220 | 16,985 | 21,920 | 8,646 | 8,440 | 20,864 | 11,879 | --- | --- | 15,852 | |
| | 0 | 8 | 11 | 7 | 9 | 2 | 7 | 10 | 6 | 2 | 1 | 63 | | |
| Analytical chemistry | 25,025 | 27,500 | 29,996 | 37,700 | 40,750 | 46,500 | 48,000 | 52,500 | 45,000 | 50,000 | --- | --- | 38,000 | |
| | 20,500 | 22,920 | 25,750 | 33,000 | 36,000 | 36,000 | 40,044 | 45,000 | 35,000 | 40,000 | 33,000 | --- | 30,000 | |
| | 18,225 | 20,000 | 23,000 | 27,600 | 31,175 | 32,430 | 30,500 | 36,025 | 30,600 | 29,220 | --- | --- | 24,030 | |
| | 21,663 | 23,872 | 26,291 | 33,051 | 36,521 | 38,700 | 41,477 | 45,317 | 39,082 | 42,515 | 33,000 | --- | 32,195 | |
| | 5,023 | 5,266 | 5,098 | 7,692 | 9,295 | 8,661 | 12,369 | 11,630 | 13,566 | 15,491 | 1,414 | --- | 11,200 | |
| | 20 | 83 | 128 | 77 | 44 | 29 | 33 | 44 | 25 | 15 | 2 | 500 | | |
| Environmental chemistry | --- | 26,892 | 30,350 | 36,000 | 45,500 | 40,000 | --- | 46,925 | 70,375 | --- | --- | --- | 40,000 | |
| | 20,150 | 23,750 | 26,500 | 33,800 | 40,000 | 30,000 | 48,000 | 40,000 | 54,650 | 57,960 | 35,000 | --- | 32,250 | |
| | --- | 20,800 | 22,748 | 27,250 | 36,900 | 21,100 | --- | 26,850 | 36,375 | --- | --- | --- | 25,075 | |
| | 20,150 | 23,845 | 27,906 | 32,706 | 38,897 | 30,367 | 48,000 | 38,063 | 56,538 | 57,960 | 35,000 | --- | 34,711 | |
| | 5,162 | 4,334 | 7,371 | 6,287 | 8,647 | 9,455 | 11,314 | 11,688 | 23,438 | 7,128 | --- | --- | 13,521 | |
| | 2 | 10 | 17 | 25 | 10 | 3 | 2 | 8 | 8 | 2 | 1 | 88 | | |
| Organic chemistry | 23,085 | 26,750 | 32,500 | 41,000 | 42,250 | 51,000 | 59,000 | 60,000 | 57,250 | 73,000 | --- | --- | 48,000 | |
| | 21,000 | 25,000 | 27,500 | 28,000 | 38,000 | 38,640 | 52,000 | 45,000 | 46,300 | 59,600 | 37,500 | --- | 36,000 | |
| | 18,900 | 22,250 | 25,000 | 26,000 | 30,608 | 33,000 | 43,000 | 37,000 | 34,225 | 43,000 | --- | --- | 26,002 | |
| | 20,884 | 25,468 | 28,364 | 32,513 | 38,243 | 40,729 | 50,995 | 49,261 | 49,239 | 60,427 | 37,500 | --- | 38,885 | |
| | 3,057 | 6,878 | 5,355 | 10,273 | 8,621 | 10,219 | 11,504 | 16,665 | 18,295 | 21,934 | --- | --- | 16,556 | |
| | 10 | 24 | 31 | 20 | 17 | 15 | 21 | 23 | 12 | 15 | 1 | 189 | | |
| Inorganic chemistry | 27,775 | 29,425 | 31,000 | 52,000 | 42,250 | 58,750 | 60,900 | 52,620 | 63,950 | 50,000 | --- | --- | 46,000 | |
| | 22,800 | 25,150 | 26,000 | 44,000 | 39,000 | 40,000 | 45,000 | 43,910 | 46,350 | 45,000 | 70,000 | --- | 39,000 | |
| | 17,750 | 23,400 | 22,500 | 37,000 | 37,250 | 39,250 | 39,000 | 38,375 | 28,000 | 28,000 | --- | --- | 28,000 | |
| | 22,775 | 25,933 | 26,386 | 44,333 | 39,500 | 46,000 | 51,500 | 45,038 | 46,100 | 41,000 | 70,000 | --- | 40,193 | |
| | 5,222 | 3,344 | 4,408 | 7,506 | 2,646 | 12,675 | 17,694 | 10,041 | 18,581 | 11,533 | --- | --- | 15,268 | |
| | 4 | 6 | 7 | 3 | 4 | 4 | 11 | 8 | 4 | 3 | 1 | 55 | | |
| Pharmaceutical/ medicinal/ clinical chemistry | 25,500 | 24,648 | 31,000 | 36,875 | 45,000 | 63,000 | 58,300 | 61,000 | 50,500 | 100,000 | --- | --- | 40,250 | |
| | 21,700 | 22,500 | 25,600 | 30,000 | 40,000 | 48,550 | 52,683 | 50,170 | 40,000 | 88,500 | --- | --- | 29,900 | |
| | 18,906 | 20,898 | 22,084 | 27,300 | 33,000 | 34,075 | 41,841 | 34,300 | 36,000 | 29,800 | --- | --- | 22,590 | |
| | 22,822 | 22,657 | 27,699 | 31,873 | 39,487 | 48,238 | 50,941 | 49,397 | 48,600 | 72,767 | --- | --- | 34,089 | |
| | 4,955 | 3,368 | 8,342 | 8,051 | 7,343 | 14,899 | 8,906 | 16,316 | 23,275 | 37,652 | --- | --- | 15,806 | |
| | 8 | 24 | 35 | 13 | 15 | 8 | 4 | 9 | 7 | 3 | 0 | 126 | | |
| Physical chemistry | --- | 27,400 | 41,000 | 45,250 | --- | 57,090 | 50,375 | 52,000 | 53,000 | --- | --- | --- | 46,000 | |
| | 24,000 | 23,500 | 35,000 | 32,100 | 34,800 | 43,260 | 48,000 | 41,700 | 52,000 | 44,800 | --- | --- | 35,000 | |
| | --- | 16,280 | 24,000 | 27,075 | --- | 32,040 | 37,000 | 35,000 | 36,000 | --- | --- | --- | 27,600 | |
| | 24,000 | 22,172 | 33,991 | 34,717 | 34,800 | 44,130 | 45,125 | 42,900 | 47,000 | 44,800 | --- | --- | 36,783 | |
| | --- | 5,985 | 8,425 | 8,772 | --- | 12,975 | 7,685 | 8,563 | 9,539 | --- | --- | --- | 11,198 | |
| | 1 | 5 | 7 | 6 | 1 | 4 | 4 | 3 | 3 | 1 | 0 | 35 | | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | 16,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | 16,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| Polymer/ macromolecular chemistry | 25,017 | 27,150 | 32,150 | 39,000 | 44,000 | 49,000 | 57,000 | 58,000 | 65,500 | 60,375 | --- | --- | 45,850 | |
| | 24,550 | 24,000 | 29,000 | 32,800 | 37,500 | 42,420 | 45,200 | 50,000 | 44,920 | 56,000 | 46,000 | --- | 35,000 | |
| | 16,000 | 20,500 | 26,038 | 28,000 | 32,400 | 34,500 | 38,000 | 42,000 | 39,875 | 38,110 | --- | --- | 26,120 | |
| | 21,594 | 24,057 | 28,962 | 34,430 | 38,085 | 42,396 | 45,664 | 51,207 | 50,634 | 50,748 | 46,000 | --- | 36,964 | |
| | 5,279 | 4,690 | 5,644 | 9,334 | 9,947 | 9,908 | 12,223 | 12,457 | 13,968 | 13,281 | --- | --- | 13,768 | |
| | 6 | 37 | 49 | 23 | 20 | 17 | 11 | 35 | 10 | 12 | 1 | 221 | | |
| Other chemistry | 20,388 | 26,900 | 32,750 | 40,800 | 51,500 | 46,110 | 60,000 | 56,500 | 41,850 | 74,250 | --- | --- | 43,000 | |
| | 18,500 | 23,700 | 28,000 | 36,000 | 39,900 | 41,534 | 50,000 | 46,000 | 37,420 | 42,000 | 52,800 | --- | 33,000 | |
| | 18,000 | 20,500 | 23,764 | 30,000 | 30,000 | 30,575 | 36,000 | 35,750 | 31,525 | 30,000 | --- | --- | 25,000 | |
| | 18,963 | 23,526 | 28,328 | 36,055 | 44,258 | 40,157 | 48,332 | 46,224 | 39,347 | 50,456 | 52,800 | --- | 36,156 | |
| | 1,259 | 4,839 | 7,164 | 10,341 | 21,988 | 10,642 | 11,721 | 14,132 | 11,916 | 25,796 | --- | --- | 15,360 | |
| | 3 | 29 | 41 | 15 | 17 | 12 | 11 | 21 | 20 | 9 | 1 | 179 | | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | --- | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | --- | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | --- | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | --- | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | --- | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | | |

Table 2.2.1.1

SALARIES of FULL-TIME EMPLOYED B.S. CHEMISTS IN PRIVATE INDUSTRY -MEN Only
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | TOTAL | | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|-------------|--|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | No Resp | | |
| Biochemistry | --- | 21,000 | 50,000 | --- | --- | --- | --- | --- | --- | --- | --- | 46,500 | - 75th %ile | |
| | 19,000 | 20,000 | 37,000 | --- | 27,000 | 47,000 | 75,000 | 22,000 | 45,000 | --- | --- | 27,000 | - 50th %ile | |
| | --- | 20,000 | 27,000 | --- | --- | --- | --- | --- | --- | --- | --- | 20,250 | - 25th %ile | |
| | 19,000 | 20,333 | 38,000 | --- | 27,000 | 47,000 | 75,000 | 22,000 | 45,000 | --- | --- | 34,167 | - Mean | |
| | --- | 577 | 11,533 | --- | --- | --- | --- | --- | --- | --- | --- | 17,225 | - Std Dev | |
| | 1 | 3 | 3 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 12 | - Count | |
| Agricultural/ food chemistry | --- | 24,925 | 26,014 | 49,375 | 66,750 | --- | 51,350 | 44,000 | 80,000 | --- | --- | 46,000 | | |
| | --- | 21,600 | 23,400 | 37,500 | 46,050 | 46,000 | 41,400 | 37,200 | 47,410 | 43,200 | 46,000 | 35,000 | | |
| | --- | 19,050 | 20,275 | 34,250 | 32,950 | --- | 34,000 | 28,500 | 37,455 | --- | --- | 25,250 | | |
| | --- | 21,910 | 23,357 | 40,750 | 47,213 | 46,000 | 42,420 | 36,796 | 54,955 | 43,200 | 46,000 | 37,852 | | |
| | --- | 3,337 | 3,510 | 8,853 | 17,975 | --- | 9,096 | 8,272 | 24,177 | --- | --- | 14,993 | | |
| | 0 | 5 | 8 | 6 | 8 | 1 | 5 | 9 | 4 | 1 | 1 | 48 | | |
| Analytical chemistry | 27,725 | 28,500 | 30,000 | 38,000 | 40,000 | 49,500 | 46,500 | 52,590 | 45,000 | 52,500 | --- | 40,000 | | |
| | 22,000 | 23,460 | 26,600 | 33,000 | 35,940 | 38,000 | 40,044 | 45,000 | 35,000 | 41,500 | 33,000 | 31,952 | | |
| | 18,250 | 20,000 | 23,000 | 28,000 | 31,775 | 34,363 | 30,500 | 36,075 | 29,000 | 29,805 | --- | 25,200 | | |
| | 22,600 | 24,298 | 27,242 | 33,458 | 36,404 | 40,723 | 41,394 | 45,719 | 39,164 | 43,523 | 33,000 | 33,703 | | |
| | 16,038 | 5,880 | 5,069 | 7,690 | 9,722 | 9,065 | 12,323 | 11,496 | 14,658 | 15,557 | 1,414 | 11,515 | | |
| | 8 | 56 | 83 | 67 | 36 | 20 | 29 | 38 | 21 | 14 | 2 | 374 | | |
| Environmental chemistry | --- | 28,080 | 31,025 | 36,000 | 45,300 | 40,000 | --- | 46,925 | 71,000 | --- | --- | 40,000 | | |
| | 23,800 | 24,000 | 28,000 | 35,000 | 40,000 | 30,000 | 48,000 | 40,000 | 48,000 | 57,960 | --- | 35,000 | | |
| | --- | 23,500 | 23,375 | 30,000 | 37,650 | 21,100 | --- | 26,850 | 35,500 | --- | --- | 27,000 | | |
| | 23,800 | 25,150 | 29,064 | 33,333 | 40,871 | 30,367 | 48,000 | 38,063 | 54,829 | 57,960 | --- | 35,889 | | |
| | --- | 4,632 | 7,658 | 6,162 | 4,227 | 9,455 | 11,314 | 11,688 | 24,771 | 7,128 | --- | 13,105 | | |
| | 1 | 7 | 14 | 23 | 8 | 3 | 2 | 8 | 7 | 2 | 0 | 75 | | |
| Organic chemistry | 23,340 | 27,575 | 32,250 | 43,850 | 42,250 | 51,500 | 58,500 | 63,750 | 53,750 | 77,250 | --- | 49,100 | | |
| | 21,600 | 25,095 | 27,500 | 32,292 | 38,000 | 38,820 | 49,750 | 47,500 | 41,485 | 59,800 | 37,500 | 37,500 | | |
| | 18,000 | 22,500 | 25,040 | 26,000 | 30,608 | 33,913 | 42,000 | 38,500 | 34,225 | 42,250 | --- | 27,000 | | |
| | 21,091 | 26,092 | 28,372 | 33,703 | 38,243 | 41,281 | 49,606 | 51,075 | 47,559 | 60,600 | 37,500 | 40,026 | | |
| | 3,673 | 8,158 | 4,827 | 10,675 | 8,621 | 10,370 | 11,562 | 16,834 | 20,239 | 22,751 | --- | 16,715 | | |
| | 7 | 14 | 25 | 17 | 17 | 14 | 18 | 20 | 8 | 14 | 1 | 155 | | |
| Inorganic chemistry | 27,775 | 25,225 | 31,000 | 52,000 | 43,000 | 58,750 | 60,900 | 52,620 | 63,950 | 50,000 | --- | 47,860 | | |
| | 22,800 | 24,500 | 26,000 | 44,000 | 40,000 | 40,000 | 45,000 | 43,910 | 46,350 | 45,000 | 70,000 | 40,000 | | |
| | 17,750 | 22,200 | 22,500 | 37,000 | 38,000 | 39,250 | 39,000 | 38,375 | 28,000 | 28,000 | --- | 26,500 | | |
| | 22,775 | 23,975 | 26,386 | 44,333 | 40,333 | 46,000 | 51,500 | 45,038 | 46,100 | 41,000 | 70,000 | 40,652 | | |
| | 5,222 | 1,678 | 4,408 | 7,506 | 2,517 | 12,675 | 17,694 | 10,041 | 18,581 | 11,533 | --- | 15,563 | | |
| | 4 | 4 | 7 | 3 | 3 | 4 | 11 | 8 | 4 | 3 | 1 | 52 | | |
| Pharmaceutical/ medicinal/ clinical chemistry | 28,500 | 23,625 | 33,000 | 41,000 | 46,000 | 63,000 | 58,400 | 61,500 | 62,875 | 100,000 | --- | 44,250 | | |
| | 21,400 | 22,200 | 26,500 | 30,000 | 40,000 | 48,550 | 58,000 | 51,785 | 40,500 | 88,500 | --- | 33,000 | | |
| | 17,988 | 21,060 | 22,538 | 28,000 | 32,250 | 34,075 | 40,000 | 35,950 | 37,675 | 29,800 | --- | 24,750 | | |
| | 22,875 | 22,418 | 29,104 | 32,682 | 39,792 | 48,238 | 52,133 | 51,771 | 50,700 | 72,767 | --- | 37,526 | | |
| | 6,209 | 2,827 | 7,632 | 8,212 | 7,817 | 14,899 | 10,510 | 15,692 | 24,759 | 37,652 | 0 | 17,279 | | |
| | 5 | 13 | 16 | 11 | 13 | 8 | 3 | 8 | 6 | 3 | 0 | 86 | | |
| Physical chemistry | --- | --- | 41,000 | 46,000 | --- | 60,000 | 50,500 | --- | 53,000 | --- | --- | 48,000 | | |
| | --- | 16,280 | 35,000 | 45,000 | 34,800 | 38,160 | 50,000 | 43,500 | 52,000 | 44,800 | --- | 38,160 | | |
| | --- | --- | 24,000 | 27,600 | --- | 30,000 | 34,000 | --- | 36,000 | --- | --- | 30,750 | | |
| | --- | 16,280 | 33,991 | 39,533 | 34,800 | 42,720 | 44,833 | 43,500 | 47,000 | 44,800 | --- | 38,374 | | |
| | --- | 2,432 | 8,425 | 10,347 | --- | 15,511 | 9,385 | 12,021 | 9,539 | --- | --- | 11,648 | | |
| | 0 | 2 | 7 | 3 | 1 | 3 | 2 | 3 | 1 | 0 | 25 | | | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Polymer/ macromolecular chemistry | 25,666 | 27,325 | 35,000 | 38,750 | 45,250 | 47,000 | 57,500 | 59,000 | 67,000 | 60,375 | --- | 48,000 | | |
| | 24,700 | 24,000 | 29,584 | 32,150 | 38,500 | 39,800 | 45,200 | 50,000 | 42,000 | 56,000 | 46,000 | 36,740 | | |
| | 17,000 | 21,250 | 27,194 | 28,000 | 31,900 | 34,000 | 39,800 | 42,000 | 39,750 | 38,110 | --- | 28,985 | | |
| | 22,455 | 24,107 | 30,506 | 33,395 | 38,206 | 39,939 | 46,367 | 51,734 | 50,944 | 50,748 | 46,000 | 39,060 | | |
| | 4,749 | 4,322 | 4,723 | 7,806 | 10,079 | 6,722 | 13,271 | 12,503 | 14,778 | 13,281 | --- | 13,627 | | |
| | 3 | 20 | 32 | 20 | 18 | 15 | 9 | 33 | 9 | 12 | 1 | 172 | | |
| Other chemistry | --- | 26,450 | 34,726 | 41,400 | 56,500 | 46,445 | 61,200 | 56,000 | 41,850 | 80,625 | --- | 45,210 | | |
| | 19,444 | 23,600 | 28,000 | 36,000 | 40,000 | 44,000 | 51,949 | 46,000 | 37,270 | 37,500 | 52,800 | 35,000 | | |
| | --- | 20,000 | 23,764 | 27,500 | 31,500 | 37,625 | 43,500 | 35,000 | 31,525 | 30,000 | --- | 25,860 | | |
| | 19,444 | 23,275 | 29,085 | 36,294 | 48,837 | 42,979 | 51,217 | 45,932 | 40,196 | 50,388 | 52,800 | 37,772 | | |
| | 1,335 | 4,848 | 7,697 | 11,131 | 22,215 | 9,126 | 10,960 | 14,559 | 12,771 | 27,576 | --- | 16,137 | | |
| | 2 | 22 | 29 | 13 | 13 | 10 | 9 | 19 | 16 | 8 | 1 | 142 | | |
| TOTAL | 25,600 | 27,025 | 32,000 | 39,000 | 44,000 | 48,000 | 57,000 | 54,238 | 51,000 | 62,250 | 52,800 | 43,650 | | |
| | 21,400 | 23,700 | 27,850 | 33,300 | 38,000 | 40,000 | 44,500 | 45,250 | 40,370 | 46,500 | 46,000 | 34,000 | | |
| | 18,475 | 20,577 | 24,425 | 28,000 | 32,358 | 35,000 | 38,750 | 37,425 | 35,000 | 35,750 | 34,000 | 26,130 | | |
| | 22,031 | 23,881 | 28,509 | 34,213 | 39,729 | 41,815 | 46,801 | 46,972 | 45,352 | 51,983 | 45,471 | 36,906 | | |
| | 4,690 | 5,381 | 6,193 | 8,390 | 12,223 | 10,109 | 13,103 | 13,586 | 17,470 | 20,617 | 13,118 | 14,381 | | |
| | --- | 31 | 146 | 224 | 163 | 118 | 79 | 90 | 146 | 79 | 58 | 7 | 1,141 | |

Table 2.2.1.2

SALARIES of FULL-TIME EMPLOYED B.S.CHEMISTS IN PRIVATE INDUSTRY -WOMEN Only
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|------------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | | |
| Biochemistry | --- | 21,100 | 43,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36,500 | - 75th %ile |
| | 17,375 | 20,000 | 36,000 | 35,000 | 27,000 | 47,000 | 75,000 | 42,000 | 45,000 | --- | --- | --- | 22,000 | - 50th %ile |
| | --- | 20,000 | 23,300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,000 | - 25th %ile |
| | 17,375 | 20,713 | 33,920 | 35,000 | 27,000 | 47,000 | 75,000 | 42,000 | 45,000 | --- | --- | --- | 29,808 | - Mean |
| | 2,298 | 2,758 | 11,460 | --- | --- | --- | --- | 28,284 | --- | --- | --- | --- | 15,290 | - Std Dev |
| | 2 | 11 | 5 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | | 25 - Count | |
| Agricultural/ food chemistry | --- | 25,463 | 26,352 | 47,500 | 64,500 | --- | 47,700 | 45,500 | 78,750 | --- | --- | --- | 46,000 | |
| | --- | 21,800 | 24,000 | 35,000 | 40,100 | 30,500 | 36,000 | 39,600 | 60,000 | 51,600 | 46,000 | --- | 35,000 | |
| | --- | 18,075 | 21,700 | 32,000 | 33,300 | --- | 33,000 | 29,450 | 42,365 | --- | --- | --- | 24,360 | |
| | --- | 21,774 | 24,129 | 38,386 | 46,411 | 30,500 | 39,943 | 37,816 | 60,803 | 51,600 | 46,000 | --- | 37,441 | |
| | --- | 3,579 | 3,645 | 10,220 | 16,985 | 21,920 | 8,646 | 8,440 | 20,864 | 11,879 | --- | --- | 15,852 | |
| | 0 | 8 | 11 | 7 | 9 | 2 | 7 | 10 | 6 | 2 | 1 | 63 | | |
| Analytical chemistry | 25,025 | 27,500 | 29,996 | 37,700 | 40,750 | 46,500 | 48,000 | 52,500 | 45,000 | 50,000 | --- | --- | 38,000 | |
| | 20,500 | 22,920 | 25,750 | 33,000 | 36,000 | 36,000 | 40,044 | 45,000 | 35,000 | 40,000 | 33,000 | --- | 30,000 | |
| | 18,225 | 20,000 | 23,000 | 27,600 | 31,175 | 32,430 | 30,900 | 36,025 | 30,600 | 29,220 | --- | --- | 24,030 | |
| | 21,663 | 23,872 | 26,291 | 33,051 | 36,521 | 38,700 | 41,477 | 45,317 | 39,082 | 42,515 | 33,000 | --- | 32,195 | |
| | 5,023 | 5,266 | 5,098 | 7,692 | 9,295 | 8,661 | 12,369 | 11,630 | 13,566 | 15,491 | 1,414 | --- | 11,200 | |
| | 20 | 83 | 128 | 77 | 44 | 29 | 33 | 44 | 25 | 15 | 2 | 500 | | |
| Environmental chemistry | --- | 26,892 | 30,350 | 36,000 | 45,500 | 40,000 | --- | 46,925 | 70,375 | --- | --- | --- | 40,000 | |
| | 20,150 | 23,750 | 26,500 | 33,800 | 40,000 | 40,000 | 48,000 | 40,000 | 54,650 | 57,960 | 35,000 | --- | 32,250 | |
| | --- | 20,800 | 22,748 | 27,250 | 36,900 | 21,100 | --- | 26,850 | 36,375 | --- | --- | --- | 25,075 | |
| | 20,150 | 23,845 | 27,906 | 32,706 | 38,897 | 30,367 | 48,000 | 38,063 | 56,538 | 57,960 | 35,000 | --- | 34,711 | |
| | 5,162 | 4,334 | 7,371 | 6,287 | 8,647 | 9,455 | 11,314 | 11,688 | 23,438 | 7,128 | --- | --- | 13,521 | |
| | 2 | 10 | 17 | 25 | 10 | 3 | 2 | 8 | 8 | 2 | 1 | 88 | | |
| Organic chemistry | 23,085 | 26,750 | 32,500 | 41,000 | 42,250 | 51,000 | 59,000 | 60,000 | 57,250 | 73,000 | --- | --- | 48,000 | |
| | 21,000 | 25,000 | 27,500 | 28,000 | 38,000 | 38,640 | 52,000 | 45,000 | 46,300 | 59,600 | 37,500 | --- | 36,000 | |
| | 18,900 | 22,250 | 25,000 | 26,000 | 30,608 | 33,000 | 43,000 | 37,000 | 34,225 | 43,000 | --- | --- | 26,002 | |
| | 20,884 | 25,468 | 28,364 | 32,513 | 38,243 | 40,729 | 50,995 | 49,261 | 49,239 | 60,427 | 37,500 | --- | 38,885 | |
| | 3,057 | 6,878 | 5,355 | 10,273 | 8,621 | 10,219 | 11,504 | 16,665 | 18,295 | 21,934 | --- | --- | 16,556 | |
| | 10 | 24 | 31 | 20 | 17 | 15 | 21 | 23 | 12 | 15 | 1 | 189 | | |
| Inorganic chemistry | 27,775 | 29,425 | 31,000 | 52,000 | 42,250 | 58,750 | 60,900 | 52,620 | 63,950 | 50,000 | --- | --- | 46,000 | |
| | 22,800 | 25,150 | 26,000 | 44,000 | 39,000 | 40,000 | 45,000 | 43,910 | 46,350 | 45,000 | 70,000 | --- | 39,000 | |
| | 17,750 | 23,400 | 22,500 | 37,000 | 37,250 | 39,250 | 39,000 | 38,375 | 28,000 | 28,000 | --- | --- | 28,000 | |
| | 22,775 | 25,933 | 26,386 | 44,333 | 39,500 | 46,000 | 51,500 | 45,038 | 46,100 | 41,000 | 70,000 | --- | 40,193 | |
| | 5,222 | 3,344 | 4,408 | 7,506 | 2,646 | 12,675 | 17,694 | 10,041 | 18,581 | 11,533 | --- | --- | 15,268 | |
| | 4 | 6 | 7 | 3 | 4 | 4 | 11 | 8 | 4 | 3 | 1 | 55 | | |
| Pharmaceutical/ medicinal/ clinical chemistry | 25,500 | 24,648 | 31,000 | 36,875 | 45,000 | 63,000 | 58,300 | 61,000 | 50,500 | 100,000 | --- | --- | 40,250 | |
| | 21,700 | 22,500 | 25,600 | 30,000 | 40,000 | 48,550 | 52,683 | 50,170 | 40,000 | 88,500 | --- | --- | 29,900 | |
| | 18,906 | 20,898 | 22,084 | 27,300 | 33,000 | 34,075 | 41,841 | 34,300 | 36,000 | 29,800 | --- | --- | 22,590 | |
| | 22,822 | 22,657 | 27,699 | 31,873 | 39,487 | 48,238 | 50,941 | 49,397 | 48,600 | 72,767 | --- | --- | 34,089 | |
| | 4,955 | 3,368 | 8,342 | 8,051 | 7,343 | 14,899 | 8,906 | 16,316 | 23,275 | 37,652 | --- | --- | 15,806 | |
| | 8 | 24 | 35 | 13 | 15 | 8 | 4 | 9 | 7 | 3 | 0 | 126 | | |
| Physical chemistry | --- | 27,400 | 41,000 | 45,250 | --- | 57,090 | 50,375 | 52,000 | 53,000 | --- | --- | --- | 46,000 | |
| | 24,000 | 23,500 | 35,000 | 32,100 | 34,800 | 43,260 | 48,000 | 41,700 | 52,000 | 44,800 | --- | --- | 35,000 | |
| | --- | 16,280 | 24,000 | 27,075 | --- | 32,040 | 37,000 | 35,000 | 36,000 | --- | --- | --- | 27,600 | |
| | 24,000 | 22,172 | 33,991 | 34,717 | 34,800 | 44,130 | 45,125 | 42,900 | 47,000 | 44,800 | --- | --- | 36,783 | |
| | --- | 5,985 | 8,425 | 8,772 | --- | 12,975 | 7,685 | 8,563 | 9,539 | --- | --- | --- | 11,198 | |
| | 1 | 5 | 7 | 6 | 1 | 4 | 4 | 3 | 3 | 1 | 0 | 35 | | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | 16,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | 16,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16,000 | |
| | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Polymer/ macromolecular chemistry | 25,017 | 27,150 | 32,150 | 39,000 | 44,000 | 49,000 | 57,000 | 58,000 | 65,500 | 60,375 | --- | --- | 45,850 | |
| | 24,550 | 24,000 | 29,000 | 32,800 | 37,500 | 42,420 | 45,200 | 50,000 | 44,920 | 56,000 | 46,000 | --- | 35,000 | |
| | 16,000 | 20,500 | 26,038 | 28,000 | 32,400 | 34,500 | 38,000 | 42,000 | 39,875 | 38,110 | --- | --- | 26,120 | |
| | 21,594 | 24,057 | 28,962 | 34,430 | 38,085 | 42,396 | 45,664 | 51,207 | 50,634 | 50,748 | 46,000 | --- | 36,964 | |
| | 5,279 | 4,690 | 5,644 | 9,334 | 9,547 | 9,908 | 12,223 | 12,457 | 13,968 | 13,281 | --- | --- | 13,768 | |
| | 6 | 37 | 49 | 23 | 20 | 17 | 11 | 35 | 10 | 12 | 1 | 221 | | |
| Other chemistry | 20,388 | 26,900 | 32,750 | 40,800 | 51,500 | 46,110 | 60,000 | 56,500 | 41,850 | 74,250 | --- | --- | 43,000 | |
| | 18,500 | 23,700 | 28,000 | 36,000 | 39,900 | 41,534 | 50,000 | 46,000 | 37,420 | 42,000 | 52,800 | --- | 33,000 | |
| | 18,000 | 20,500 | 23,764 | 30,000 | 30,000 | 30,575 | 36,000 | 35,750 | 31,525 | 30,000 | --- | --- | 25,000 | |
| | 18,963 | 23,526 | 28,328 | 36,055 | 44,258 | 40,157 | 48,332 | 46,224 | 39,347 | 50,456 | 52,800 | --- | 36,156 | |
| | 1,259 | 4,839 | 7,164 | 10,341 | 21,988 | 10,642 | 11,721 | 14,132 | 11,916 | 25,796 | --- | --- | 15,360 | |
| | 3 | 29 | 41 | 15 | 17 | 12 | 11 | 21 | 20 | 9 | 1 | 179 | | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | --- | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | --- | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | --- | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | --- | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | --- | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | --- | 1,482 | |

Table 2.2.2

SALARIES of FULL-TIME EMPLOYED B.S. CHEMISTS IN PRIVATE INDUSTRY
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Mgt-R&D | --- | 25,440 | 41,400 | 50,000 | 49,750 | 53,625 | 59,200 | 65,000 | 70,000 | 61,000 | 70,000 | 55,500 | - 75th %ile |
| | --- | 16,224 | 31,100 | 40,000 | 41,260 | 44,000 | 54,000 | 48,480 | 45,000 | 58,000 | 35,000 | 45,500 | - 50th %ile |
| | --- | 14,560 | 29,142 | 33,000 | 33,750 | 34,750 | 45,000 | 45,000 | 38,750 | 41,600 | 32,000 | 36,000 | - 25th %ile |
| | --- | 18,741 | 35,443 | 42,047 | 42,801 | 45,216 | 52,775 | 53,275 | 51,464 | 57,762 | 45,667 | 47,524 | - Mean |
| | --- | 5,861 | 9,537 | 9,082 | 16,659 | 11,936 | 10,802 | 16,414 | 18,727 | 19,847 | 21,127 | 16,452 | - Std Dev |
| | 0 | 3 | 9 | 15 | 22 | 10 | 17 | 23 | 14 | 13 | 3 | 129 | - Count |
| Basic Research | 24,200 | 26,000 | 29,000 | 35,000 | 43,000 | 46,080 | --- | 62,000 | --- | --- | --- | 33,000 | |
| | 21,000 | 23,250 | 26,400 | 29,250 | 35,500 | 36,525 | --- | 42,000 | 35,000 | 45,000 | --- | 26,000 | |
| | 19,500 | 20,000 | 22,700 | 22,525 | 30,337 | 30,750 | --- | 35,000 | --- | --- | --- | 22,050 | |
| | 21,618 | 23,232 | 26,567 | 28,706 | 40,408 | 38,456 | --- | 45,643 | 35,000 | 45,000 | --- | 29,018 | |
| | 2,599 | 3,836 | 5,356 | 6,948 | 18,378 | 11,265 | --- | 12,704 | 1,414 | --- | --- | 10,859 | |
| | 13 | 31 | 31 | 16 | 12 | 8 | 0 | 7 | 2 | 1 | 0 | 121 | |
| Applied R&D | 25,600 | 26,200 | 30,950 | 36,000 | 42,500 | 46,130 | 45,500 | 51,750 | 47,840 | 59,500 | 46,000 | 38,950 | |
| | 21,100 | 23,600 | 26,600 | 30,350 | 35,250 | 38,580 | 41,400 | 45,500 | 41,000 | 42,500 | 41,750 | 30,000 | |
| | 18,356 | 21,000 | 23,000 | 27,700 | 31,000 | 32,415 | 34,000 | 37,000 | 33,700 | 35,500 | 34,875 | 24,000 | |
| | 22,423 | 23,758 | 27,463 | 31,756 | 37,748 | 39,639 | 40,192 | 45,563 | 40,964 | 48,749 | 40,875 | 32,552 | |
| | 4,888 | 4,129 | 5,818 | 6,610 | 8,352 | 10,388 | 9,446 | 11,282 | 9,850 | 18,991 | 6,088 | 11,528 | |
| | 18 | 97 | 117 | 52 | 34 | 30 | 25 | 44 | 27 | 16 | 4 | 464 | |
| Gen Mgt | --- | --- | 35,000 | 39,620 | 50,000 | 55,500 | 60,675 | 62,000 | 75,000 | 87,750 | --- | 60,000 | |
| | --- | 25,700 | 28,350 | 36,000 | 40,000 | 46,000 | 58,000 | 52,500 | 61,300 | 61,500 | --- | 46,683 | |
| | --- | --- | 25,000 | 31,500 | 36,000 | 35,600 | 48,987 | 38,900 | 44,500 | 44,500 | --- | 34,750 | |
| | --- | 25,700 | 30,697 | 36,304 | 41,573 | 45,640 | 58,851 | 51,446 | 62,908 | 62,111 | --- | 48,649 | |
| | --- | 424 | 7,847 | 6,343 | 6,608 | 10,509 | 13,360 | 17,036 | 21,641 | 22,072 | --- | 18,583 | |
| | 0 | 2 | 12 | 9 | 11 | 5 | 12 | 13 | 13 | 9 | 0 | 86 | |
| Marketing | --- | 31,000 | 38,000 | 43,500 | 58,000 | 48,297 | 57,000 | 58,125 | 56,625 | 64,700 | --- | 50,000 | |
| | 24,950 | 24,000 | 33,000 | 33,400 | 40,000 | 40,034 | 45,000 | 47,000 | 41,000 | 49,960 | --- | 40,000 | |
| | --- | 21,600 | 28,000 | 30,450 | 37,500 | 33,250 | 41,000 | 40,500 | 35,375 | 43,050 | --- | 30,250 | |
| | 24,950 | 26,195 | 32,797 | 37,038 | 45,045 | 41,574 | 47,941 | 48,620 | 47,604 | 51,177 | --- | 40,527 | |
| | 1,626 | 8,298 | 6,483 | 10,153 | 13,872 | 10,543 | 10,980 | 10,676 | 17,455 | 15,141 | --- | 13,525 | |
| | 2 | 19 | 35 | 20 | 11 | 14 | 17 | 28 | 14 | 12 | 0 | 172 | |
| Prod & QC | 25,633 | 28,025 | 30,000 | 37,000 | 39,990 | 50,000 | 51,500 | 44,625 | 44,000 | 41,250 | --- | 35,100 | |
| | 20,000 | 22,380 | 26,750 | 33,000 | 35,440 | 36,000 | 37,800 | 37,600 | 36,000 | 29,510 | 52,800 | 28,850 | |
| | 16,125 | 20,400 | 22,850 | 26,000 | 30,603 | 33,300 | 30,250 | 29,725 | 30,000 | 28,100 | --- | 24,000 | |
| | 20,619 | 23,618 | 26,107 | 33,092 | 35,051 | 39,797 | 41,346 | 38,313 | 36,813 | 36,053 | 52,800 | 30,550 | |
| | 5,275 | 5,272 | 5,590 | 8,932 | 8,935 | 10,669 | 12,904 | 10,943 | 11,099 | 15,256 | --- | 10,423 | |
| | 17 | 58 | 88 | 53 | 28 | 15 | 20 | 24 | 15 | 8 | 1 | 327 | |
| Forensic | 22,190 | 24,000 | 25,836 | 36,750 | 42,000 | 48,000 | 40,656 | 50,640 | --- | --- | --- | 36,000 | |
| | 20,194 | 21,200 | 22,500 | 32,000 | 36,600 | 31,000 | 36,448 | 40,500 | 34,500 | 24,000 | --- | 25,836 | |
| | 16,125 | 17,236 | 21,000 | 28,000 | 29,685 | 30,000 | 30,713 | 33,050 | --- | --- | --- | 21,000 | |
| | 19,368 | 21,660 | 23,057 | 32,778 | 36,044 | 36,333 | 35,939 | 41,576 | 34,500 | 24,000 | --- | 28,633 | |
| | 3,603 | 5,388 | 4,026 | 6,043 | 11,605 | 10,116 | 5,350 | 9,913 | 9,192 | --- | --- | 10,019 | |
| | 6 | 17 | 15 | 9 | 13 | 3 | 4 | 5 | 2 | 1 | 0 | 75 | |
| Writing/ Editing | --- | --- | 24,720 | 38,000 | --- | --- | --- | 53,400 | --- | --- | --- | 41,000 | |
| | --- | 21,320 | 24,000 | 37,000 | --- | --- | 58,000 | 50,000 | 28,698 | --- | --- | 28,000 | |
| | --- | --- | 22,900 | 29,000 | --- | --- | --- | 27,000 | --- | --- | --- | 24,540 | |
| | --- | 21,320 | 23,873 | 34,667 | --- | --- | 58,000 | 43,467 | 28,698 | --- | --- | 33,147 | |
| | --- | 6,675 | 917 | 4,933 | --- | --- | --- | 14,362 | 5,230 | --- | --- | 12,577 | |
| | 0 | 2 | 3 | 3 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 14 | |
| Data Processing | --- | --- | --- | --- | --- | --- | 39,000 | --- | --- | --- | --- | 40,000 | |
| | --- | --- | --- | 23,000 | --- | --- | 36,000 | --- | 41,000 | --- | --- | 36,000 | |
| | --- | --- | --- | --- | --- | --- | 31,500 | --- | --- | --- | --- | 27,250 | |
| | --- | --- | --- | 23,000 | --- | --- | 35,500 | --- | 41,000 | --- | --- | 34,100 | |
| | --- | --- | --- | --- | --- | --- | 3,775 | --- | --- | --- | --- | 7,162 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 5 | |
| Consulting | --- | 32,500 | 28,000 | 42,200 | --- | --- | --- | 72,000 | 39,000 | --- | --- | 42,600 | |
| | --- | 25,020 | 28,000 | 35,000 | 39,990 | 45,000 | 56,000 | 54,000 | 35,000 | --- | --- | 35,000 | |
| | --- | 19,500 | 22,000 | 29,000 | --- | --- | --- | 40,000 | 29,000 | --- | --- | 28,000 | |
| | --- | 25,673 | 26,000 | 35,480 | 39,990 | 45,000 | 56,000 | 55,333 | 34,333 | --- | --- | 37,257 | |
| | --- | 6,525 | 3,464 | 8,059 | 297 | --- | --- | 16,042 | 5,033 | --- | --- | 12,580 | |
| | 0 | 3 | 3 | 5 | 2 | 1 | 1 | 3 | 3 | 0 | 0 | 21 | |
| Other | --- | 27,375 | 28,980 | 40,800 | 44,500 | 51,000 | 67,700 | 57,900 | 75,000 | --- | --- | 46,100 | |
| | --- | 22,850 | 27,000 | 36,000 | 40,000 | 42,500 | 45,200 | 44,350 | 71,000 | 75,500 | --- | 39,540 | |
| | --- | 19,675 | 22,000 | 27,000 | 34,100 | 27,525 | 40,000 | 29,225 | 39,540 | --- | --- | 27,000 | |
| | --- | 23,300 | 25,898 | 34,686 | 39,440 | 40,400 | 52,120 | 44,900 | 61,847 | 75,500 | --- | 39,578 | |
| | --- | 4,122 | 4,223 | 6,620 | 6,218 | 14,100 | 14,860 | 17,790 | 19,421 | 34,648 | --- | 17,246 | |
| | 0 | 4 | 11 | 7 | 5 | 8 | 5 | 8 | 3 | 2 | 0 | 53 | |
| No Response | --- | --- | 29,600 | --- | --- | --- | --- | 52,500 | --- | --- | --- | 45,000 | |
| | --- | 25,350 | 23,000 | --- | --- | 48,000 | --- | 45,000 | --- | --- | --- | 29,600 | |
| | --- | --- | 23,000 | --- | --- | --- | --- | 38,680 | --- | --- | --- | 23,000 | |
| | --- | 25,350 | 25,277 | --- | --- | 48,000 | --- | 45,472 | --- | --- | --- | 33,533 | |
| | --- | 4,455 | 4,397 | --- | --- | --- | --- | 8,728 | --- | --- | --- | 11,873 | |
| | 0 | 2 | 7 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 15 | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | |

Table 2.2.2.1

SALARIES of B.S. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY -MEN Only
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Mgt-R&D | --- | --- | 40,200 | 48,925 | 51,250 | 56,750 | 60,000 | 65,000 | 52,000 | 62,000 | --- | 55,000 | - 75th %ile |
| | --- | 20,000 | 30,550 | 40,000 | 42,250 | 48,000 | 55,000 | 48,480 | 40,000 | 50,000 | 51,000 | 45,700 | - 50th %ile |
| | --- | --- | 27,675 | 34,250 | 37,725 | 35,170 | 48,000 | 45,000 | 35,000 | 40,000 | --- | 38,000 | - 25th %ile |
| | --- | 20,000 | 33,000 | 41,392 | 44,456 | 46,660 | 54,211 | 53,015 | 49,136 | 57,536 | 51,000 | 48,125 | - Mean |
| | 0 | 7,693 | 6,916 | 8,125 | 16,339 | 11,697 | 10,460 | 17,005 | 19,186 | 21,728 | 26,870 | 16,521 | - Std Dev |
| | | 2 | 6 | 12 | 20 | 9 | 15 | 21 | 11 | 11 | 109 | 109 | - Count |
| Basic Research | 21,400 | 27,550 | 29,975 | 35,000 | 43,000 | 44,430 | --- | 59,750 | --- | --- | --- | 35,000 | |
| | 20,000 | 24,425 | 27,150 | 31,000 | 35,500 | 36,525 | --- | 43,000 | 36,000 | 45,000 | --- | 27,600 | |
| | 19,000 | 21,851 | 24,125 | 23,800 | 30,537 | 28,500 | --- | 36,750 | --- | --- | --- | 23,775 | |
| | 20,049 | 24,607 | 27,690 | 29,227 | 42,125 | 37,715 | --- | 46,500 | 36,000 | 45,000 | --- | 30,589 | |
| | 2,019 | 3,128 | 5,024 | 7,499 | 21,928 | 12,306 | --- | 12,923 | --- | --- | --- | 11,925 | |
| | 7 | 12 | 20 | 11 | 6 | 0 | 4 | 1 | 1 | 0 | 70 | | |
| Applied R&D | 28,300 | 25,075 | 32,150 | 36,500 | 44,000 | 46,420 | 45,000 | 52,000 | 47,000 | 59,500 | 46,000 | 41,000 | |
| | 21,600 | 22,960 | 27,092 | 30,350 | 33,750 | 39,000 | 41,400 | 45,500 | 40,685 | 42,500 | 41,750 | 32,000 | |
| | 18,000 | 20,000 | 24,000 | 27,900 | 31,000 | 33,760 | 34,000 | 37,000 | 32,950 | 33,500 | 34,875 | 25,000 | |
| | 22,598 | 22,973 | 28,271 | 32,056 | 38,015 | 40,182 | 40,078 | 46,004 | 40,354 | 48,749 | 40,875 | 34,075 | |
| | 5,248 | 3,793 | 6,080 | 6,701 | 8,771 | 7,789 | 9,764 | 11,065 | 9,962 | 18,991 | 6,088 | 11,711 | |
| | 11 | 58 | 77 | 46 | 30 | 25 | 23 | 42 | 22 | 16 | 4 | 354 | |
| Gen Mgt | --- | --- | 35,934 | 39,620 | 50,000 | 57,750 | 67,950 | 62,000 | 75,000 | 87,750 | --- | 60,000 | |
| | --- | 25,400 | 30,000 | 36,000 | 40,000 | 48,500 | 58,000 | 52,500 | 60,000 | 61,500 | --- | 47,000 | |
| | --- | --- | 24,900 | 31,500 | 36,000 | 39,400 | 51,975 | 38,900 | 41,000 | 44,500 | --- | 35,250 | |
| | --- | 25,400 | 31,485 | 36,304 | 41,573 | 48,550 | 61,205 | 51,446 | 61,300 | 62,111 | --- | 49,210 | |
| | 0 | --- | 8,575 | 6,343 | 6,608 | 9,529 | 14,416 | 17,036 | 23,268 | 22,072 | --- | 18,647 | |
| | | 1 | 9 | 3 | 11 | 4 | 9 | 13 | 11 | 9 | 0 | 76 | |
| Marketing | --- | 33,000 | 38,000 | 46,000 | 59,500 | 47,180 | 56,750 | 58,500 | 59,875 | 64,700 | --- | 50,000 | |
| | 24,950 | 24,000 | 33,840 | 33,800 | 45,000 | 40,068 | 45,000 | 48,000 | 41,000 | 49,960 | --- | 40,000 | |
| | --- | 21,375 | 28,000 | 30,900 | 37,625 | 38,640 | 40,500 | 42,000 | 35,125 | 43,050 | --- | 31,950 | |
| | 24,950 | 27,186 | 33,184 | 37,751 | 48,438 | 43,308 | 46,688 | 49,124 | 48,038 | 51,177 | --- | 41,525 | |
| | 1,626 | 9,506 | 6,686 | 10,616 | 12,709 | 9,240 | 10,005 | 10,534 | 18,817 | 15,141 | --- | 13,453 | |
| | 2 | 14 | 31 | 17 | 8 | 11 | 16 | 27 | 12 | 12 | 0 | 150 | |
| Prod & QC | 25,917 | 28,600 | 30,000 | 38,125 | 39,990 | 50,000 | 55,250 | 44,250 | 43,300 | 45,000 | --- | 36,700 | |
| | 24,300 | 24,000 | 27,000 | 33,300 | 35,440 | 37,000 | 40,000 | 37,200 | 35,000 | 29,800 | 52,800 | 30,000 | |
| | 18,600 | 20,736 | 23,000 | 26,000 | 30,603 | 32,975 | 30,615 | 28,750 | 27,300 | 28,000 | --- | 24,959 | |
| | 23,333 | 24,040 | 26,910 | 33,765 | 35,051 | 40,068 | 42,495 | 37,672 | 36,092 | 37,146 | 52,800 | 31,901 | |
| | 5,577 | 5,456 | 5,178 | 9,145 | 8,935 | 11,018 | 13,498 | 10,706 | 11,595 | 16,136 | --- | 10,531 | |
| | 8 | 43 | 57 | 46 | 28 | 14 | 16 | 21 | 13 | 7 | 1 | 254 | |
| Forensic | 23,600 | 27,500 | 26,000 | 36,750 | 40,000 | --- | 40,656 | 50,640 | --- | --- | --- | 36,050 | |
| | 20,388 | 23,500 | 22,500 | 32,000 | 36,600 | 30,500 | 36,448 | 40,500 | 34,500 | 24,000 | --- | 30,000 | |
| | 13,500 | 16,736 | 21,000 | 28,000 | 30,870 | --- | 30,713 | 33,050 | --- | --- | --- | 23,000 | |
| | 19,163 | 22,664 | 23,914 | 32,778 | 36,867 | 30,500 | 35,939 | 41,576 | 34,500 | 24,000 | --- | 29,872 | |
| | 5,160 | 6,872 | 3,869 | 6,043 | 13,157 | 707 | 5,350 | 9,913 | 9,192 | --- | --- | 9,812 | |
| | 3 | 9 | 11 | 9 | 7 | 2 | 4 | 5 | 2 | 1 | 0 | 53 | |
| Writing/ Editing | --- | --- | --- | 37,500 | --- | --- | --- | 53,400 | --- | --- | --- | 53,400 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 37,000 | |
| | --- | --- | --- | 37,500 | --- | --- | --- | --- | --- | --- | --- | 42,800 | |
| | --- | --- | --- | 707 | --- | --- | --- | --- | --- | --- | --- | 9,193 | |
| | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | |
| Data Processing | --- | --- | --- | 23,000 | --- | --- | --- | 39,000 | --- | 41,000 | --- | 39,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23,000 | |
| | --- | --- | --- | 23,000 | --- | --- | --- | 39,000 | --- | 41,000 | --- | 34,333 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9,866 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | |
| Consulting | --- | 32,500 | --- | 45,100 | --- | --- | --- | --- | 39,000 | --- | --- | 45,750 | |
| | --- | 25,020 | 28,000 | 35,700 | 39,990 | 45,000 | 56,000 | 63,000 | 35,000 | --- | --- | 35,700 | |
| | --- | 19,500 | --- | 32,750 | --- | --- | --- | --- | 29,000 | --- | --- | 28,750 | |
| | --- | 25,673 | 28,000 | 37,850 | 39,990 | 45,000 | 56,000 | 63,000 | 34,333 | --- | --- | 38,578 | |
| | 0 | 6,525 | 0 | 7,011 | 297 | --- | --- | 12,728 | 5,033 | --- | --- | 12,757 | |
| | 3 | 2 | 4 | 2 | 1 | 1 | 2 | 3 | 0 | 0 | 18 | | |
| Other | --- | --- | 28,980 | 40,850 | 45,750 | 55,500 | 67,700 | 64,650 | 75,000 | --- | --- | 47,750 | |
| | --- | 23,750 | 27,200 | 38,000 | 40,100 | 45,000 | 45,200 | 44,500 | 71,000 | 100,000 | --- | 40,000 | |
| | --- | --- | 26,000 | 31,500 | 32,050 | 35,275 | 40,000 | 23,975 | 39,540 | --- | --- | 28,000 | |
| | --- | 23,750 | 26,840 | 36,300 | 39,300 | 44,517 | 52,120 | 45,083 | 61,847 | 100,000 | --- | 42,353 | |
| | 0 | 6,010 | 3,378 | 5,541 | 7,171 | 14,020 | 14,860 | 20,979 | 19,421 | --- | --- | 18,173 | |
| | 2 | 7 | 6 | 4 | 4 | 6 | 5 | 6 | 3 | 1 | 0 | 40 | |
| No Response | --- | --- | 30,840 | --- | --- | --- | --- | 56,250 | --- | --- | --- | 45,000 | |
| | --- | 25,350 | 24,580 | --- | --- | 48,000 | --- | 42,180 | --- | --- | --- | 32,400 | |
| | --- | --- | 23,000 | --- | --- | --- | --- | 38,340 | --- | --- | --- | 23,000 | |
| | --- | 25,350 | 26,140 | --- | --- | 48,000 | --- | 45,590 | --- | --- | --- | 35,056 | |
| | 0 | 4,455 | 4,431 | --- | --- | --- | --- | 10,073 | --- | --- | --- | 12,251 | |
| | 2 | 4 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 11 | | |
| TOTAL | 25,600 | 27,025 | 32,000 | 39,000 | 44,000 | 48,000 | 57,000 | 54,238 | 51,000 | 62,250 | 52,800 | 43,650 | |
| | 21,400 | 23,700 | 27,850 | 33,300 | 38,000 | 40,000 | 44,500 | 45,250 | 40,370 | 46,500 | 46,000 | 34,000 | |
| | 18,475 | 20,577 | 24,425 | 28,000 | 32,358 | 35,000 | 38,750 | 37,425 | 35,000 | 35,750 | 34,000 | 26,150 | |
| | 22,031 | 23,881 | 28,509 | 34,213 | 39,729 | 41,815 | 46,801 | 46,972 | 45,352 | 51,983 | 45,471 | 36,906 | |
| | 4,690 | 5,381 | 6,193 | 8,390 | 12,223 | 10,109 | 13,103 | 13,586 | 17,470 | 20,617 | 13,118 | 14,381 | |
| | 31 | 146 | 224 | 163 | 118 | 79 | 90 | 146 | 79 | 58 | 7 | 1,141 | |

Table 2.2.3

SALARIES of FULL-TIME EMPLOYED B.S. CHEMISTS IN PRIVATE INDUSTRY
by SUBORDINATES (PROFESSIONALS + TECHNICIANS) and YEARS SINCE BS
1984 Survey of ACS Members

| SUBORDINATES (Profs + Techs) | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| 0 | 24,550 | 25,500 | 29,250 | 36,500 | 40,000 | 40,767 | 43,500 | 49,990 | 45,670 | 62,375 | --- | 35,075 | - 75th %ile |
| | 20,600 | 23,000 | 25,600 | 30,000 | 31,850 | 36,000 | 38,000 | 41,000 | 39,000 | 47,900 | 33,000 | 28,000 | - 50th %ile |
| | 18,000 | 20,000 | 22,000 | 26,000 | 28,875 | 30,250 | 31,000 | 34,950 | 34,350 | 31,100 | --- | 22,500 | - 25th %ile |
| | 21,107 | 23,174 | 26,054 | 31,624 | 33,669 | 35,986 | 38,602 | 42,790 | 41,654 | 50,992 | 33,000 | 30,292 | - Mean |
| | 4,285 | 4,942 | 5,716 | 8,582 | 9,487 | 8,715 | 9,430 | 11,628 | 15,332 | 20,556 | 1,414 | 11,525 | - Std Dev |
| | 41 | 164 | 181 | 77 | 42 | 40 | 29 | 57 | 41 | 20 | 2 | 694 | - Count |
| 1-2 | 23,600 | 27,125 | 32,200 | 38,000 | 42,250 | 48,000 | 45,000 | 51,250 | 46,750 | 49,000 | --- | 40,000 | |
| | 19,000 | 24,000 | 28,550 | 33,500 | 36,750 | 39,800 | 40,000 | 42,000 | 40,270 | 36,240 | 36,250 | 33,000 | |
| | 17,000 | 21,000 | 24,500 | 29,750 | 33,000 | 32,000 | 33,000 | 36,900 | 30,175 | 29,250 | --- | 26,040 | |
| | 19,755 | 24,139 | 28,708 | 33,921 | 38,153 | 42,683 | 39,407 | 44,241 | 40,116 | 40,363 | 36,250 | 34,094 | |
| | 2,955 | 4,985 | 5,770 | 6,338 | 7,019 | 11,944 | 8,641 | 11,489 | 13,557 | 14,065 | 1,768 | 10,722 | |
| | 7 | 42 | 80 | 41 | 38 | 19 | 23 | 30 | 20 | 14 | 2 | 316 | |
| 3-7 | 32,000 | 30,000 | 33,000 | 40,000 | 45,000 | 49,575 | 59,000 | 54,963 | 56,650 | 71,000 | --- | 48,000 | |
| | 23,000 | 24,595 | 29,000 | 31,900 | 40,000 | 40,250 | 54,000 | 46,000 | 42,000 | 49,000 | 46,000 | 36,000 | |
| | 20,400 | 20,817 | 25,500 | 26,400 | 30,870 | 35,255 | 48,550 | 39,020 | 38,000 | 40,000 | --- | 29,000 | |
| | 25,143 | 25,180 | 29,595 | 33,572 | 40,617 | 43,913 | 54,534 | 47,009 | 46,419 | 53,460 | 46,000 | 39,404 | |
| | 5,360 | 5,077 | 6,421 | 8,331 | 15,825 | 10,624 | 13,182 | 12,838 | 12,471 | 20,680 | 0 | 14,669 | |
| | 7 | 26 | 51 | 44 | 23 | 22 | 25 | 46 | 21 | 15 | 2 | 282 | |
| 8-12 | --- | 28,500 | 32,914 | 40,120 | 51,000 | 50,787 | 60,000 | 53,800 | 84,250 | 61,500 | --- | 51,912 | |
| | 23,000 | 25,400 | 28,992 | 35,000 | 43,000 | 49,000 | 55,500 | 50,000 | 55,000 | 54,000 | --- | 42,000 | |
| | --- | 22,500 | 26,875 | 32,000 | 35,440 | 38,055 | 47,524 | 44,625 | 37,500 | 43,000 | --- | 33,150 | |
| | 21,600 | 25,480 | 28,843 | 36,416 | 43,919 | 45,395 | 51,865 | 51,050 | 59,700 | 51,943 | --- | 43,353 | |
| | --- | 3,202 | 4,774 | 7,302 | 9,985 | 7,692 | 9,751 | 11,714 | 26,085 | 9,844 | --- | 13,606 | |
| | 1 | 5 | 8 | 17 | 21 | 6 | 12 | 10 | 5 | 7 | 0 | 92 | |
| 13-17 | --- | --- | 42,000 | 50,000 | 77,350 | 58,250 | 59,200 | --- | --- | 82,750 | --- | 60,000 | |
| | --- | --- | 28,332 | 43,000 | 39,960 | 46,500 | 58,000 | 52,900 | 70,000 | 65,000 | --- | 49,000 | |
| | --- | --- | 25,000 | 37,000 | 36,500 | 35,500 | 44,000 | --- | --- | 52,500 | --- | 38,250 | |
| | --- | --- | 33,468 | 43,333 | 53,532 | 46,750 | 52,880 | 52,900 | 70,000 | 66,750 | --- | 49,879 | |
| | --- | --- | 10,159 | 6,506 | 25,028 | 11,871 | 8,618 | 12,869 | 0 | 15,777 | --- | 17,013 | |
| | 0 | 0 | 7 | 3 | 5 | 4 | 5 | 2 | 2 | 4 | 0 | 32 | |
| 18-22 | --- | --- | 31,000 | 46,000 | 43,025 | --- | 67,500 | 51,375 | 93,000 | --- | --- | 49,125 | |
| | --- | 35,160 | 27,000 | 32,000 | 40,050 | --- | 55,500 | 46,070 | 75,000 | --- | --- | 45,000 | |
| | --- | --- | 26,000 | 28,200 | 35,500 | --- | 45,000 | 45,000 | 32,000 | --- | --- | 32,000 | |
| | --- | 35,160 | 28,000 | 35,400 | 39,525 | --- | 56,000 | 45,955 | 66,667 | --- | --- | 45,196 | |
| | --- | --- | 2,646 | 9,374 | 4,127 | --- | 12,728 | 12,455 | 31,342 | --- | --- | 16,776 | |
| | 0 | 1 | 3 | 3 | 4 | 0 | 4 | 8 | 3 | 0 | 0 | 26 | |
| 23-32 | --- | --- | --- | 60,000 | --- | --- | 71,750 | 71,375 | --- | --- | --- | 70,500 | |
| | --- | --- | --- | 52,160 | 56,500 | 38,000 | 52,500 | 57,750 | 67,500 | 95,000 | 52,800 | 57,500 | |
| | --- | --- | --- | 46,000 | --- | --- | 42,250 | --- | --- | --- | --- | 43,750 | |
| | --- | --- | --- | 52,720 | 56,500 | 38,000 | 55,500 | 57,125 | 67,500 | 95,000 | 52,800 | 57,914 | |
| | --- | --- | --- | 7,017 | 17,678 | --- | 15,927 | 15,288 | 10,607 | --- | --- | 15,489 | |
| | 0 | 0 | 0 | 3 | 2 | 1 | 4 | 4 | 2 | 1 | 1 | 18 | |
| 33-47 | --- | --- | --- | --- | --- | 65,000 | --- | --- | --- | --- | --- | 66,250 | |
| | --- | --- | 56,000 | 40,000 | 34,800 | 54,500 | 43,000 | --- | 51,000 | 100,000 | 70,000 | 52,750 | |
| | --- | --- | --- | --- | --- | 48,000 | --- | --- | --- | --- | --- | 42,250 | |
| | --- | --- | 56,000 | 40,000 | 34,800 | 55,833 | 43,000 | --- | 51,000 | 100,000 | 70,000 | 56,230 | |
| | --- | --- | --- | --- | --- | 8,578 | --- | --- | --- | --- | --- | 18,792 | |
| | 0 | 0 | 1 | 1 | 1 | 3 | 1 | 0 | 1 | 1 | 1 | 10 | |
| 48-67 | --- | --- | --- | 48,500 | 48,000 | --- | --- | 73,750 | --- | --- | --- | 70,000 | |
| | --- | --- | --- | --- | --- | --- | 55,000 | 67,500 | --- | --- | --- | 64,000 | |
| | --- | --- | --- | 48,500 | 48,000 | --- | --- | 64,250 | --- | --- | --- | 46,250 | |
| | --- | --- | --- | --- | 5,657 | --- | 55,000 | 68,500 | --- | --- | --- | 58,722 | |
| | 0 | 0 | 0 | 1 | 2 | 0 | 21,213 | 5,066 | --- | --- | --- | 12,765 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | 0 | --- | --- | 9 | |
| 68-99 | --- | --- | --- | --- | --- | --- | --- | 90,000 | 79,500 | --- | --- | 84,750 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | 90,000 | 79,500 | --- | --- | 84,750 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7,425 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | |
| ≥ 100 | --- | --- | --- | --- | --- | --- | --- | 85,000 | --- | --- | --- | 85,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | 85,000 | --- | --- | --- | 85,000 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | |
| | 10,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | |

Table 2.2.4

SALARIES of FULL-TIME EMPLOYED B.S.CHEMISTS IN PRIVATE INDUSTRY
 by TOTAL NUMBER OF SUBORDINATES and YEARS SINCE BS
 1984 Survey of ACS Members

| TOTAL SUBORDINATES | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| 0 | 24,550 | 26,000 | 29,325 | 36,250 | 40,000 | 40,767 | 43,000 | 49,980 | 44,585 | 60,050 | — | 35,000 | - 75th %ile |
| | 20,600 | 23,000 | 25,350 | 30,300 | 31,850 | 36,000 | 37,300 | 40,500 | 39,000 | 43,200 | 33,000 | 27,750 | - 50th %ile |
| | 18,000 | 20,040 | 22,000 | 25,900 | 28,875 | 30,250 | 31,000 | 34,900 | 34,675 | 29,510 | — | 22,500 | - 25th %ile |
| | 21,107 | 23,317 | 25,962 | 31,629 | 33,976 | 35,986 | 37,745 | 42,400 | 42,100 | 49,049 | 33,000 | 30,117 | - Mean |
| | 4,285 | 4,915 | 5,623 | 8,706 | 9,514 | 8,715 | 8,374 | 11,539 | 15,539 | 21,474 | 1,414 | 11,286 | - Std Dev |
| | 41 | 159 | 172 | 74 | 38 | 40 | 28 | 55 | 38 | 17 | 2 | 664 | - Count |
| 1-2 | 23,600 | 26,170 | 31,800 | 38,000 | 41,500 | 48,000 | 45,150 | 52,000 | 46,000 | 58,500 | — | 40,000 | |
| | 19,000 | 24,000 | 28,250 | 33,800 | 36,500 | 39,800 | 40,500 | 42,000 | 41,000 | 44,000 | 36,250 | 32,700 | |
| | 17,000 | 20,500 | 24,930 | 29,250 | 32,800 | 34,000 | 33,500 | 37,500 | 30,000 | 31,500 | — | 26,040 | |
| | 19,755 | 23,737 | 28,735 | 33,994 | 37,493 | 42,411 | 41,278 | 46,097 | 39,141 | 44,863 | 36,250 | 34,156 | |
| | 2,955 | 4,879 | 5,882 | 6,340 | 6,744 | 10,920 | 10,136 | 10,959 | 11,334 | 15,659 | 1,768 | 10,915 | |
| | 7 | 41 | 78 | 41 | 37 | 17 | 20 | 27 | 15 | 14 | 2 | 299 | |
| 3-7 | 32,000 | 30,000 | 32,550 | 36,000 | 44,125 | 48,545 | 57,000 | 53,715 | 50,500 | 71,000 | — | 45,350 | |
| | 23,000 | 24,000 | 28,250 | 31,800 | 39,050 | 37,600 | 51,175 | 46,000 | 40,000 | 47,000 | 46,000 | 35,000 | |
| | 20,400 | 20,184 | 24,500 | 26,000 | 31,903 | 35,000 | 41,033 | 37,250 | 32,750 | 30,000 | — | 27,400 | |
| | 25,143 | 24,639 | 29,103 | 32,945 | 39,716 | 42,186 | 49,818 | 46,080 | 43,591 | 52,127 | 46,000 | 37,574 | |
| | 5,360 | 5,653 | 6,410 | 8,025 | 15,341 | 10,109 | 11,618 | 13,222 | 14,579 | 21,546 | 0 | 14,094 | |
| | 7 | 28 | 58 | 43 | 24 | 22 | 20 | 44 | 22 | 15 | 2 | 285 | |
| 8-12 | — | 27,125 | 32,828 | 39,810 | 50,000 | 57,324 | 60,000 | 52,800 | 66,750 | 62,000 | — | 51,486 | |
| | 21,600 | 24,700 | 28,000 | 33,800 | 43,000 | 50,500 | 55,000 | 49,000 | 49,500 | 54,000 | — | 40,000 | |
| | — | 22,750 | 24,250 | 32,000 | 35,000 | 36,110 | 39,500 | 43,875 | 36,250 | 43,000 | — | 32,268 | |
| | 21,600 | 24,817 | 28,082 | 35,068 | 43,542 | 47,474 | 50,953 | 46,500 | 54,750 | 52,871 | — | 42,474 | |
| | — | 2,200 | 5,015 | 6,939 | 11,693 | 11,792 | 12,308 | 10,015 | 22,155 | 9,677 | — | 14,205 | |
| | 1 | 6 | 9 | 16 | 19 | 5 | 13 | 12 | 8 | 7 | 0 | 96 | |
| 13-17 | — | — | 41,250 | 50,000 | 60,000 | — | 60,000 | 66,500 | — | 70,000 | — | 50,500 | |
| | — | 24,000 | 30,666 | 43,000 | 39,960 | 37,000 | 53,000 | 47,500 | 60,250 | 50,000 | — | 43,800 | |
| | — | — | 25,036 | 35,000 | 37,000 | — | 46,000 | 43,500 | — | 45,000 | — | 35,000 | |
| | — | 24,000 | 33,410 | 42,667 | 50,318 | 37,000 | 52,333 | 53,800 | 60,250 | 55,000 | — | 45,944 | |
| | — | 8,485 | 9,407 | 7,506 | 21,378 | 4,243 | 8,238 | 14,730 | 13,789 | 13,229 | — | 15,682 | |
| | 0 | 2 | 8 | 3 | 7 | 2 | 6 | 6 | 2 | 3 | 0 | 39 | |
| 18-22 | — | — | 35,000 | 46,750 | 48,000 | 60,000 | 66,500 | 51,035 | — | — | — | 52,750 | |
| | — | 32,080 | 27,000 | 41,500 | 40,100 | 53,000 | 61,200 | 45,820 | 33,500 | — | — | 45,000 | |
| | — | — | 26,000 | 30,400 | 34,500 | 50,000 | 55,050 | 45,000 | — | — | — | 35,000 | |
| | — | 32,080 | 29,333 | 39,550 | 41,020 | 54,333 | 59,967 | 47,285 | 33,500 | — | — | 44,634 | |
| | — | 4,356 | 4,933 | 8,802 | 7,345 | 5,132 | 8,165 | 3,562 | 2,121 | — | — | 12,100 | |
| | 0 | 2 | 3 | 4 | 5 | 3 | 6 | 4 | 2 | 0 | 0 | 29 | |
| 23-32 | — | — | — | 52,120 | 69,000 | — | 43,000 | 65,000 | — | — | — | 60,000 | |
| | — | — | 36,868 | 49,000 | 44,000 | 38,000 | 42,000 | 55,000 | 76,500 | 30,000 | 52,800 | 46,000 | |
| | — | — | — | 35,500 | 40,000 | — | 40,000 | 38,000 | — | — | — | 38,000 | |
| | — | — | 36,868 | 45,540 | 51,000 | 38,000 | 41,667 | 51,643 | 76,500 | 30,000 | 52,800 | 49,232 | |
| | — | — | — | 9,471 | 15,716 | — | 1,528 | 18,323 | 23,335 | — | — | 16,169 | |
| | 0 | 0 | 1 | 4 | 3 | 1 | 3 | 7 | 2 | 1 | 1 | 23 | |
| 33-47 | — | — | — | 55,000 | — | 65,000 | 62,000 | — | — | — | — | 62,000 | |
| | — | — | 56,000 | 40,000 | 35,400 | 54,500 | 45,000 | 45,500 | 51,000 | 95,000 | 70,000 | 48,000 | |
| | — | — | — | 37,000 | — | 48,000 | 43,000 | — | — | — | — | 40,000 | |
| | — | — | 56,000 | 44,000 | 35,400 | 56,100 | 50,000 | 45,500 | 51,000 | 95,000 | 70,000 | 52,358 | |
| | — | — | — | 10,832 | 849 | 8,547 | 10,440 | — | — | — | — | 14,899 | |
| | 0 | 0 | 1 | 4 | 2 | 5 | 3 | 1 | 1 | 1 | 1 | 19 | |
| 48-67 | — | — | — | — | — | — | 70,000 | 75,000 | 75,000 | — | — | 70,000 | |
| | — | — | 31,000 | 48,500 | 48,000 | — | 50,000 | 65,000 | 70,000 | 60,000 | — | 56,000 | |
| | — | — | — | — | — | — | 40,000 | 64,000 | 50,000 | — | — | 47,375 | |
| | — | — | 31,000 | 48,500 | 48,000 | — | 53,333 | 68,000 | 65,000 | 60,000 | — | 56,750 | |
| | — | — | — | — | 5,657 | — | 15,275 | 6,083 | 13,229 | — | — | 13,690 | |
| | 0 | 0 | 1 | 1 | 2 | 0 | 3 | 3 | 3 | 1 | 0 | 14 | |
| 68-99 | — | — | — | — | — | — | — | — | — | — | — | 88,250 | |
| | — | — | — | — | 54,000 | — | 92,000 | — | 71,750 | 74,250 | — | 71,750 | |
| | — | — | — | — | — | — | — | — | — | — | — | 59,625 | |
| | — | — | — | — | 54,000 | — | 92,000 | — | 71,750 | 74,250 | — | 73,000 | |
| | — | — | — | — | — | — | — | — | 10,960 | 18,031 | — | 15,320 | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 6 | |
| >=100 | — | — | — | — | — | — | — | 88,750 | — | — | — | 88,750 | |
| | — | — | — | — | — | — | — | 66,500 | 77,500 | 75,000 | 100,000 | 75,000 | |
| | — | — | — | — | — | — | — | — | 62,500 | — | — | 62,500 | |
| | — | — | — | — | — | — | — | 66,500 | 76,250 | 75,000 | 100,000 | 76,625 | |
| | — | — | — | — | — | — | — | 12,021 | 13,769 | — | — | 14,481 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 1 | 1 | 0 | 8 | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 49,000 | 40,685 | 48,000 | 41,750 | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | |

Table 2.2.5

SALARIES of B.S. CHEMISTS EMPLOYED FULL-TIME in PRIVATE INDUSTRY
by INDUSTRY EMPLOYERS and YEARS SINCE BS
1984 Survey of ACS Members

| EMPLOYER | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|-------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Mfg Chem | 24,475 | 26,648 | 33,645 | 43,000 | 50,000 | 50,000 | 55,750 | 57,000 | 61,500 | 60,000 | 70,000 | 47,000 | - 75th %ile |
| | 20,200 | 24,840 | 28,250 | 33,000 | 42,250 | 40,068 | 43,000 | 47,000 | 42,000 | 50,000 | 37,500 | 36,000 | - 50th %ile |
| | 17,425 | 21,900 | 24,875 | 27,345 | 34,875 | 35,000 | 37,800 | 40,000 | 36,000 | 43,000 | 34,000 | 27,069 | - 25th %ile |
| | 20,684 | 24,195 | 28,637 | 34,843 | 42,002 | 42,708 | 45,864 | 47,944 | 49,819 | 52,342 | 47,167 | 38,768 | - Mean |
| | 3,850 | 3,729 | 5,746 | 10,406 | 11,365 | 11,159 | 12,344 | 13,535 | 20,437 | 16,107 | 19,852 | 14,926 | - Std Dev |
| | 10 | 53 | 74 | 50 | 40 | 39 | 48 | 59 | 31 | 27 | 3 | 434 | - Count |
| Mfg Coatings | 29,400 | 24,000 | 31,040 | 36,000 | 47,250 | 35,500 | 50,075 | 58,500 | 46,000 | 83,500 | --- | 40,000 | |
| | 20,800 | 20,000 | 26,120 | 29,000 | 37,000 | 32,000 | 48,550 | 45,820 | 40,000 | 57,000 | --- | 30,800 | |
| | 17,750 | 18,000 | 24,540 | 25,500 | 23,000 | 29,000 | 39,750 | 37,250 | 37,500 | 31,620 | --- | 24,000 | |
| | 22,650 | 21,519 | 27,310 | 30,867 | 40,500 | 32,200 | 46,125 | 48,396 | 41,400 | 57,560 | --- | 34,389 | |
| | 6,518 | 4,789 | 5,555 | 7,149 | 22,663 | 4,324 | 6,162 | 13,835 | 5,459 | 24,318 | --- | 15,863 | |
| | 4 | 19 | 30 | 9 | 9 | 5 | 4 | 16 | 5 | 8 | 0 | 109 | |
| Mfg Food | --- | 24,050 | 28,500 | 40,000 | 55,025 | --- | 53,200 | 43,000 | 75,000 | 95,000 | --- | 41,850 | |
| | 20,000 | 21,000 | 23,000 | 35,000 | 37,050 | 34,750 | 40,000 | 37,200 | 70,000 | 60,000 | 46,000 | 30,350 | |
| | --- | 16,700 | 20,106 | 24,200 | 24,775 | --- | 35,000 | 30,600 | 44,000 | 43,200 | --- | 22,150 | |
| | 20,000 | 20,500 | 24,598 | 33,386 | 38,950 | 34,750 | 43,280 | 39,971 | 63,000 | 66,067 | 46,000 | 34,805 | |
| | 4,243 | 4,073 | 4,888 | 7,774 | 15,984 | 27,931 | 12,502 | 12,558 | 16,643 | 26,428 | --- | 16,625 | |
| | 2 | 5 | 17 | 7 | 4 | 2 | 5 | 7 | 3 | 3 | 1 | 56 | |
| Mfg Metals/ minerals | --- | 26,950 | 30,350 | 38,000 | 39,975 | 40,000 | 92,000 | 46,700 | 41,000 | --- | --- | 39,975 | |
| | 22,000 | 24,000 | 26,000 | 35,000 | 37,890 | 35,450 | 43,000 | 40,000 | 32,000 | 50,000 | --- | 33,336 | |
| | --- | 16,700 | 20,700 | 29,000 | 35,220 | 33,300 | 28,850 | 36,000 | 24,600 | --- | --- | 25,550 | |
| | 22,000 | 24,170 | 25,700 | 34,406 | 37,695 | 36,250 | 54,617 | 41,767 | 36,271 | 50,000 | --- | 34,402 | |
| | 5,657 | 2,994 | 5,633 | 7,739 | 2,629 | 3,421 | 33,139 | 6,070 | 15,089 | --- | --- | 12,338 | |
| | 2 | 5 | 13 | 11 | 4 | 3 | 3 | 11 | 7 | 1 | 0 | 60 | |
| Mfg Paper | --- | 35,000 | 35,875 | --- | 38,500 | --- | --- | --- | --- | --- | --- | 39,000 | |
| | 19,000 | 21,600 | 26,054 | 32,750 | 30,870 | --- | 50,500 | --- | 40,350 | 72,000 | --- | 30,870 | |
| | --- | 21,000 | 21,672 | --- | 29,818 | --- | --- | --- | --- | --- | --- | 25,608 | |
| | 19,000 | 25,867 | 27,867 | 32,750 | 33,501 | --- | 50,500 | --- | 40,350 | 72,000 | --- | 33,909 | |
| | --- | 7,915 | 7,901 | 1,061 | 4,914 | --- | --- | --- | 13,647 | --- | --- | 12,849 | |
| | 1 | 3 | 4 | 2 | 5 | 0 | 1 | 0 | 2 | 1 | 0 | 19 | |
| Mfg Petroleum | --- | 32,000 | 31,375 | 52,000 | 39,000 | --- | 61,500 | 56,280 | 68,500 | 92,750 | --- | 52,400 | |
| | 28,300 | 25,440 | 29,500 | 37,000 | 36,000 | 42,820 | 52,500 | 52,860 | 61,300 | 68,550 | 52,800 | 34,000 | |
| | --- | 23,600 | 25,000 | 32,292 | 30,000 | --- | 41,250 | 48,000 | 46,000 | 36,775 | --- | 27,125 | |
| | 28,300 | 28,523 | 29,117 | 40,542 | 41,243 | 42,820 | 51,000 | 54,949 | 55,684 | 66,025 | 52,800 | 40,787 | |
| | --- | 7,532 | 4,915 | 13,513 | 24,696 | 14,397 | 12,869 | 12,298 | 16,368 | 30,011 | --- | 17,889 | |
| | 1 | 15 | 16 | 7 | 7 | 2 | 6 | 7 | 7 | 4 | 1 | 73 | |
| Mfg Pharm | 24,000 | 24,966 | 30,000 | 35,000 | 43,250 | 49,100 | 58,000 | 59,850 | 50,375 | 83,250 | --- | 36,750 | |
| | 21,000 | 22,580 | 26,500 | 30,600 | 35,500 | 41,000 | 47,365 | 46,085 | 40,500 | 31,400 | --- | 28,200 | |
| | 18,900 | 21,000 | 22,900 | 27,000 | 31,325 | 34,000 | 40,000 | 34,150 | 35,475 | 28,750 | --- | 23,061 | |
| | 21,438 | 22,852 | 27,392 | 31,737 | 37,236 | 42,852 | 45,398 | 48,139 | 45,875 | 47,800 | --- | 31,827 | |
| | 4,538 | 3,632 | 7,285 | 6,735 | 7,488 | 12,004 | 11,771 | 18,017 | 18,559 | 34,853 | --- | 12,820 | |
| | 15 | 48 | 59 | 39 | 22 | 19 | 7 | 12 | 12 | 4 | 0 | 237 | |
| Mfg Rubber | --- | 31,200 | 29,250 | --- | 45,676 | --- | 42,375 | 55,000 | 64,000 | --- | --- | 42,125 | |
| | --- | 26,550 | 26,718 | 40,000 | 37,500 | 36,750 | 41,800 | 50,000 | 36,000 | 26,000 | --- | 35,500 | |
| | --- | 22,675 | 24,646 | --- | 35,500 | --- | 38,900 | 40,000 | 33,000 | --- | --- | 28,175 | |
| | --- | 26,467 | 26,221 | 40,000 | 38,892 | 36,750 | 41,025 | 48,669 | 43,910 | 26,000 | --- | 37,455 | |
| | --- | 4,820 | 3,549 | --- | 6,490 | 2,475 | 2,050 | 8,759 | 16,177 | --- | --- | 11,985 | |
| | 0 | 6 | 8 | 1 | 4 | 2 | 4 | 9 | 7 | 1 | 0 | 42 | |
| Mfg Other | 25,000 | 27,875 | 32,375 | 37,375 | 41,015 | 47,500 | 61,175 | 50,000 | 50,000 | 43,750 | --- | 40,000 | |
| | 21,360 | 23,781 | 28,000 | 33,100 | 37,750 | 40,000 | 48,500 | 43,100 | 40,000 | 39,050 | 39,000 | 32,000 | |
| | 19,625 | 20,000 | 23,000 | 27,250 | 33,500 | 36,000 | 36,125 | 35,000 | 35,000 | 29,500 | --- | 25,000 | |
| | 21,646 | 23,800 | 28,195 | 32,579 | 39,051 | 41,757 | 48,956 | 43,423 | 41,017 | 38,820 | 39,000 | 33,605 | |
| | 3,216 | 5,078 | 6,575 | 6,701 | 8,273 | 8,163 | 14,741 | 12,751 | 9,506 | 10,578 | 9,899 | 11,546 | |
| | 10 | 56 | 68 | 40 | 32 | 17 | 18 | 32 | 15 | 10 | 2 | 300 | |
| Non-Mfg | 24,000 | 24,000 | 28,985 | 40,000 | 40,200 | 37,900 | 54,000 | 56,513 | 39,000 | 63,000 | --- | 36,000 | |
| | 20,600 | 20,922 | 25,500 | 35,000 | 32,600 | 32,500 | 40,044 | 51,250 | 35,000 | 58,000 | 35,000 | 28,000 | |
| | 17,000 | 18,250 | 21,825 | 29,875 | 24,000 | 27,775 | 31,926 | 28,825 | 29,000 | 28,000 | --- | 22,000 | |
| | 21,318 | 22,256 | 26,558 | 35,107 | 32,562 | 32,217 | 43,238 | 45,795 | 35,857 | 49,667 | 35,000 | 30,587 | |
| | 5,634 | 6,003 | 7,109 | 8,029 | 11,585 | 6,612 | 11,784 | 16,778 | 11,553 | 18,930 | --- | 11,721 | |
| | 11 | 28 | 42 | 24 | 11 | 6 | 9 | 10 | 7 | 3 | 1 | 152 | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | |

Table 2.2.6

SALARIES of FULL-TIME EMPLOYED B.S. CHEMISTS IN PRIVATE INDUSTRY
by GEOGRAPHIC REGION and YEARS SINCE BS
1984 Survey of ACS Members

| REGION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Pacific | --- | 26,825 | 33,500 | 40,500 | 47,500 | 42,500 | 54,000 | 63,400 | 40,000 | 87,000 | 51,100 | 42,000 | - 75th %-ile |
| | 33,000 | 23,712 | 28,000 | 37,750 | 36,000 | 39,000 | 42,500 | 53,000 | 35,000 | 73,000 | 41,750 | 33,000 | - 50th %-ile |
| | --- | 19,850 | 24,750 | 32,563 | 28,318 | 31,000 | 38,250 | 40,250 | 24,000 | 29,220 | 34,250 | 26,300 | - 25th %-ile |
| | 33,000 | 23,488 | 29,206 | 37,883 | 38,049 | 37,009 | 45,000 | 51,675 | 33,000 | 63,073 | 44,163 | 36,332 | - Mean |
| | --- | 4,372 | 7,017 | 8,361 | 14,639 | 7,220 | 9,675 | 17,095 | 8,185 | 30,142 | 12,697 | 14,064 | - Std Dev |
| | 1 | 16 | 34 | 14 | 13 | 11 | 6 | 14 | 3 | 3 | 8 | 123 | - Count |
| Mountain | --- | 31,130 | 31,300 | 30,000 | 40,950 | --- | --- | --- | --- | --- | --- | 34,226 | |
| | 25,950 | 24,000 | 27,000 | 28,500 | 37,500 | --- | 55,500 | 34,750 | --- | 26,000 | --- | 28,300 | |
| | --- | 22,000 | 22,650 | 25,000 | 24,800 | --- | --- | --- | --- | --- | --- | 24,000 | |
| | 25,950 | 26,507 | 26,664 | 28,229 | 33,800 | --- | 55,500 | 34,750 | --- | 26,000 | --- | 29,517 | |
| | 3,323 | 6,965 | 5,559 | 3,823 | 10,600 | --- | 707 | 7,425 | --- | --- | --- | 8,798 | |
| | 2 | 9 | 13 | 7 | 5 | 0 | 2 | 2 | 0 | 1 | 0 | 41 | |
| W.N. Central | --- | 24,200 | 28,675 | 35,250 | 50,000 | 36,000 | 34,000 | 58,000 | --- | --- | --- | 37,000 | |
| | 24,720 | 21,100 | 24,560 | 30,000 | 43,000 | 34,000 | 32,460 | 44,000 | 60,000 | 44,900 | --- | 30,000 | |
| | --- | 17,000 | 20,000 | 26,040 | 40,500 | 31,500 | 27,500 | 35,000 | --- | --- | --- | 24,040 | |
| | 24,720 | 21,109 | 24,980 | 31,080 | 44,500 | 33,833 | 31,092 | 49,387 | 60,000 | 44,900 | --- | 33,217 | |
| | 1,952 | 4,364 | 5,091 | 6,047 | 5,260 | 2,255 | 3,431 | 17,122 | 14,142 | 21,355 | --- | 13,990 | |
| | 2 | 11 | 14 | 12 | 4 | 3 | 5 | 11 | 2 | 2 | 0 | 66 | |
| W.S. Central | 29,950 | 30,075 | 32,775 | 42,000 | 52,000 | 50,000 | 54,475 | 61,500 | 63,375 | 93,500 | --- | 48,000 | |
| | 22,400 | 26,496 | 26,200 | 35,000 | 39,960 | 46,000 | 45,000 | 53,000 | 58,150 | 71,000 | --- | 33,300 | |
| | 18,000 | 23,550 | 23,375 | 28,100 | 31,000 | 32,220 | 34,350 | 38,500 | 41,000 | 27,000 | --- | 25,800 | |
| | 23,450 | 26,414 | 28,683 | 35,723 | 39,905 | 44,470 | 44,739 | 51,957 | 53,288 | 63,833 | --- | 37,802 | |
| | 6,346 | 4,480 | 7,426 | 9,929 | 11,853 | 11,872 | 9,930 | 15,003 | 17,549 | 33,824 | --- | 15,375 | |
| | 4 | 21 | 26 | 13 | 11 | 7 | 9 | 16 | 8 | 3 | 0 | 118 | |
| E.N. Central | 21,000 | 26,270 | 30,105 | 36,400 | 40,250 | 41,375 | 50,000 | 49,000 | 48,380 | 62,000 | --- | 40,000 | |
| | 19,100 | 23,600 | 28,000 | 32,000 | 36,000 | 35,725 | 43,000 | 42,000 | 35,750 | 54,000 | --- | 30,000 | |
| | 17,375 | 21,000 | 24,665 | 27,360 | 31,475 | 32,415 | 38,000 | 38,680 | 31,675 | 36,000 | --- | 24,875 | |
| | 19,409 | 23,914 | 28,709 | 33,646 | 38,426 | 36,639 | 44,360 | 42,934 | 43,540 | 53,382 | --- | 33,350 | |
| | 2,197 | 4,229 | 6,541 | 9,779 | 12,981 | 8,270 | 9,846 | 10,789 | 19,626 | 20,930 | --- | 12,998 | |
| | 14 | 65 | 82 | 47 | 26 | 18 | 27 | 21 | 26 | 11 | 0 | 337 | |
| E.S. Central | 24,700 | 24,567 | 31,460 | 47,125 | 43,250 | 37,200 | 54,250 | 37,000 | --- | --- | --- | 40,000 | |
| | 23,040 | 24,000 | 27,700 | 37,500 | 40,100 | 36,000 | 41,500 | 33,372 | 42,600 | 55,000 | --- | 31,000 | |
| | 23,000 | 21,750 | 22,500 | 23,750 | 36,000 | 29,100 | 29,503 | 26,000 | --- | --- | --- | 24,700 | |
| | 23,580 | 23,439 | 26,842 | 36,125 | 39,200 | 34,100 | 41,751 | 31,874 | 42,600 | 55,000 | --- | 33,040 | |
| | 970 | 1,665 | 6,000 | 12,612 | 5,004 | 4,371 | 13,123 | 5,608 | --- | 7,071 | --- | 10,233 | |
| | 3 | 4 | 11 | 4 | 6 | 3 | 4 | 5 | 1 | 2 | 0 | 43 | |
| Mid-Atlantic | 24,800 | 26,000 | 30,025 | 39,000 | 41,000 | 50,500 | 59,500 | 54,700 | 52,350 | 51,000 | --- | 43,150 | |
| | 20,200 | 23,340 | 26,750 | 33,000 | 37,000 | 40,000 | 47,850 | 45,000 | 41,000 | 43,000 | --- | 33,000 | |
| | 18,500 | 20,000 | 23,000 | 29,300 | 35,000 | 32,500 | 39,261 | 35,750 | 35,650 | 30,000 | --- | 25,700 | |
| | 21,443 | 23,560 | 26,833 | 34,492 | 38,648 | 42,102 | 50,420 | 46,550 | 48,559 | 42,473 | --- | 35,875 | |
| | 3,553 | 6,124 | 5,227 | 7,647 | 7,864 | 12,470 | 14,400 | 13,013 | 18,985 | 12,181 | --- | 13,909 | |
| | 15 | 43 | 62 | 39 | 31 | 29 | 20 | 41 | 21 | 15 | 0 | 316 | |
| So. Atlantic | 26,000 | 25,750 | 29,475 | 40,000 | 46,000 | 51,162 | 63,750 | 45,875 | 43,410 | 58,000 | --- | 41,010 | |
| | 25,600 | 22,000 | 25,100 | 35,000 | 40,000 | 38,320 | 56,000 | 40,500 | 41,000 | 45,400 | --- | 32,000 | |
| | 14,625 | 18,200 | 21,925 | 28,000 | 31,600 | 36,625 | 38,000 | 31,650 | 33,500 | 36,885 | --- | 24,392 | |
| | 21,370 | 22,395 | 25,562 | 35,119 | 39,315 | 42,097 | 52,738 | 39,400 | 40,380 | 47,185 | --- | 34,202 | |
| | 6,211 | 5,136 | 5,843 | 8,086 | 10,554 | 11,002 | 15,128 | 11,948 | 12,676 | 12,486 | --- | 13,377 | |
| | 5 | 28 | 28 | 18 | 21 | 10 | 12 | 10 | 9 | 8 | 0 | 149 | |
| New England | 26,300 | 28,000 | 31,575 | 40,500 | 49,000 | 46,200 | 55,500 | 51,750 | 70,000 | 90,000 | --- | 42,420 | |
| | 20,600 | 21,700 | 27,046 | 32,000 | 33,000 | 42,420 | 44,000 | 46,200 | 47,000 | 49,000 | --- | 32,000 | |
| | 15,000 | 16,850 | 24,500 | 25,900 | 25,435 | 39,800 | 32,500 | 38,506 | 30,000 | 35,000 | --- | 25,000 | |
| | 20,640 | 22,573 | 27,767 | 33,060 | 36,374 | 42,807 | 44,000 | 47,015 | 47,857 | 58,429 | --- | 36,132 | |
| | 7,083 | 5,899 | 7,174 | 7,061 | 14,753 | 3,217 | 11,888 | 13,052 | 19,074 | 27,147 | --- | 16,640 | |
| | 5 | 12 | 18 | 10 | 5 | 3 | 4 | 12 | 7 | 7 | 0 | 83 | |
| No Response | 22,800 | 24,500 | 30,800 | 37,100 | 49,392 | 53,000 | 62,250 | 54,000 | 50,000 | 74,625 | --- | 45,175 | |
| | 20,388 | 22,200 | 28,000 | 31,250 | 38,750 | 48,000 | 44,000 | 48,000 | 40,370 | 56,710 | --- | 34,350 | |
| | 16,500 | 20,100 | 22,084 | 23,625 | 28,500 | 40,000 | 35,000 | 40,000 | 36,000 | 42,900 | --- | 24,000 | |
| | 19,798 | 23,144 | 27,046 | 30,991 | 41,842 | 48,122 | 47,117 | 48,221 | 44,779 | 59,512 | --- | 37,050 | |
| | 3,446 | 4,128 | 6,288 | 7,436 | 18,798 | 11,721 | 15,666 | 10,616 | 12,814 | 21,859 | --- | 15,664 | |
| | 5 | 29 | 43 | 26 | 16 | 11 | 16 | 31 | 19 | 10 | 0 | 206 | |
| TOTAL | 24,300 | 26,349 | 30,555 | 38,000 | 43,250 | 48,000 | 56,500 | 54,000 | 51,750 | 61,625 | 51,100 | 42,000 | |
| | 20,800 | 23,500 | 27,000 | 33,000 | 38,000 | 39,000 | 45,000 | 45,000 | 40,685 | 48,000 | 41,750 | 32,000 | |
| | 18,119 | 20,175 | 23,000 | 27,575 | 32,000 | 33,000 | 37,200 | 37,000 | 35,000 | 35,750 | 34,250 | 25,000 | |
| | 21,451 | 23,662 | 27,573 | 33,710 | 39,057 | 40,857 | 46,428 | 46,565 | 45,718 | 51,813 | 44,163 | 35,125 | |
| | 4,431 | 5,007 | 6,315 | 8,449 | 11,947 | 10,782 | 12,902 | 13,399 | 17,079 | 20,198 | 12,697 | 14,089 | |
| | 56 | 238 | 331 | 190 | 138 | 95 | 105 | 163 | 96 | 62 | 8 | 1,482 | |

Table 2.3.1

SALARIES OF M.S. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|-----|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | | | |
| Biochemistry | --- | --- | 35,250 | 37,500 | 35,500 | 54,500 | --- | --- | --- | --- | --- | --- | --- | 37,875 | - 75th %ile |
| | --- | 25,500 | 32,000 | 30,000 | 32,600 | 38,000 | --- | 44,000 | 31,500 | 86,600 | 44,000 | --- | --- | 33,500 | - 50th %ile |
| | --- | --- | 27,850 | 21,500 | 31,000 | 34,000 | --- | --- | --- | --- | --- | --- | --- | 30,250 | - 25th %ile |
| | --- | 25,500 | 31,700 | 29,667 | 33,120 | 42,167 | --- | 44,000 | 31,500 | 86,600 | 44,000 | --- | --- | 36,975 | - Mean |
| | --- | --- | 3,859 | 8,005 | 2,402 | 10,867 | --- | --- | --- | --- | --- | --- | --- | 13,730 | - Std Dev |
| | 0 | 1 | 4 | 3 | 5 | 3 | 0 | 1 | 1 | 1 | 1 | 1 | 20 | - Count | |
| Agricultural/ food chemistry | --- | --- | 33,200 | 42,500 | --- | 61,100 | 45,000 | 77,500 | --- | --- | --- | --- | --- | 45,000 | |
| | --- | 24,600 | 26,300 | 35,280 | 34,860 | 45,000 | 43,250 | 47,500 | 41,000 | 42,200 | 40,000 | --- | --- | 38,000 | |
| | --- | --- | 22,700 | 28,000 | --- | 35,500 | 38,000 | 36,500 | --- | --- | --- | --- | --- | 28,000 | |
| | --- | 24,600 | 27,400 | 36,302 | 34,860 | 47,200 | 42,083 | 55,056 | 41,000 | 42,200 | 40,000 | --- | --- | 40,675 | |
| | --- | 849 | 5,593 | 8,508 | 6,873 | 12,941 | 3,643 | 24,567 | --- | --- | --- | --- | --- | 16,161 | |
| | 0 | 2 | 4 | 13 | 2 | 3 | 3 | 9 | 1 | 1 | 1 | 2 | 40 | | |
| Analytical chemistry | --- | 28,350 | 32,725 | 36,000 | 42,750 | 49,750 | 55,750 | 49,200 | 56,475 | --- | 62,500 | --- | --- | 41,910 | |
| | --- | 25,000 | 29,350 | 33,000 | 38,000 | 44,250 | 43,000 | 41,000 | 46,750 | 32,500 | 50,000 | --- | --- | 34,000 | |
| | --- | 20,000 | 25,550 | 29,000 | 32,000 | 31,932 | 38,500 | 35,750 | 41,075 | --- | 39,250 | --- | --- | 30,000 | |
| | --- | 24,340 | 29,009 | 33,142 | 38,871 | 42,277 | 46,725 | 42,979 | 48,292 | 32,500 | 50,700 | --- | --- | 36,611 | |
| | --- | 4,351 | 5,482 | 5,925 | 10,802 | 10,532 | 11,150 | 9,713 | 9,068 | 12,021 | 14,873 | --- | --- | 10,538 | |
| | 0 | 5 | 48 | 63 | 38 | 22 | 12 | 21 | 10 | 2 | 5 | 2 | 226 | | |
| Environmental chemistry | --- | --- | 34,038 | 36,625 | 41,000 | 59,000 | 46,750 | --- | 59,375 | --- | --- | --- | --- | 40,000 | |
| | --- | 27,300 | 28,250 | 32,600 | 36,000 | 33,000 | 36,000 | 37,900 | 42,450 | 42,000 | 30,800 | --- | --- | 33,550 | |
| | --- | --- | 23,063 | 28,875 | 28,700 | 25,750 | 35,500 | --- | 34,675 | --- | --- | --- | --- | 28,000 | |
| | --- | 27,300 | 28,763 | 33,743 | 35,467 | 40,500 | 40,100 | 37,900 | 45,500 | 42,000 | 30,800 | --- | --- | 34,591 | |
| | --- | --- | 7,354 | 9,057 | 6,435 | 17,226 | 6,148 | 2,970 | 13,885 | --- | 3,960 | --- | --- | 10,041 | |
| | 0 | 1 | 16 | 14 | 6 | 5 | 2 | 4 | 1 | 2 | 2 | 56 | | | |
| Organic chemistry | --- | --- | 30,130 | 37,450 | 49,000 | 55,000 | 51,000 | 63,000 | 63,250 | 50,000 | 46,450 | --- | --- | 50,000 | |
| | --- | 23,000 | 27,120 | 33,400 | 40,000 | 50,000 | 44,000 | 47,460 | 50,000 | 50,000 | 39,000 | --- | --- | 40,500 | |
| | --- | --- | 25,380 | 30,000 | 34,560 | 42,000 | 40,700 | 35,000 | 40,630 | 48,500 | 32,500 | --- | --- | 31,000 | |
| | --- | 23,000 | 27,867 | 33,766 | 42,482 | 50,089 | 45,234 | 49,882 | 50,444 | 49,500 | 39,263 | --- | --- | 42,228 | |
| | --- | 2,828 | 4,713 | 5,573 | 12,270 | 9,370 | 9,597 | 17,044 | 14,140 | 1,000 | 7,998 | --- | --- | 13,429 | |
| | 0 | 2 | 17 | 25 | 21 | 19 | 11 | 20 | 18 | 4 | 8 | 145 | | | |
| Inorganic chemistry | --- | --- | 31,975 | 45,000 | 51,000 | 55,000 | --- | --- | 47,520 | --- | --- | --- | --- | 48,015 | |
| | --- | 27,250 | 29,780 | 37,000 | 45,200 | 45,500 | 60,000 | 63,250 | 44,250 | --- | 52,000 | --- | --- | 40,550 | |
| | --- | --- | 27,390 | 32,125 | 32,000 | 38,000 | --- | --- | 30,000 | --- | --- | --- | --- | 31,750 | |
| | --- | 27,250 | 29,715 | 37,083 | 42,733 | 46,943 | 60,000 | 63,250 | 40,590 | --- | 52,000 | --- | --- | 42,164 | |
| | --- | 1,061 | 2,383 | 8,028 | 9,737 | 9,244 | --- | 35,709 | 9,316 | --- | 8,485 | --- | --- | 13,585 | |
| | 0 | 2 | 4 | 6 | 3 | 7 | 1 | 2 | 3 | 0 | 2 | 30 | | | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | 30,278 | 30,700 | 36,625 | 42,000 | 48,625 | 55,000 | 79,750 | 85,000 | 50,000 | --- | --- | --- | 40,000 | |
| | --- | 26,200 | 26,750 | 33,250 | 38,900 | 44,500 | 35,000 | 54,425 | 57,500 | 40,000 | 40,000 | --- | --- | 35,190 | |
| | --- | 25,750 | 23,750 | 30,150 | 35,275 | 41,500 | 29,600 | 35,125 | 52,000 | 38,000 | --- | --- | --- | 30,000 | |
| | --- | 27,651 | 27,325 | 33,985 | 39,735 | 44,875 | 39,867 | 57,558 | 64,833 | 42,667 | 40,000 | --- | --- | 37,031 | |
| | --- | 2,419 | 4,639 | 5,926 | 7,595 | 3,705 | 13,381 | 24,968 | 17,680 | 6,429 | 2,828 | --- | --- | 12,392 | |
| | 0 | 5 | 22 | 26 | 26 | 4 | 3 | 6 | 3 | 3 | 2 | 100 | | | |
| Physical chemistry | --- | --- | 35,000 | 43,750 | 67,500 | --- | 56,000 | --- | 90,000 | 75,100 | --- | --- | --- | 60,000 | |
| | --- | 25,250 | 30,000 | 39,000 | 45,000 | --- | 43,000 | 48,000 | 76,000 | 71,500 | 54,000 | --- | --- | 38,000 | |
| | --- | --- | 24,400 | 32,150 | 31,050 | --- | 18,600 | --- | 36,000 | 40,000 | --- | --- | --- | 30,000 | |
| | --- | 25,250 | 30,083 | 38,300 | 47,850 | --- | 39,200 | 48,000 | 67,333 | 62,200 | 54,000 | --- | --- | 43,712 | |
| | --- | 3,182 | 5,477 | 6,150 | 20,112 | --- | 20,576 | 16,971 | 28,024 | 19,310 | 25,456 | --- | --- | 19,353 | |
| | 0 | 2 | 7 | 4 | 4 | 0 | 4 | 2 | 3 | 3 | 2 | 31 | | | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Polymer/ macromolecular chemistry | --- | 32,000 | 36,000 | 45,500 | 48,375 | 57,970 | 51,750 | 53,000 | 51,500 | 51,400 | 85,000 | --- | --- | 48,180 | |
| | --- | 28,000 | 31,260 | 40,100 | 41,250 | 48,000 | 44,200 | 49,000 | 45,798 | 40,000 | 37,200 | --- | --- | 40,000 | |
| | --- | 25,440 | 29,600 | 34,000 | 34,765 | 37,175 | 37,750 | 42,000 | 37,750 | 32,500 | 27,850 | --- | --- | 32,000 | |
| | --- | 28,849 | 32,919 | 39,902 | 41,698 | 50,083 | 45,950 | 50,737 | 46,241 | 45,373 | 52,580 | --- | --- | 41,997 | |
| | --- | 4,653 | 5,551 | 8,891 | 7,990 | 15,557 | 9,779 | 14,112 | 13,078 | 20,043 | 30,286 | --- | --- | 13,369 | |
| | 0 | 7 | 35 | 28 | 24 | 14 | 19 | 12 | 11 | 5 | 5 | 169 | | | |
| Other chemistry | --- | 26,000 | 34,375 | 42,750 | 54,480 | 51,900 | 58,500 | 66,600 | 60,750 | 95,000 | 61,000 | --- | --- | 54,000 | |
| | --- | 25,000 | 30,300 | 36,500 | 42,000 | 40,000 | 45,000 | 57,000 | 52,000 | 63,450 | 50,000 | --- | --- | 43,000 | |
| | --- | 22,000 | 26,100 | 31,250 | 38,000 | 28,870 | 40,000 | 50,000 | 46,250 | 45,475 | 42,000 | --- | --- | 32,000 | |
| | --- | 24,333 | 30,208 | 37,865 | 45,907 | 42,270 | 47,778 | 58,860 | 53,625 | 67,975 | 51,000 | --- | --- | 45,449 | |
| | --- | 2,082 | 5,600 | 7,121 | 14,332 | 17,118 | 12,316 | 15,911 | 15,793 | 26,722 | 9,539 | --- | --- | 16,728 | |
| | 0 | 3 | 12 | 16 | 11 | 10 | 9 | 15 | 8 | 4 | 3 | 91 | | | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | --- | --- | 46,000 | |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,500 | 45,950 | 42,000 | --- | --- | 37,000 | |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | --- | --- | 30,200 | |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | --- | --- | 39,931 | |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | --- | --- | 13,579 | |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | | | |

Table 2.3.1.1

SALARIES of M.S. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY -MEN Only
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | | |
| Biochemistry | --- | --- | 36,000 | 37,500 | 35,500 | 54,500 | --- | --- | --- | --- | --- | --- | 38,000 | - 75th %-ile |
| | --- | 25,500 | 33,000 | 30,000 | 32,600 | 38,000 | --- | 44,000 | 31,500 | 86,600 | 44,000 | --- | 34,000 | - 50th %-ile |
| | --- | --- | 31,000 | 21,500 | 31,000 | 34,000 | --- | --- | --- | --- | --- | --- | 31,000 | - 25th %-ile |
| | --- | 25,500 | 33,333 | 29,667 | 33,120 | 42,167 | --- | 44,000 | 31,500 | 86,600 | 44,000 | --- | 37,511 | - Mean |
| | --- | --- | 2,517 | 8,005 | 2,402 | 10,867 | --- | --- | --- | --- | --- | --- | 13,890 | - Std Dev |
| | 0 | 1 | 3 | 3 | 5 | 3 | 0 | 1 | 1 | 1 | 1 | --- | 19 | - Count |
| Agricultural/ food chemistry | --- | --- | 33,200 | 43,750 | --- | 61,100 | 45,000 | 81,250 | --- | --- | --- | --- | 45,500 | |
| | --- | 24,000 | 26,300 | 36,640 | 34,860 | 45,000 | 43,250 | 47,750 | 41,000 | 42,200 | 40,000 | --- | 39,720 | |
| | --- | --- | 22,700 | 28,750 | --- | 35,500 | 38,000 | 39,750 | --- | --- | --- | --- | 30,500 | |
| | --- | 24,000 | 27,400 | 37,057 | 34,860 | 47,200 | 42,083 | 58,563 | 41,000 | 42,200 | 40,000 | --- | 41,826 | |
| | --- | --- | 5,593 | 8,419 | 6,873 | 12,941 | 3,643 | 23,733 | --- | --- | --- | --- | 16,271 | |
| | 0 | 1 | 4 | 12 | 2 | 3 | 3 | 8 | 1 | 1 | 2 | --- | 37 | |
| Analytical chemistry | --- | 25,000 | 33,000 | 36,850 | 45,000 | 55,250 | 52,000 | 50,550 | 53,950 | --- | 66,250 | --- | 44,000 | |
| | --- | 20,000 | 30,000 | 33,806 | 39,000 | 45,000 | 41,500 | 42,500 | 44,000 | 32,500 | --- | --- | 35,000 | |
| | --- | 20,000 | 26,000 | 30,000 | 33,000 | 31,932 | 38,000 | 36,250 | 40,050 | --- | --- | --- | 30,000 | |
| | --- | 21,667 | 29,872 | 33,945 | 40,139 | 44,315 | 45,791 | 44,936 | 47,436 | 32,500 | 56,250 | --- | 37,884 | |
| | --- | 2,887 | 5,157 | 5,912 | 11,228 | 10,064 | 11,191 | 10,160 | 9,172 | 12,021 | 9,465 | --- | 10,740 | |
| | 0 | 3 | 37 | 48 | 31 | 18 | 11 | 16 | 9 | 2 | 4 | --- | 179 | |
| Environmental chemistry | --- | --- | 35,525 | 35,500 | 41,250 | 61,000 | 46,750 | --- | 59,375 | --- | --- | --- | 41,500 | |
| | --- | 28,500 | 33,200 | 33,806 | 33,500 | 57,000 | 36,000 | 37,900 | 42,450 | 42,000 | --- | --- | 34,225 | |
| | --- | --- | 21,875 | 28,900 | 28,400 | 27,000 | 35,500 | --- | 34,675 | --- | --- | --- | 28,825 | |
| | --- | --- | 28,938 | 33,672 | 34,560 | 48,333 | 40,100 | 37,900 | 45,500 | 42,000 | --- | --- | 35,561 | |
| | --- | --- | 7,921 | 6,067 | 6,752 | 18,583 | 6,148 | 2,970 | 13,885 | --- | --- | --- | 10,101 | |
| | 0 | 0 | 13 | 11 | 5 | 3 | 5 | 2 | 4 | 1 | 0 | --- | 44 | |
| Organic chemistry | --- | --- | 30,000 | 38,400 | 48,000 | 57,500 | 53,580 | 63,000 | 59,500 | 50,000 | 49,000 | --- | 50,020 | |
| | --- | 23,000 | 27,310 | 34,600 | 40,000 | 50,040 | 45,200 | 47,460 | 50,000 | 50,000 | 39,900 | --- | 42,120 | |
| | --- | --- | 25,350 | 31,000 | 35,220 | 45,400 | 41,350 | 35,000 | 40,260 | 48,500 | 31,075 | --- | 33,650 | |
| | --- | 23,000 | 28,165 | 35,463 | 42,301 | 51,600 | 47,408 | 49,882 | 49,646 | 49,500 | 40,017 | --- | 43,828 | |
| | --- | 2,828 | 3,304 | 5,065 | 11,299 | 8,572 | 8,485 | 17,044 | 14,152 | 1,000 | 9,123 | --- | 13,308 | |
| | 0 | 2 | 12 | 15 | 19 | 17 | 9 | 20 | 17 | 4 | 6 | --- | 121 | |
| Inorganic chemistry | --- | --- | 32,300 | 45,000 | 51,000 | 58,500 | --- | --- | 47,520 | --- | --- | --- | 50,250 | |
| | --- | 27,250 | 31,000 | 42,000 | 45,200 | 49,500 | 60,000 | 63,250 | 44,250 | --- | 52,000 | --- | 45,000 | |
| | --- | --- | 27,000 | 36,000 | 32,000 | 43,800 | --- | --- | 30,000 | --- | --- | --- | 32,150 | |
| | --- | 27,250 | 30,100 | 41,000 | 42,733 | 50,820 | 60,000 | 63,250 | 40,590 | --- | 52,000 | --- | 44,135 | |
| | --- | 1,061 | 2,762 | 4,899 | 9,737 | 7,883 | --- | 35,709 | 9,316 | --- | 8,485 | --- | 13,876 | |
| | 0 | 2 | 3 | 4 | 3 | 5 | 1 | 2 | 3 | 0 | 2 | --- | 25 | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | 30,278 | 30,750 | 37,000 | 40,000 | 49,500 | --- | 84,500 | 85,000 | --- | --- | --- | 40,000 | |
| | --- | 26,200 | 26,750 | 35,380 | 38,000 | 46,000 | 45,000 | 67,000 | 57,500 | 39,000 | 42,000 | --- | 36,000 | |
| | --- | 25,750 | 24,250 | 30,200 | 36,000 | 43,000 | --- | 33,750 | 52,000 | --- | --- | --- | 30,000 | |
| | --- | 27,651 | 27,863 | 35,084 | 38,307 | 46,167 | 45,000 | 60,700 | 64,833 | 39,000 | 42,000 | --- | 38,214 | |
| | --- | 2,419 | 4,255 | 6,283 | 6,055 | 3,253 | 14,142 | 26,556 | 17,680 | 1,414 | --- | --- | 13,538 | |
| | 0 | 5 | 12 | 19 | 15 | 3 | 2 | 5 | 3 | 2 | 1 | --- | 67 | |
| Physical chemistry | --- | --- | 35,000 | 43,750 | 67,500 | --- | 56,000 | --- | --- | 75,100 | --- | --- | 48,750 | |
| | --- | 25,250 | 30,000 | 39,000 | 45,000 | --- | 43,000 | 48,000 | 63,000 | 71,500 | 54,000 | --- | 37,000 | |
| | --- | --- | 24,400 | 32,150 | 31,050 | --- | 18,600 | --- | --- | 40,000 | --- | --- | 29,940 | |
| | --- | 25,250 | 30,083 | 38,300 | 47,850 | --- | 39,200 | 48,000 | 63,000 | 62,200 | 54,000 | --- | 42,636 | |
| | --- | 3,182 | 5,477 | 6,150 | 20,112 | --- | 20,576 | 16,971 | 38,184 | 19,310 | 25,456 | --- | 18,717 | |
| | 0 | 2 | 7 | 4 | 4 | 0 | 4 | 2 | 2 | 3 | 2 | --- | 30 | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | |
| Polymer/ macromolecular chemistry | --- | 34,300 | 36,000 | 46,000 | 49,250 | 58,980 | 54,000 | 56,000 | 52,000 | 51,550 | 88,500 | --- | 49,925 | |
| | --- | 31,000 | 31,260 | 40,200 | 42,650 | 49,700 | 44,400 | 47,500 | 46,596 | 41,500 | 57,600 | --- | 40,600 | |
| | --- | 24,450 | 29,600 | 34,000 | 36,255 | 36,950 | 37,000 | 42,000 | 36,000 | 33,625 | 31,800 | --- | 33,250 | |
| | --- | 29,700 | 33,324 | 40,306 | 42,352 | 50,551 | 46,664 | 50,833 | 46,354 | 46,890 | 59,300 | --- | 43,039 | |
| | --- | 5,337 | 6,047 | 8,795 | 7,853 | 16,089 | 10,800 | 14,514 | 13,710 | 20,451 | 30,364 | --- | 13,698 | |
| | 0 | 5 | 27 | 27 | 22 | 13 | 11 | 18 | 11 | 10 | 4 | --- | 148 | |
| Other chemistry | --- | --- | 35,000 | 42,500 | 55,485 | 57,300 | 61,750 | 66,975 | 60,750 | --- | --- | --- | 54,740 | |
| | --- | 23,500 | 28,600 | 37,000 | 42,500 | 45,120 | 45,000 | 58,500 | 52,000 | 73,450 | 50,000 | --- | 45,000 | |
| | --- | --- | 25,800 | 31,500 | 37,000 | 32,750 | 39,250 | 52,250 | 46,250 | --- | --- | --- | 32,500 | |
| | --- | 23,500 | 30,045 | 37,964 | 46,498 | 46,700 | 48,500 | 60,493 | 53,625 | 73,450 | 50,000 | --- | 46,369 | |
| | --- | 2,121 | 5,844 | 6,585 | 14,965 | 16,162 | 12,961 | 15,151 | 15,793 | 37,547 | --- | --- | 16,879 | |
| | 0 | 2 | 11 | 13 | 10 | 8 | 8 | 14 | 8 | 2 | 1 | --- | 77 | |
| TOTAL | --- | 28,000 | 33,800 | 40,000 | 45,800 | 56,000 | 52,000 | 64,750 | 54,000 | 51,550 | 55,000 | --- | 48,000 | |
| | --- | 25,500 | 30,000 | 35,000 | 39,100 | 48,000 | 44,200 | 48,300 | 47,000 | 44,950 | 48,000 | --- | 38,000 | |
| | --- | 23,000 | 26,425 | 30,275 | 34,000 | 41,000 | 38,000 | 38,000 | 41,000 | 39,825 | 37,200 | --- | 31,000 | |
| | --- | 26,055 | 30,190 | 36,096 | 40,923 | 48,100 | 45,652 | 52,191 | 49,264 | 50,546 | 49,143 | --- | 41,221 | |
| | --- | 4,018 | 5,652 | 7,090 | 10,573 | 11,832 | 11,064 | 17,073 | 14,614 | 20,024 | 16,575 | --- | 13,855 | |
| | 0 | 23 | 129 | 156 | 116 | 73 | 54 | 88 | 59 | 26 | 23 | --- | 747 | |

Table 2.3.2

SALARIES OF M.S. CHEMISTS EMPLOYED FULL-TIME in PRIVATE INDUSTRY
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Mgt-R&D | --- | --- | 38,000 | 48,000 | 55,100 | 63,960 | 56,750 | 77,900 | 67,500 | 51,400 | --- | 57,500 | - 75th %-ile |
| | --- | 25,100 | 35,000 | 40,200 | 45,000 | 55,000 | 50,000 | 58,638 | 54,150 | 45,000 | 75,000 | 48,000 | - 50th %-ile |
| | --- | --- | 21,420 | 34,800 | 38,500 | 45,000 | 42,000 | 45,605 | 50,000 | 42,200 | --- | 39,720 | - 25th %-ile |
| | --- | 25,100 | 31,781 | 42,348 | 47,044 | 53,561 | 50,658 | 62,466 | 58,451 | 46,200 | 75,000 | 50,504 | - Mean |
| | --- | 141 | 7,742 | 8,174 | 12,090 | 12,153 | 9,245 | 19,905 | 14,083 | 4,716 | 24,042 | 15,550 | - Std Dev |
| | 0 | 2 | 7 | 21 | 27 | 19 | 20 | 14 | 3 | 2 | 127 | - Count | |
| Basic Research | --- | 29,000 | 32,500 | 36,500 | 40,200 | 45,625 | 53,580 | 49,650 | 70,000 | --- | 69,500 | 40,500 | |
| | --- | 25,500 | 28,780 | 33,000 | 36,000 | 42,250 | 42,900 | 45,225 | 63,000 | 44,000 | 43,000 | 34,000 | |
| | --- | 24,000 | 25,190 | 30,000 | 32,000 | 36,500 | 38,500 | 32,963 | 50,000 | --- | 34,500 | 29,100 | |
| | --- | 26,789 | 29,024 | 33,196 | 37,117 | 40,958 | 45,412 | 42,613 | 61,000 | 44,000 | 49,000 | 35,744 | |
| | --- | 4,507 | 4,131 | 5,362 | 6,635 | 6,413 | 8,263 | 9,130 | 10,149 | 8,485 | 20,033 | 9,828 | |
| | 0 | 9 | 20 | 29 | 19 | 8 | 5 | 4 | 3 | 2 | 4 | 103 | |
| Applied R&D | --- | 27,875 | 32,500 | 39,850 | 40,000 | 46,625 | 51,500 | 52,000 | 44,625 | 56,875 | 43,350 | 41,000 | |
| | --- | 25,950 | 30,000 | 35,000 | 36,000 | 37,700 | 43,000 | 41,940 | 42,120 | 46,350 | 37,000 | 35,000 | |
| | --- | 23,610 | 27,000 | 30,000 | 32,000 | 32,557 | 38,000 | 35,000 | 31,550 | 33,625 | 27,650 | 30,000 | |
| | --- | 26,230 | 30,104 | 35,100 | 36,391 | 39,445 | 45,671 | 45,043 | 41,020 | 47,480 | 36,480 | 36,597 | |
| | --- | 3,097 | 4,355 | 6,483 | 7,770 | 9,415 | 10,261 | 13,741 | 11,738 | 15,892 | 9,272 | 10,092 | |
| | 0 | 8 | 75 | 73 | 42 | 28 | 17 | 30 | 21 | 10 | 10 | 314 | |
| Gen Mgt | --- | --- | 37,300 | 42,600 | 58,000 | 61,000 | --- | 82,950 | 68,500 | 100,000 | 66,250 | 63,500 | |
| | --- | --- | 29,850 | 33,612 | 48,000 | 60,000 | 50,500 | 69,500 | 53,950 | 100,000 | 52,500 | 50,000 | |
| | --- | --- | 27,250 | 31,000 | 39,200 | 50,000 | --- | 61,250 | 43,500 | 86,600 | 50,000 | 35,040 | |
| | --- | --- | 31,317 | 36,988 | 48,209 | 57,000 | 50,500 | 70,225 | 55,650 | 95,533 | 56,250 | 51,933 | |
| | --- | --- | 5,195 | 7,893 | 13,971 | 6,083 | 20,506 | 15,896 | 18,270 | 7,736 | 9,465 | 19,814 | |
| | 0 | 0 | 6 | 11 | 11 | 3 | 2 | 8 | 6 | 3 | 4 | 54 | |
| Marketing | --- | 29,500 | 35,000 | 48,125 | 50,000 | 58,250 | 58,500 | 64,500 | 61,750 | 72,500 | 49,000 | 51,250 | |
| | --- | 22,500 | 31,260 | 41,000 | 45,100 | 53,750 | 52,500 | 47,500 | 54,000 | 45,000 | 44,000 | 42,700 | |
| | --- | 20,000 | 28,000 | 30,755 | 40,600 | 47,900 | 46,050 | 39,000 | 43,125 | 39,475 | 35,700 | 32,675 | |
| | --- | 24,000 | 31,571 | 39,506 | 47,300 | 54,374 | 52,350 | 49,900 | 54,250 | 52,325 | 42,900 | 43,984 | |
| | --- | 5,228 | 6,078 | 8,975 | 10,114 | 15,796 | 6,488 | 12,909 | 17,412 | 19,086 | 7,008 | 14,197 | |
| | 0 | 4 | 17 | 12 | 12 | 10 | 4 | 13 | 6 | 4 | 4 | 86 | |
| Prod & QC | --- | 30,278 | 30,600 | 36,000 | 43,500 | 48,000 | 44,250 | 50,000 | 52,000 | 46,900 | 55,000 | 42,550 | |
| | --- | 26,700 | 27,000 | 33,500 | 36,000 | 45,000 | 41,500 | 35,500 | 47,520 | 40,000 | 38,000 | 34,250 | |
| | --- | 25,100 | 23,000 | 30,000 | 30,500 | 33,500 | 30,500 | 33,500 | 42,100 | 24,000 | 37,200 | 29,450 | |
| | --- | 27,491 | 27,089 | 33,024 | 36,215 | 41,842 | 38,935 | 41,056 | 49,404 | 36,967 | 43,400 | 35,742 | |
| | --- | 2,746 | 5,236 | 4,592 | 7,155 | 8,204 | 7,438 | 9,315 | 10,269 | 11,747 | 10,554 | 9,595 | |
| | 0 | 5 | 27 | 26 | 13 | 12 | 13 | 9 | 11 | 3 | 3 | 122 | |
| Forensic | --- | --- | 31,500 | 33,800 | 42,500 | 55,000 | --- | 48,400 | --- | --- | --- | 41,000 | |
| | --- | --- | 28,896 | 30,000 | 35,000 | 43,000 | --- | 41,000 | --- | 41,000 | 28,500 | 31,500 | |
| | --- | --- | 22,750 | 22,600 | 30,500 | 24,500 | --- | 29,500 | --- | --- | --- | 27,000 | |
| | --- | --- | 28,535 | 28,033 | 36,200 | 40,833 | --- | 39,360 | --- | 41,000 | 28,500 | 32,963 | |
| | --- | --- | 8,896 | 6,384 | 6,611 | 15,365 | --- | 9,806 | --- | --- | --- | 9,515 | |
| | 0 | 0 | 7 | 9 | 5 | 3 | 0 | 5 | 0 | 1 | 1 | 31 | |
| Writing/ Editing | --- | --- | --- | --- | 46,900 | --- | 45,000 | --- | --- | --- | --- | 47,675 | |
| | --- | 26,000 | 19,800 | 36,000 | 34,000 | --- | 43,000 | 54,000 | --- | 40,100 | --- | 37,000 | |
| | --- | --- | --- | --- | 26,200 | --- | 38,000 | --- | --- | --- | --- | 26,150 | |
| | --- | 26,000 | 19,800 | 36,000 | 35,700 | --- | 42,000 | 54,000 | --- | 40,100 | --- | 37,350 | |
| | --- | --- | 5,940 | --- | 10,454 | --- | 3,606 | 1,414 | --- | 14,001 | --- | 11,984 | |
| | 0 | 1 | 2 | 1 | 3 | 0 | 3 | 2 | 0 | 2 | 0 | 14 | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36,000 | |
| | --- | --- | --- | 26,500 | --- | --- | --- | --- | 36,000 | --- | --- | 29,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24,000 | |
| | --- | --- | --- | 26,500 | --- | --- | --- | --- | 36,000 | --- | --- | 29,667 | |
| | --- | --- | --- | 3,536 | --- | --- | --- | --- | --- | --- | --- | 6,028 | |
| | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | |
| Consulting | --- | --- | 39,600 | 30,450 | 44,000 | --- | --- | --- | --- | --- | --- | 44,000 | |
| | --- | 27,300 | 21,000 | 28,800 | 40,000 | --- | --- | 47,500 | --- | --- | 61,000 | 32,000 | |
| | --- | --- | 20,000 | 25,850 | 40,000 | --- | --- | --- | --- | --- | --- | 26,500 | |
| | --- | 27,300 | 26,867 | 28,280 | 41,333 | --- | --- | 47,500 | --- | --- | 61,000 | 35,287 | |
| | --- | --- | 11,039 | 2,605 | 2,309 | --- | --- | 3,536 | --- | --- | --- | 11,604 | |
| | 0 | 1 | 3 | 5 | 3 | 0 | 0 | 2 | 0 | 0 | 1 | 15 | |
| Other | --- | --- | --- | 43,000 | 42,225 | 59,750 | 58,500 | 66,600 | --- | --- | --- | 48,000 | |
| | --- | --- | 45,250 | 30,200 | 35,500 | 50,620 | 36,000 | 41,000 | 36,000 | 45,000 | 53,000 | 41,500 | |
| | --- | --- | --- | 27,600 | 28,100 | 36,060 | 22,900 | 35,800 | --- | --- | --- | 32,300 | |
| | --- | --- | 45,250 | 34,329 | 35,275 | 48,810 | 39,760 | 47,800 | 36,000 | 45,000 | 53,000 | 41,378 | |
| | --- | --- | 3,889 | 8,943 | 7,955 | 12,423 | 21,203 | 16,488 | --- | 4,243 | 26,870 | 13,696 | |
| | 0 | 0 | 2 | 7 | 4 | 4 | 5 | 3 | 1 | 2 | 2 | 30 | |
| No Response | --- | --- | 31,600 | --- | --- | --- | --- | --- | --- | --- | --- | 44,000 | |
| | --- | --- | 26,400 | 35,500 | 50,000 | --- | 42,000 | --- | 46,000 | --- | 28,000 | 35,000 | |
| | --- | --- | 22,800 | --- | --- | --- | --- | --- | --- | --- | --- | 27,200 | |
| | --- | --- | 26,933 | 35,500 | 50,000 | --- | 42,000 | --- | 46,000 | --- | 28,000 | 35,311 | |
| | --- | --- | 4,424 | 707 | --- | --- | --- | --- | --- | --- | --- | 9,209 | |
| | 0 | 0 | 3 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 9 | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | |

Table 2.3.2.1

SALARIES of M.S. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY -MEN Only
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Mgt-R&D | --- | --- | 38,300 | 48,000 | 54,790 | 64,095 | 57,250 | 77,900 | 63,125 | --- | --- | 58,375 | - 75th %ile |
| | --- | 25,000 | 36,000 | 40,200 | 45,000 | 55,500 | 48,750 | 58,638 | 51,150 | 46,800 | 75,000 | 50,000 | - 50th %ile |
| | --- | --- | 27,385 | 34,800 | 38,750 | 45,750 | 40,925 | 45,605 | 50,000 | --- | --- | 40,050 | - 25th %ile |
| | --- | 25,000 | 33,474 | 43,006 | 47,576 | 54,981 | 50,290 | 62,466 | 56,527 | 46,800 | 75,000 | 51,577 | - Mean |
| | --- | --- | 7,044 | 8,152 | 11,591 | 10,762 | 9,953 | 19,905 | 14,127 | 6,505 | 24,042 | 15,221 | - Std Dev |
| | 0 | 1 | 5 | 17 | 25 | 18 | 10 | 20 | 12 | 2 | 2 | 112 | - Count |
| Basic Research | --- | 29,000 | 33,000 | 37,200 | 40,275 | 46,875 | 54,870 | 50,000 | 70,000 | --- | 69,500 | 41,000 | |
| | --- | 25,500 | 30,000 | 33,400 | 37,200 | 43,750 | 46,500 | 48,600 | 63,000 | 44,000 | 43,000 | 35,000 | |
| | --- | 24,000 | 25,000 | 30,000 | 34,725 | 35,790 | 36,750 | 30,000 | 50,000 | --- | 34,500 | 30,000 | |
| | --- | 26,789 | 29,151 | 33,726 | 38,523 | 41,693 | 46,040 | 42,867 | 61,000 | 44,000 | 49,000 | 36,425 | |
| | --- | 4,507 | 4,522 | 5,645 | 6,419 | 7,208 | 9,402 | 11,165 | 10,149 | 8,485 | 20,033 | 10,488 | |
| | 0 | 9 | 15 | 23 | 14 | 6 | 4 | 3 | 3 | 2 | 4 | 83 | |
| Applied R&D | --- | 28,625 | 32,500 | 40,000 | 39,600 | 49,175 | 51,750 | 52,250 | 44,000 | 56,875 | 46,450 | 42,060 | |
| | --- | 25,950 | 30,000 | 36,500 | 36,000 | 38,700 | 43,500 | 42,000 | 41,000 | 46,350 | 37,000 | 36,000 | |
| | --- | 22,750 | 26,600 | 30,200 | 31,500 | 33,519 | 38,500 | 34,825 | 31,000 | 33,625 | 28,725 | 30,000 | |
| | --- | 26,067 | 29,998 | 35,973 | 36,263 | 41,202 | 46,151 | 45,488 | 40,022 | 47,480 | 37,388 | 37,273 | |
| | --- | 3,556 | 4,513 | 6,643 | 8,186 | 8,866 | 10,399 | 14,653 | 11,777 | 15,892 | 9,551 | 10,510 | |
| | 0 | 6 | 57 | 60 | 37 | 22 | 16 | 26 | 19 | 10 | 8 | 261 | |
| Gen Mgt | --- | --- | 37,600 | 42,600 | 54,000 | 61,000 | --- | 82,950 | 68,500 | 100,000 | 66,250 | 65,000 | |
| | --- | --- | 30,000 | 33,660 | 48,000 | 60,000 | 50,500 | 69,500 | 53,950 | 100,000 | 52,500 | 50,000 | |
| | --- | --- | 28,850 | 32,000 | 39,600 | 50,000 | --- | 61,250 | 43,500 | 86,600 | 50,000 | 38,200 | |
| | --- | --- | 32,580 | 37,125 | 48,356 | 57,000 | 50,500 | 70,225 | 55,650 | 95,533 | 56,250 | 53,985 | |
| | --- | --- | 4,665 | 6,109 | 14,406 | 6,083 | 20,506 | 15,896 | 18,270 | 7,736 | 9,465 | 19,910 | |
| | 0 | 0 | 5 | 7 | 9 | 3 | 2 | 8 | 6 | 3 | 4 | 47 | |
| Marketing | --- | 29,500 | 35,000 | 49,550 | 50,000 | 59,500 | 58,500 | 64,500 | 61,750 | 50,000 | --- | 52,250 | |
| | --- | 22,500 | 31,260 | 42,000 | 45,200 | 54,500 | 52,500 | 47,500 | 54,000 | 40,000 | 48,000 | 44,700 | |
| | --- | 20,000 | 28,500 | 39,750 | 42,700 | 49,620 | 46,050 | 39,000 | 43,125 | 39,300 | --- | 32,950 | |
| | --- | 24,000 | 31,941 | 43,115 | 47,178 | 55,527 | 52,350 | 49,900 | 54,250 | 43,100 | 48,000 | 44,546 | |
| | --- | 5,228 | 5,957 | 6,846 | 9,824 | 16,302 | 6,488 | 12,909 | 17,412 | 5,986 | 2,828 | 13,860 | |
| | 0 | 4 | 15 | 9 | 9 | 4 | 13 | 6 | 3 | 2 | 74 | | |
| Prod & QC | --- | 30,555 | 33,000 | 35,640 | 45,000 | 48,375 | 45,465 | 51,000 | 52,000 | 46,900 | --- | 44,750 | |
| | --- | 26,200 | 28,000 | 34,000 | 36,250 | 45,000 | 42,375 | 39,250 | 47,520 | 40,000 | 46,100 | 35,000 | |
| | --- | 24,000 | 26,000 | 30,400 | 30,750 | 40,500 | 33,958 | 35,000 | 42,100 | 24,000 | --- | 30,000 | |
| | --- | 26,918 | 28,487 | 32,968 | 37,150 | 43,410 | 40,455 | 42,188 | 49,404 | 36,967 | 46,100 | 37,201 | |
| | --- | 3,336 | 4,633 | 4,537 | 7,071 | 8,102 | 6,737 | 9,273 | 10,269 | 11,747 | 12,587 | 9,674 | |
| | 0 | 3 | 19 | 21 | 10 | 10 | 8 | 11 | 3 | 2 | 97 | | |
| Forensic | --- | --- | 38,000 | 34,950 | 44,250 | --- | --- | 50,800 | --- | --- | --- | 44,125 | |
| | --- | --- | 30,500 | 33,200 | 37,000 | 49,000 | --- | 46,000 | --- | 41,000 | --- | 35,250 | |
| | --- | --- | 19,175 | 30,000 | 32,750 | --- | --- | 41,000 | --- | --- | --- | 30,750 | |
| | --- | --- | 28,970 | 32,620 | 38,000 | 49,000 | --- | 45,933 | --- | 41,000 | --- | 36,838 | |
| | --- | --- | 10,809 | 2,526 | 6,055 | 8,485 | --- | 4,900 | --- | --- | --- | 9,426 | |
| | 0 | 0 | 5 | 5 | 4 | 2 | 0 | 3 | 0 | 1 | 0 | 20 | |
| Writing/ Editing | --- | --- | --- | --- | --- | --- | 45,000 | --- | --- | --- | --- | 51,000 | |
| | --- | --- | --- | 36,000 | 30,100 | --- | 43,000 | 54,000 | --- | --- | --- | 40,500 | |
| | --- | --- | --- | --- | --- | --- | 38,000 | --- | --- | --- | --- | 34,500 | |
| | --- | --- | --- | 36,000 | 30,100 | --- | 42,000 | 54,000 | --- | --- | --- | 41,275 | |
| | --- | --- | --- | --- | 5,515 | --- | 3,606 | 1,414 | --- | --- | --- | 9,721 | |
| | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 8 | |
| Data Processing | --- | --- | --- | 29,000 | --- | --- | --- | --- | --- | --- | --- | 29,000 | |
| | --- | --- | --- | 29,000 | --- | --- | --- | --- | --- | --- | --- | 29,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Consulting | --- | --- | 39,600 | 31,225 | --- | --- | --- | --- | --- | --- | --- | 44,000 | |
| | --- | --- | 21,000 | 28,850 | 42,000 | --- | --- | 47,500 | --- | --- | --- | 32,000 | |
| | --- | --- | 20,000 | 27,075 | --- | --- | --- | --- | --- | --- | --- | 26,500 | |
| | --- | --- | 26,867 | 29,050 | 42,000 | --- | --- | 47,500 | --- | --- | --- | 34,164 | |
| | --- | --- | 11,039 | 2,258 | 2,828 | --- | --- | 3,536 | --- | --- | --- | 10,111 | |
| | 0 | 0 | 3 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 11 | |
| Other | --- | --- | 44,750 | 42,300 | 61,000 | 58,500 | 66,600 | --- | --- | --- | --- | 48,500 | |
| | --- | --- | 45,250 | 32,100 | 29,000 | 56,000 | 36,000 | 41,000 | 36,000 | 45,000 | 72,000 | 42,150 | |
| | --- | --- | 27,075 | 27,800 | 45,240 | 22,900 | 35,800 | --- | --- | --- | --- | 33,050 | |
| | --- | --- | 45,250 | 35,050 | 33,033 | 54,080 | 39,760 | 47,800 | 36,000 | 45,000 | 72,000 | 42,398 | |
| | --- | --- | 3,889 | 9,571 | 8,048 | 8,054 | 21,203 | 16,488 | --- | 4,243 | --- | 14,364 | |
| | 0 | 0 | 2 | 6 | 3 | 3 | 5 | 3 | 1 | 2 | 1 | 26 | |
| No Response | --- | --- | 31,600 | --- | --- | --- | --- | --- | --- | --- | --- | 46,000 | |
| | --- | --- | 26,400 | 35,500 | 50,000 | --- | --- | --- | 46,000 | --- | --- | 35,000 | |
| | --- | --- | 22,800 | --- | --- | --- | --- | --- | --- | --- | --- | 26,400 | |
| | --- | --- | 26,933 | 35,500 | 50,000 | --- | --- | --- | 46,000 | --- | --- | 35,400 | |
| | --- | --- | 4,424 | 707 | --- | --- | --- | --- | --- | --- | --- | 9,834 | |
| | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 7 | |
| TOTAL | --- | 28,000 | 33,800 | 40,000 | 45,800 | 56,000 | 52,000 | 64,750 | 54,000 | 51,550 | 55,000 | 48,000 | |
| | --- | 25,500 | 30,000 | 35,000 | 39,100 | 48,000 | 44,200 | 48,500 | 47,000 | 44,950 | 48,000 | 38,000 | |
| | --- | 23,000 | 26,425 | 30,275 | 34,000 | 41,000 | 38,000 | 38,000 | 41,000 | 39,825 | 37,200 | 31,000 | |
| | --- | 26,055 | 30,190 | 36,096 | 40,923 | 48,100 | 45,652 | 52,191 | 49,264 | 50,546 | 49,143 | 41,221 | |
| | --- | 4,018 | 5,652 | 7,090 | 10,573 | 11,832 | 11,064 | 17,073 | 14,614 | 20,024 | 16,575 | 13,855 | |
| | 0 | 23 | 129 | 156 | 116 | 73 | 54 | 88 | 59 | 26 | 23 | 747 | |

Table 2.3.2.2

SALARIES of M.S. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY -WOMEN Only
 by WORK FUNCTION and YEARS SINCE BS
 1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|-----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | No Resp |
| Mgt-R&D | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 35,000 | - 75th %ile |
| | --- | 25,200 | 27,550 | 32,500 | 40,400 | 28,000 | --- | --- | --- | --- | --- | 29,000 | - 50th %ile |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24,975 | - 25th %ile |
| | --- | 25,200 | 27,550 | 32,500 | 40,400 | 28,000 | --- | --- | --- | --- | --- | 31,763 | - Mean |
| | --- | --- | 10,536 | 3,536 | 21,920 | --- | --- | --- | --- | --- | --- | 11,000 | - Std Dev |
| | 0 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | - Count |
| Basic Research | --- | --- | 31,250 | 35,000 | 32,000 | --- | --- | --- | --- | --- | --- | 36,000 | |
| | --- | --- | 28,560 | 30,000 | 30,800 | 38,750 | 42,900 | 41,850 | --- | --- | --- | 30,800 | |
| | --- | --- | 26,080 | 27,000 | 25,400 | --- | --- | --- | --- | --- | --- | 27,200 | |
| | --- | --- | 28,644 | 30,800 | 29,400 | 38,750 | 42,900 | 41,850 | --- | --- | --- | 32,216 | |
| | --- | --- | 3,044 | 4,147 | 3,516 | 3,889 | --- | --- | --- | --- | --- | 5,786 | |
| | 0 | 0 | 5 | 5 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 17 | |
| Applied R&D | --- | --- | 32,750 | 34,800 | 40,550 | 40,500 | --- | 47,220 | --- | --- | --- | 38,000 | |
| | --- | 26,720 | 30,250 | 30,000 | 39,000 | 38,000 | 38,000 | 40,690 | 56,000 | --- | 32,850 | 32,000 | |
| | --- | --- | 27,000 | 28,875 | 33,300 | 21,260 | --- | 38,525 | --- | --- | --- | 28,000 | |
| | --- | 26,720 | 30,169 | 30,538 | 37,340 | 32,304 | 38,000 | 42,145 | 56,000 | --- | 32,850 | 32,948 | |
| | --- | 1,810 | 4,047 | 3,791 | 3,794 | 10,140 | --- | 4,817 | --- | --- | 10,112 | 7,059 | |
| | 0 | 2 | 16 | 11 | 5 | 5 | 1 | 4 | 1 | 0 | 2 | 47 | |
| Gen Mgt | --- | --- | --- | 32,000 | --- | --- | --- | --- | --- | --- | --- | 41,525 | |
| | --- | --- | 25,000 | 31,000 | 47,550 | --- | --- | --- | --- | --- | --- | 31,500 | |
| | --- | --- | --- | 30,000 | --- | --- | --- | --- | --- | --- | --- | 28,750 | |
| | --- | --- | 25,000 | 31,000 | 47,550 | --- | --- | --- | --- | --- | --- | 35,517 | |
| | --- | --- | --- | 1,000 | 17,041 | --- | --- | --- | --- | --- | --- | 12,279 | |
| | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| Marketing | --- | --- | --- | 32,300 | --- | --- | --- | --- | --- | --- | --- | 41,000 | |
| | --- | --- | 28,800 | 30,240 | 51,500 | --- | --- | --- | --- | --- | 37,800 | 33,600 | |
| | --- | --- | --- | 23,500 | --- | --- | --- | --- | --- | --- | --- | 26,870 | |
| | --- | --- | 28,800 | 28,680 | 51,500 | --- | --- | --- | --- | --- | 37,800 | 35,804 | |
| | --- | --- | 8,768 | 4,603 | 16,263 | --- | --- | --- | --- | --- | 5,940 | 12,094 | |
| | 0 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | |
| Prod & QC | --- | --- | 26,700 | 38,500 | --- | --- | --- | --- | --- | --- | --- | 34,500 | |
| | --- | 28,350 | 22,000 | 32,000 | 33,150 | 34,000 | 28,800 | --- | --- | --- | 38,000 | 29,800 | |
| | --- | --- | 20,588 | 28,650 | --- | --- | --- | --- | --- | --- | --- | 25,250 | |
| | --- | 28,350 | 23,458 | 33,260 | 33,150 | 34,000 | 28,800 | --- | --- | --- | 38,000 | 29,683 | |
| | --- | 2,333 | 4,010 | 5,365 | 11,243 | 1,414 | 1,131 | --- | --- | --- | --- | 6,336 | |
| | 0 | 2 | 6 | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 20 | |
| Forensic | --- | --- | --- | 26,550 | --- | --- | --- | --- | --- | --- | --- | 28,896 | |
| | --- | --- | 27,448 | 22,600 | 29,000 | 24,500 | --- | 29,500 | --- | --- | 28,500 | 27,000 | |
| | --- | --- | --- | 17,750 | --- | --- | --- | --- | --- | --- | --- | 24,500 | |
| | --- | --- | 27,448 | 22,300 | 29,000 | 24,500 | --- | 29,500 | --- | --- | 28,500 | 25,918 | |
| | --- | --- | 2,048 | 4,614 | --- | --- | --- | 3,536 | --- | --- | --- | 4,260 | |
| | 0 | 0 | 2 | 4 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 11 | |
| Writing/Editing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47,675 | |
| | --- | 26,000 | 19,800 | --- | 46,900 | --- | --- | --- | --- | 40,100 | --- | 28,100 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21,900 | |
| | --- | 26,000 | 19,800 | --- | 46,900 | --- | --- | --- | --- | 40,100 | --- | 32,117 | |
| | --- | --- | 5,940 | --- | --- | --- | --- | --- | --- | 14,001 | --- | 13,551 | |
| | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 6 | |
| Data Processing | --- | --- | --- | 24,000 | --- | --- | --- | --- | --- | --- | --- | 30,000 | |
| | --- | --- | --- | 24,000 | --- | --- | --- | --- | --- | --- | --- | 30,000 | |
| | --- | --- | --- | --- | --- | --- | --- | 36,000 | --- | --- | --- | 8,485 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30,000 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | |
| Consulting | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 61,000 | |
| | --- | 27,300 | --- | 25,200 | --- | --- | --- | --- | --- | --- | --- | 27,300 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,200 | |
| | --- | 27,300 | --- | 25,200 | --- | --- | --- | --- | --- | --- | --- | 37,833 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,090 | |
| | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | |
| Other | --- | --- | --- | 30,000 | --- | 33,000 | --- | --- | --- | --- | 34,000 | 34,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30,000 | |
| | --- | --- | --- | 30,000 | --- | 33,000 | --- | --- | --- | --- | --- | 32,333 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2,082 | |
| | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | |
| No Response | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | 42,000 | --- | --- | --- | --- | 42,000 | |
| | --- | --- | --- | --- | --- | --- | --- | 42,000 | --- | --- | --- | 42,000 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | |
| TOTAL | --- | 28,000 | 32,000 | 32,225 | 42,550 | 39,500 | 42,450 | 41,873 | --- | --- | 41,500 | 36,000 | |
| | --- | 26,700 | 27,750 | 30,000 | 37,250 | 34,000 | 38,000 | 38,850 | 56,000 | 40,100 | 36,000 | 30,200 | |
| | --- | 25,440 | 24,250 | 27,060 | 30,350 | 25,375 | 28,800 | 33,000 | --- | --- | 29,775 | 26,750 | |
| | --- | 26,949 | 27,746 | 29,685 | 38,667 | 32,710 | 36,100 | 38,179 | 56,000 | 40,100 | 37,850 | 32,102 | |
| | --- | 1,675 | 5,169 | 4,844 | 11,443 | 7,356 | 6,938 | 6,697 | --- | 14,001 | 10,861 | 8,403 | |
| | 0 | 7 | 36 | 36 | 18 | 12 | 5 | 8 | 1 | 2 | 8 | 133 | |

Table 2.3.3

SALARIES of FULL-TIME EMPLOYED M.S. CHEMISTS IN PRIVATE INDUSTRY
by SUBORDINATES (PROFESSIONALS + TECHNICIANS) and YEARS SINCE BS
1984 Survey of ACS Members

| SUBORDINATES (Profs + Techs) | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|---------------------------------|----------------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | No Resp |
| 0 | --- | 28,000 | 32,300 | 35,820 | 40,000 | 49,625 | 44,700 | 49,500 | 49,625 | 49,000 | 42,000 | 39,875 | - 75th %ile |
| | --- | 25,500 | 28,530 | 31,000 | 34,500 | 37,500 | 41,500 | 37,500 | 44,625 | 39,650 | 33,600 | 32,000 | - 50th %ile |
| | --- | 24,000 | 25,000 | 27,475 | 30,500 | 30,250 | 35,000 | 33,325 | 34,875 | 32,875 | 28,300 | 27,350 | - 25th %ile |
| | --- | 26,230 | 28,767 | 32,032 | 35,838 | 39,458 | 40,677 | 42,809 | 42,831 | 39,450 | 34,629 | 34,111 | - Mean |
| | --- | 3,885 | 5,645 | 6,385 | 7,822 | 11,463 | 6,892 | 13,604 | 9,857 | 8,862 | 6,585 | 9,483 | - Std Dev |
| | 0 | 23 | 100 | 80 | 57 | 30 | 13 | 28 | 26 | 12 | 7 | 376 | - Count |
| 1-2 | --- | 28,850 | 32,850 | 40,000 | 42,400 | 49,325 | 51,500 | 51,700 | 60,750 | 51,400 | 56,500 | 45,000 | |
| | --- | 26,500 | 30,000 | 35,000 | 39,000 | 42,750 | 44,000 | 46,250 | 45,000 | 48,000 | 44,000 | 37,000 | |
| | --- | 23,950 | 26,700 | 30,100 | 34,000 | 35,450 | 42,000 | 39,030 | 41,375 | 41,000 | 34,000 | 31,900 | |
| | --- | 26,420 | 29,620 | 35,439 | 39,000 | 42,936 | 46,762 | 48,879 | 51,010 | 47,464 | 46,808 | 39,393 | |
| | --- | 3,196 | 4,826 | 6,109 | 6,231 | 7,828 | 8,736 | 14,561 | 15,004 | 10,240 | 15,870 | 11,510 | |
| | 0 | 5 | 42 | 61 | 27 | 14 | 17 | 24 | 12 | 11 | 13 | 226 | |
| 3-7 | --- | --- | 36,250 | 40,488 | 45,250 | 57,000 | 54,500 | 60,000 | 64,000 | 93,300 | 55,000 | 48,000 | |
| | --- | 26,250 | 32,000 | 35,750 | 39,860 | 45,240 | 45,000 | 44,300 | 46,000 | 75,100 | 38,000 | 40,000 | |
| | --- | 28,363 | 30,800 | 34,750 | 38,000 | 34,750 | 38,000 | 36,250 | 35,000 | 37,920 | 41,100 | 33,600 | |
| | --- | 26,250 | 31,864 | 36,959 | 40,663 | 48,207 | 45,428 | 47,783 | 52,229 | 68,780 | 41,457 | 42,479 | |
| | --- | 1,768 | 5,586 | 6,859 | 7,605 | 14,905 | 11,005 | 14,109 | 17,841 | 26,772 | 11,135 | 13,607 | |
| | 0 | 2 | 22 | 30 | 30 | 19 | 17 | 18 | 11 | 5 | 7 | 161 | |
| 8-12 | --- | --- | --- | 46,500 | 70,375 | 56,750 | 57,000 | 60,000 | 75,000 | --- | --- | 58,500 | |
| | --- | --- | 33,100 | 40,000 | 44,500 | 48,250 | 42,000 | 50,200 | 50,000 | 100,000 | 81,000 | 47,420 | |
| | --- | --- | --- | 34,625 | 38,875 | 45,000 | 35,208 | 45,000 | 50,000 | --- | --- | 42,000 | |
| | --- | --- | 33,100 | 40,559 | 51,810 | 50,558 | 44,736 | 53,615 | 57,017 | 100,000 | 81,000 | 51,108 | |
| | --- | --- | 7,212 | 6,282 | 15,470 | 6,823 | 11,773 | 12,991 | 13,257 | --- | 15,556 | 14,736 | |
| | 0 | 0 | 2 | 12 | 10 | 12 | 4 | 15 | 7 | 1 | 2 | 65 | |
| 13-17 | --- | --- | --- | 49,250 | 54,425 | 65,000 | 66,000 | 75,000 | --- | --- | --- | 56,000 | |
| | --- | --- | 40,750 | 36,750 | 50,000 | 55,000 | 51,250 | 68,100 | 71,150 | --- | 50,000 | 50,000 | |
| | --- | --- | --- | 33,025 | 39,500 | 45,000 | 39,875 | 56,000 | --- | --- | --- | 38,000 | |
| | --- | --- | 40,750 | 39,625 | 47,975 | 55,000 | 52,375 | 66,367 | 71,150 | --- | 50,000 | 50,233 | |
| | --- | --- | 5,303 | 8,943 | 8,454 | 10,000 | 13,561 | 9,618 | 26,658 | --- | --- | 14,268 | |
| | 0 | 0 | 2 | 8 | 4 | 3 | 4 | 3 | 2 | 0 | 1 | 27 | |
| 18-22 | --- | --- | --- | 43,750 | 58,500 | 57,000 | 44,500 | --- | --- | --- | --- | 57,500 | |
| | --- | --- | --- | 39,500 | 43,000 | 53,000 | 44,000 | 71,600 | 56,500 | --- | 58,000 | 44,500 | |
| | --- | --- | --- | 31,500 | 30,000 | 48,420 | 38,000 | --- | --- | --- | --- | 40,500 | |
| | --- | --- | --- | 38,250 | 43,833 | 52,807 | 42,167 | 71,600 | 56,500 | --- | 58,000 | 47,766 | |
| | --- | --- | --- | 6,551 | 14,268 | 4,293 | 3,617 | --- | 9,192 | --- | --- | 11,423 | |
| | 0 | 0 | 0 | 4 | 3 | 3 | 3 | 1 | 2 | 0 | 1 | 17 | |
| 23-32 | --- | --- | --- | --- | 58,000 | 78,000 | --- | 96,250 | --- | --- | --- | 72,000 | |
| | --- | --- | 38,600 | 42,046 | 50,000 | 56,960 | --- | 71,138 | 67,500 | --- | --- | 57,118 | |
| | --- | --- | --- | --- | 45,000 | 45,000 | --- | 51,819 | --- | --- | --- | 45,000 | |
| | --- | --- | 38,600 | 42,046 | 51,000 | 59,987 | --- | 73,069 | 67,500 | --- | --- | 60,063 | |
| | --- | --- | --- | --- | 6,557 | 16,707 | --- | 23,447 | 3,536 | --- | --- | 17,813 | |
| | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 4 | 2 | 0 | 0 | 14 | |
| 33-47 | --- | --- | --- | --- | 59,600 | --- | --- | --- | --- | --- | --- | 66,375 | |
| | --- | --- | --- | 56,000 | 50,500 | 56,250 | 43,250 | 80,600 | 57,900 | --- | --- | 56,950 | |
| | --- | --- | --- | --- | 50,000 | --- | --- | --- | --- | --- | --- | 49,500 | |
| | --- | --- | --- | 56,000 | 53,367 | 56,250 | 43,250 | 80,600 | 57,900 | --- | --- | 59,095 | |
| | --- | --- | --- | --- | 5,404 | 11,667 | --- | 12,162 | --- | --- | --- | 13,516 | |
| | 0 | 0 | 0 | 1 | 3 | 2 | 1 | 2 | 1 | 0 | 0 | 10 | |
| 48-67 | --- | --- | --- | --- | 80,000 | --- | --- | --- | --- | --- | --- | 80,000 | |
| | --- | --- | --- | 60,000 | 63,000 | --- | 61,000 | --- | --- | 80,000 | --- | 62,750 | |
| | --- | --- | --- | --- | 62,500 | --- | --- | --- | --- | --- | --- | 60,750 | |
| | --- | --- | --- | 60,000 | 68,500 | --- | 61,000 | --- | --- | 80,000 | --- | 67,750 | |
| | --- | --- | --- | --- | 9,962 | --- | --- | --- | --- | --- | --- | 9,549 | |
| | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 6 | |
| 68-99 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 100,000 | |
| | --- | --- | --- | --- | --- | 61,000 | --- | 100,000 | --- | --- | 50,000 | 61,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50,000 | |
| | --- | --- | --- | --- | --- | 61,000 | --- | 100,000 | --- | --- | 50,000 | 70,333 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26,274 | |
| | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 3 | |
| ≥100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 70,000 | |
| | --- | --- | --- | --- | --- | --- | 39,750 | 70,000 | --- | --- | --- | 68,700 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10,800 | |
| | --- | --- | --- | --- | --- | --- | --- | 39,750 | 70,000 | --- | --- | 49,833 | |
| | --- | --- | --- | --- | --- | --- | 40,941 | --- | --- | --- | --- | 33,810 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 3 | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | | |
| --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | | |
| --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | | |
| --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | | |
| 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | | |

Table 2.3.4

SALARIES of FULL-TIME EMPLOYED M.S. CHEMISTS IN PRIVATE INDUSTRY
by TOTAL NUMBER OF SUBORDINATES and YEARS SINCE BS
1984 Survey of ACS Members

| TOTAL SUBORDINATES | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|---------|--------|---------|---------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| 0 | --- | 28,000 | 32,000 | 36,000 | 40,000 | 47,750 | 44,925 | 50,000 | 49,625 | 47,600 | 42,000 | 38,000 | - 75th %-ile |
| | --- | 25,500 | 28,500 | 31,000 | 34,000 | 37,000 | 39,500 | 37,000 | 44,625 | 38,650 | 33,600 | 32,000 | - 50th %-ile |
| | --- | 24,000 | 25,000 | 27,285 | 30,000 | 29,500 | 34,250 | 33,000 | 31,375 | 31,125 | 28,300 | 27,000 | - 25th %-ile |
| | --- | 26,230 | 28,659 | 32,058 | 35,380 | 38,681 | 39,540 | 42,728 | 42,555 | 38,140 | 34,629 | 33,698 | - Mean |
| | --- | 3,885 | 5,251 | 6,464 | 7,825 | 10,832 | 7,554 | 13,856 | 10,544 | 8,999 | 6,585 | 9,331 | - Std Dev |
| | 0 | 23 | 95 | 78 | 51 | 29 | 10 | 27 | 22 | 10 | 7 | 352 | - Count |
| 1-2 | --- | 28,850 | 32,375 | 40,000 | 42,700 | 52,350 | 51,250 | 50,800 | 53,250 | 51,050 | 56,500 | 45,000 | |
| | --- | 26,500 | 30,000 | 34,800 | 39,000 | 46,000 | 44,700 | 45,000 | 43,000 | 46,500 | 44,000 | 37,300 | |
| | --- | 23,950 | 27,030 | 30,000 | 33,750 | 36,000 | 42,000 | 38,200 | 40,630 | 41,250 | 34,000 | 31,500 | |
| | --- | 26,420 | 29,885 | 35,332 | 38,841 | 44,892 | 46,742 | 46,917 | 47,112 | 47,008 | 46,808 | 39,162 | |
| | --- | 3,196 | 5,423 | 6,175 | 6,578 | 9,332 | 8,456 | 11,185 | 11,353 | 9,890 | 15,870 | 10,657 | |
| | 0 | 5 | 40 | 57 | 29 | 13 | 18 | 23 | 10 | 12 | 13 | 220 | |
| 3-7 | --- | --- | 35,000 | 40,488 | 45,000 | 54,500 | 54,750 | 56,500 | 68,000 | 93,300 | 48,250 | 46,000 | |
| | --- | 26,250 | 32,800 | 35,440 | 39,720 | 44,650 | 42,500 | 42,600 | 49,500 | 75,100 | 37,600 | 39,136 | |
| | --- | --- | 26,450 | 30,800 | 35,250 | 35,750 | 35,375 | 35,000 | 41,075 | 41,100 | 31,750 | 33,313 | |
| | --- | 26,250 | 31,157 | 36,842 | 40,483 | 46,772 | 45,120 | 48,182 | 54,894 | 68,780 | 39,200 | 42,026 | |
| | --- | 1,768 | 6,345 | 6,736 | 6,731 | 14,522 | 11,353 | 17,726 | 17,312 | 26,772 | 10,296 | 14,171 | |
| | 0 | 2 | 27 | 34 | 29 | 20 | 16 | 17 | 14 | 5 | 6 | 170 | |
| 8-12 | --- | --- | 36,775 | 43,800 | 59,950 | 60,000 | 51,270 | 62,500 | 65,500 | --- | --- | 56,750 | |
| | --- | --- | 31,250 | 35,000 | 44,000 | 55,000 | 46,500 | 52,000 | 50,000 | 100,000 | 92,000 | 45,500 | |
| | --- | --- | 28,500 | 34,000 | 37,875 | 45,000 | 35,736 | 46,210 | 42,260 | --- | --- | 38,275 | |
| | --- | --- | 32,175 | 38,670 | 48,100 | 51,836 | 45,384 | 55,978 | 52,613 | 100,000 | 92,000 | 49,238 | |
| | --- | --- | 4,418 | 5,880 | 16,243 | 7,547 | 9,236 | 13,022 | 14,997 | --- | --- | 15,244 | |
| | 0 | 0 | 4 | 13 | 10 | 11 | 6 | 13 | 9 | 1 | 1 | 68 | |
| 13-17 | --- | --- | --- | 52,000 | 62,450 | 55,000 | --- | 71,000 | --- | --- | --- | 55,000 | |
| | --- | --- | 40,750 | 34,000 | 47,000 | 47,000 | 45,500 | 55,000 | 71,150 | 50,000 | 70,000 | 47,500 | |
| | --- | --- | --- | 32,700 | 40,000 | 45,000 | --- | 46,250 | --- | --- | --- | 41,000 | |
| | --- | --- | 40,750 | 39,643 | 50,980 | 49,000 | 45,500 | 57,900 | 71,150 | 50,000 | 70,000 | 50,304 | |
| | --- | --- | 5,303 | 9,660 | 12,480 | 5,292 | --- | 12,828 | 26,658 | --- | --- | 14,129 | |
| | 0 | 0 | 2 | 7 | 5 | 3 | 1 | 5 | 2 | 1 | 1 | 27 | |
| 18-22 | --- | --- | --- | 42,875 | --- | 65,000 | 53,875 | 71,600 | --- | --- | --- | 57,000 | |
| | --- | --- | --- | 37,750 | 37,500 | 53,000 | 44,250 | 68,100 | 50,000 | --- | 58,000 | 48,420 | |
| | --- | --- | --- | 31,500 | --- | 48,420 | 39,500 | 56,000 | --- | --- | --- | 39,500 | |
| | --- | --- | --- | 37,375 | 37,500 | 55,473 | 45,875 | 65,233 | 50,000 | --- | 58,000 | 48,848 | |
| | --- | --- | --- | 5,907 | 10,607 | 8,562 | 7,983 | 8,186 | 0 | --- | --- | 11,860 | |
| | 0 | 0 | 0 | 4 | 2 | 3 | 4 | 3 | 2 | 0 | 1 | 19 | |
| 23-32 | --- | --- | --- | --- | 58,000 | 56,990 | --- | 100,000 | --- | --- | --- | 58,000 | |
| | --- | --- | 38,600 | 43,000 | 50,000 | 53,230 | 53,500 | 57,276 | 65,000 | --- | --- | 50,000 | |
| | --- | --- | --- | --- | 45,000 | 46,125 | --- | 50,000 | --- | --- | --- | 45,000 | |
| | --- | --- | 38,600 | 43,000 | 50,643 | 52,115 | 53,500 | 69,092 | 65,000 | --- | --- | 53,886 | |
| | --- | --- | --- | --- | 5,879 | 5,910 | 21,920 | 27,013 | --- | --- | --- | 13,960 | |
| | 0 | 0 | 1 | 1 | 7 | 4 | 2 | 3 | 1 | 0 | 0 | 19 | |
| 33-47 | --- | --- | --- | 56,000 | --- | 78,000 | --- | 88,150 | --- | --- | --- | 70,125 | |
| | --- | --- | --- | 50,000 | 50,250 | 64,500 | 43,250 | 78,500 | 57,900 | --- | 52,500 | 52,750 | |
| | --- | --- | --- | 42,046 | --- | 48,000 | --- | 49,500 | --- | --- | --- | 48,500 | |
| | --- | --- | --- | 49,349 | 50,250 | 63,500 | 43,250 | 72,050 | 57,900 | --- | 52,500 | 58,337 | |
| | --- | --- | --- | 7,000 | 354 | 15,025 | --- | 21,329 | --- | --- | 3,536 | 15,118 | |
| | 0 | 0 | 0 | 3 | 2 | 3 | 1 | 4 | 1 | 0 | 2 | 16 | |
| 48-67 | --- | --- | --- | --- | 62,500 | --- | --- | --- | --- | 80,000 | --- | 75,625 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 61,750 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 48,250 | |
| | --- | --- | --- | --- | 62,500 | --- | --- | --- | --- | 80,000 | --- | 61,875 | |
| | --- | --- | --- | --- | --- | --- | --- | 12,021 | --- | --- | --- | 14,710 | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 4 | |
| 68-99 | --- | --- | --- | 60,000 | --- | --- | --- | --- | 63,000 | --- | --- | 63,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50,000 | 60,000 | |
| | --- | --- | --- | 60,000 | --- | --- | --- | --- | 63,000 | --- | 50,000 | 50,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 57,667 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 6,807 | |
| >=100 | --- | --- | --- | --- | 75,750 | --- | --- | --- | --- | --- | --- | 72,500 | |
| | --- | --- | --- | --- | 61,300 | 61,000 | 39,750 | 85,000 | 70,000 | --- | --- | 65,850 | |
| | --- | --- | --- | --- | 44,900 | --- | --- | --- | --- | --- | --- | 54,700 | |
| | --- | --- | --- | --- | 60,650 | 61,000 | 39,750 | 85,000 | 70,000 | --- | --- | 62,310 | |
| | --- | --- | --- | --- | 16,406 | --- | 40,941 | 21,213 | --- | --- | --- | 23,695 | |
| | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 2 | 1 | 0 | 0 | 10 | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 45,950 | 42,000 | 37,000 | 37,000 | |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | |

Table 2.3.5

SALARIES of M.S.CHEMISTS EMPLOYED FULL-TIME in PRIVATE INDUSTRY
by INDUSTRY EMPLOYERS and YEARS SINCE BS
1984 Survey of ACS Members

| EMPLOYER | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|-------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | No Resp |
| Mfg Chem | --- | 27,750 | 32,850 | 39,925 | 47,450 | 54,500 | 50,250 | 60,000 | 60,450 | 66,000 | 49,500 | 48,000 | - 75th %-ile |
| | --- | 26,500 | 29,800 | 34,800 | 42,400 | 45,000 | 44,200 | 47,500 | 49,500 | 49,700 | 41,000 | 38,000 | - 50th %-ile |
| | --- | 25,100 | 26,475 | 30,575 | 37,160 | 36,625 | 38,875 | 35,000 | 41,700 | 35,900 | 32,400 | 31,500 | - 25th %-ile |
| | --- | 26,322 | 29,414 | 35,960 | 42,907 | 46,017 | 46,055 | 49,546 | 50,236 | 52,522 | 40,883 | 41,350 | - Mean |
| | --- | 2,686 | 4,382 | 7,424 | 8,103 | 12,121 | 11,348 | 15,964 | 12,885 | 23,765 | 9,601 | 13,173 | - Std Dev |
| | 0 | 9 | 40 | 60 | 37 | 28 | 24 | 39 | 25 | 9 | 12 | 283 | - Count |
| Mfg Coatings | --- | 25,900 | 32,100 | 44,750 | 40,000 | --- | 47,000 | 73,400 | 50,000 | --- | --- | 44,500 | |
| | --- | 25,440 | 30,880 | 38,000 | 33,000 | 44,500 | 40,500 | 60,000 | 42,120 | 27,000 | 63,000 | 34,000 | |
| | --- | 23,000 | 27,150 | 31,750 | 29,100 | --- | 33,250 | 36,250 | 29,000 | --- | --- | 29,050 | |
| | --- | 24,780 | 29,476 | 38,400 | 36,157 | 44,500 | 40,250 | 55,860 | 41,781 | 27,000 | 63,000 | 38,826 | |
| | --- | 1,559 | 6,434 | 9,301 | 9,820 | 23,335 | 7,136 | 18,880 | 12,987 | --- | 41,012 | 14,634 | |
| | 0 | 3 | 10 | 12 | 7 | 2 | 4 | 5 | 7 | 1 | 2 | 53 | |
| Mfg Food | --- | --- | --- | 42,500 | 39,720 | 48,125 | --- | 85,000 | --- | --- | --- | 44,563 | |
| | --- | 24,000 | 27,400 | 33,600 | 35,500 | 34,750 | 43,250 | 53,000 | 41,000 | 64,400 | 30,500 | 35,750 | |
| | --- | --- | --- | 29,000 | 31,000 | 27,225 | --- | 32,500 | --- | --- | --- | 30,000 | |
| | --- | 24,000 | 27,400 | 36,067 | 37,074 | 36,763 | 43,250 | 57,600 | 41,000 | 64,400 | 30,500 | 40,154 | |
| | --- | --- | 3,677 | 9,064 | 7,462 | 11,852 | --- | 28,693 | --- | 31,396 | 7,778 | 16,744 | |
| | 0 | 1 | 2 | 9 | 7 | 6 | 1 | 5 | 1 | 2 | 2 | 36 | |
| Mfg Metals/ minerals | --- | --- | 35,000 | 39,500 | 39,200 | 55,000 | --- | 54,638 | --- | --- | 72,000 | 44,375 | |
| | --- | --- | 32,500 | 39,000 | 33,500 | 44,000 | 40,250 | 48,000 | --- | --- | 58,000 | 36,250 | |
| | --- | --- | 26,000 | 30,700 | 29,000 | 36,500 | --- | 32,000 | --- | --- | 28,500 | 32,000 | |
| | --- | --- | 30,814 | 35,880 | 33,900 | 45,167 | 40,250 | 44,255 | --- | --- | 52,833 | 39,021 | |
| | --- | --- | 6,135 | 5,420 | 5,112 | 9,305 | 6,010 | 11,661 | --- | --- | 22,205 | 11,483 | |
| | 0 | 0 | 7 | 5 | 3 | 3 | 2 | 5 | 0 | 0 | 3 | 28 | |
| Mfg Paper | --- | --- | --- | 27,500 | 40,500 | --- | --- | --- | --- | --- | --- | 46,596 | |
| | --- | --- | --- | --- | --- | --- | --- | 41,000 | 44,548 | --- | --- | 41,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31,000 | |
| | --- | --- | --- | 27,500 | 40,500 | --- | --- | 41,000 | 44,548 | --- | --- | 38,014 | |
| | --- | --- | --- | 10,607 | 13,435 | --- | --- | --- | 2,896 | --- | --- | 10,240 | |
| | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 7 | |
| Mfg Petroleum | --- | --- | 41,050 | 46,250 | 73,425 | 57,000 | --- | 72,000 | 87,500 | --- | 69,500 | 61,750 | |
| | --- | --- | 35,000 | 36,700 | 55,100 | 48,000 | 43,600 | 60,000 | 75,000 | 75,100 | 55,000 | 48,500 | |
| | --- | --- | 30,948 | 35,700 | 40,000 | 31,000 | --- | 49,000 | 43,000 | --- | 45,900 | 38,950 | |
| | --- | --- | 35,799 | 39,867 | 56,175 | 44,729 | 43,600 | 61,589 | 67,200 | 75,100 | 57,160 | 51,696 | |
| | --- | --- | 5,373 | 6,163 | 18,760 | 14,310 | 2,263 | 14,888 | 23,274 | --- | 13,610 | 17,158 | |
| | 0 | 0 | 5 | 6 | 4 | 7 | 2 | 7 | 5 | 1 | 5 | 42 | |
| Mfg Pharm | --- | 30,000 | 31,000 | 36,463 | 40,000 | 50,875 | 54,250 | 69,825 | 70,000 | 50,000 | 44,000 | 41,000 | |
| | --- | 26,000 | 27,000 | 32,850 | 36,000 | 42,250 | 41,950 | 44,925 | 52,000 | 48,000 | 42,000 | 34,500 | |
| | --- | 25,000 | 24,250 | 30,000 | 33,950 | 37,500 | 38,500 | 35,125 | 44,000 | 40,000 | 38,000 | 30,000 | |
| | --- | 26,608 | 27,587 | 33,570 | 37,497 | 45,950 | 44,113 | 52,395 | 56,429 | 46,129 | 41,333 | 37,026 | |
| | --- | 2,722 | 4,582 | 5,990 | 7,000 | 13,105 | 8,734 | 21,227 | 16,102 | 5,045 | 3,055 | 11,805 | |
| | 0 | 7 | 36 | 42 | 37 | 10 | 12 | 10 | 7 | 7 | 3 | 171 | |
| Mfg Rubber | --- | --- | 33,450 | --- | 46,000 | 81,740 | 50,340 | 65,000 | 45,000 | --- | --- | 47,770 | |
| | --- | --- | 28,650 | 39,000 | 40,000 | 50,480 | 45,680 | 45,000 | 43,000 | 100,000 | 37,200 | 41,500 | |
| | --- | --- | 25,875 | --- | 26,400 | 39,050 | 36,958 | 40,000 | 37,920 | --- | --- | 35,550 | |
| | --- | --- | 29,325 | 39,000 | 37,467 | 57,090 | 44,326 | 50,000 | 41,973 | 100,000 | 37,200 | 45,312 | |
| | --- | --- | 4,158 | --- | 10,043 | 23,396 | 7,085 | 13,229 | 3,650 | --- | --- | 17,918 | |
| | 0 | 0 | 4 | 1 | 3 | 4 | 4 | 3 | 3 | 1 | 1 | 24 | |
| Mfg Other | --- | 30,000 | 36,000 | 41,000 | 45,250 | 55,000 | 60,250 | 46,000 | 54,000 | 43,500 | --- | 45,000 | |
| | --- | 25,000 | 32,000 | 34,250 | 40,000 | 45,500 | 52,500 | 42,000 | 50,000 | 40,500 | 40,000 | 37,000 | |
| | --- | 20,000 | 28,000 | 29,559 | 31,750 | 40,000 | 37,500 | 38,200 | 42,500 | 37,550 | --- | 30,220 | |
| | --- | 25,286 | 31,947 | 34,605 | 40,289 | 45,710 | 48,180 | 47,016 | 48,909 | 39,867 | 40,000 | 38,787 | |
| | --- | 4,855 | 6,288 | 7,808 | 12,106 | 9,309 | 16,181 | 16,199 | 12,749 | 5,117 | 14,142 | 12,081 | |
| | 0 | 7 | 47 | 38 | 30 | 23 | 10 | 19 | 11 | 6 | 2 | 193 | |
| Non-Mfg | --- | 36,600 | 30,000 | 39,500 | 53,250 | 59,000 | 60,000 | 65,000 | --- | 71,500 | --- | 42,100 | |
| | --- | 27,300 | 26,900 | 32,000 | 42,100 | 52,750 | 38,000 | 55,000 | 37,100 | 50,000 | 49,000 | 33,000 | |
| | --- | 25,500 | 22,313 | 28,800 | 36,125 | 37,125 | 31,000 | 50,000 | --- | 34,000 | --- | 28,000 | |
| | --- | 29,800 | 26,406 | 33,361 | 45,970 | 49,625 | 43,000 | 56,667 | 37,100 | 51,833 | 49,000 | 36,858 | |
| | --- | 5,957 | 5,406 | 6,178 | 15,857 | 11,898 | 15,133 | 7,638 | 7,071 | 18,817 | 29,698 | 13,335 | |
| | 0 | 3 | 18 | 23 | 10 | 4 | 3 | 3 | 2 | 3 | 2 | 71 | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | |

Table 2.3.6

SALARIES of FULL-TIME EMPLOYED M.S. CHEMISTS IN PRIVATE INDUSTRY
by GEOGRAPHIC REGION and YEARS SINCE BS
1984 Survey of ACS Members

| REGION | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|--------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | No Resp |
| Pacific | --- | --- | 35,775 | 40,625 | 50,000 | 57,000 | --- | --- | 60,750 | --- | --- | 40,625 | - 75th %-ile |
| | --- | 24,500 | 34,000 | 36,250 | 34,250 | 44,000 | 30,800 | 42,000 | 53,000 | 34,000 | 64,000 | 34,750 | - 50th %-ile |
| | --- | --- | 30,000 | 28,734 | 30,000 | 40,000 | --- | --- | 32,013 | --- | --- | 30,000 | - 25th %-ile |
| | --- | 24,500 | 33,109 | 35,254 | 38,320 | 47,000 | 30,800 | 42,000 | 48,588 | 34,000 | 64,000 | 37,174 | - Mean |
| | --- | 707 | 4,251 | 7,066 | 9,968 | 8,888 | 1,697 | 14,142 | 16,214 | --- | 19,799 | 10,586 | - Std Dev |
| | 0 | 2 | 22 | 10 | 10 | 3 | 2 | 2 | 4 | 1 | 2 | 58 | - Count |
| Mountain | --- | --- | --- | 41,250 | 61,025 | --- | --- | --- | --- | --- | --- | 42,500 | |
| | --- | --- | 39,600 | 34,600 | 32,250 | 57,000 | 60,000 | 32,000 | --- | --- | --- | 34,800 | |
| | --- | --- | --- | 28,278 | 27,250 | --- | --- | --- | --- | --- | --- | 31,500 | |
| | --- | --- | 39,600 | 34,914 | 40,175 | 57,000 | 60,000 | 32,000 | --- | --- | --- | 39,507 | |
| | --- | --- | 0 | 6,375 | 20,258 | --- | --- | --- | --- | --- | --- | 12,419 | |
| | 0 | 0 | 2 | 8 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 17 | |
| W.N. Central | --- | 31,000 | 30,320 | 32,995 | 47,500 | --- | --- | 66,700 | --- | --- | --- | 40,390 | |
| | --- | 26,000 | 28,400 | 30,350 | 38,500 | 27,600 | 10,800 | 42,710 | 41,885 | --- | 46,000 | 30,750 | |
| | --- | 21,000 | 22,938 | 23,625 | 25,750 | --- | --- | 33,750 | --- | --- | --- | 26,600 | |
| | --- | 26,000 | 27,218 | 28,858 | 37,250 | 27,600 | 10,800 | 48,753 | 41,885 | --- | 46,000 | 34,687 | |
| | --- | 5,000 | 3,625 | 5,244 | 11,325 | --- | --- | 20,170 | 3,345 | --- | --- | 14,404 | |
| | 0 | 3 | 6 | 8 | 4 | 1 | 1 | 8 | 2 | 0 | 1 | 34 | |
| W.S. Central | --- | --- | 34,013 | 43,650 | 44,500 | 59,750 | 45,300 | 66,600 | 85,000 | --- | 55,000 | 50,030 | |
| | --- | 28,000 | 30,000 | 36,000 | 40,050 | 42,520 | 40,500 | 64,000 | 56,000 | --- | 48,000 | 41,050 | |
| | --- | --- | 28,890 | 31,709 | 29,055 | 28,000 | 36,500 | 42,000 | 41,000 | --- | 37,200 | 33,700 | |
| | --- | 28,000 | 30,935 | 37,158 | 43,168 | 43,453 | 40,900 | 59,255 | 59,571 | --- | 49,982 | 45,151 | |
| | --- | --- | 2,466 | 7,366 | 17,220 | 17,054 | 5,010 | 18,554 | 22,082 | --- | 18,027 | 16,962 | |
| | 0 | 1 | 6 | 18 | 12 | 8 | 6 | 11 | 7 | 0 | 11 | 80 | |
| E.N. Central | --- | 26,325 | 32,875 | 38,000 | 42,750 | 55,000 | 54,000 | 50,500 | 61,625 | 87,550 | 46,600 | 45,000 | |
| | --- | 25,550 | 30,000 | 33,200 | 38,000 | 44,500 | 44,500 | 43,500 | 45,960 | 52,000 | 32,150 | 36,500 | |
| | --- | 20,000 | 26,805 | 30,000 | 33,925 | 35,500 | 40,250 | 38,950 | 33,075 | 43,450 | 25,525 | 31,000 | |
| | --- | 24,000 | 30,284 | 34,842 | 39,236 | 46,184 | 48,005 | 46,935 | 47,753 | 62,800 | 36,300 | 39,211 | |
| | --- | 3,136 | 5,217 | 6,970 | 7,853 | 12,347 | 11,818 | 13,307 | 15,144 | 24,619 | 13,744 | 12,451 | |
| | 0 | 6 | 28 | 43 | 36 | 19 | 10 | 18 | 8 | 5 | 6 | 179 | |
| E.S. Central | --- | --- | --- | 34,200 | 54,750 | --- | 45,500 | --- | --- | --- | --- | 45,000 | |
| | --- | --- | 25,225 | 31,000 | 42,360 | 44,900 | 43,000 | --- | 70,000 | --- | --- | 36,000 | |
| | --- | --- | --- | 28,036 | 33,930 | --- | 36,000 | --- | --- | --- | --- | 30,536 | |
| | --- | --- | 25,225 | 31,094 | 43,680 | 44,900 | 41,500 | --- | 70,000 | --- | --- | 39,114 | |
| | --- | --- | 1,732 | 3,449 | 10,938 | 141 | 4,924 | --- | --- | --- | --- | 11,955 | |
| | 0 | 0 | 2 | 5 | 4 | 2 | 3 | 0 | 1 | 0 | 0 | 17 | |
| Mid-Atlantic | --- | 28,000 | 32,725 | 40,150 | 45,000 | 55,000 | 51,000 | 66,000 | 52,000 | 66,125 | 55,000 | 47,000 | |
| | --- | 25,440 | 28,948 | 34,750 | 39,200 | 46,650 | 42,900 | 50,200 | 46,000 | 50,000 | 34,000 | 37,200 | |
| | --- | 24,000 | 25,100 | 30,000 | 34,000 | 42,500 | 40,700 | 37,600 | 42,100 | 39,750 | 30,000 | 30,000 | |
| | --- | 25,833 | 28,894 | 35,836 | 41,569 | 48,855 | 44,820 | 52,360 | 46,868 | 53,342 | 41,929 | 39,943 | |
| | --- | 2,830 | 5,416 | 7,302 | 11,164 | 11,898 | 9,472 | 14,608 | 10,306 | 22,454 | 16,120 | 13,522 | |
| | 0 | 9 | 52 | 52 | 22 | 15 | 25 | 15 | 12 | 7 | 244 | | |
| So. Atlantic | --- | --- | 32,800 | 42,150 | 46,225 | 44,000 | 51,520 | 54,500 | 61,250 | 70,750 | --- | 47,390 | |
| | --- | 26,500 | 24,500 | 35,190 | 40,500 | 35,750 | 41,500 | 49,800 | 48,760 | 41,150 | 48,000 | 39,650 | |
| | --- | --- | 19,975 | 28,250 | 31,750 | 30,750 | 37,236 | 41,700 | 44,000 | 34,200 | --- | 32,000 | |
| | --- | 26,500 | 26,450 | 34,699 | 39,557 | 37,063 | 44,217 | 52,631 | 53,128 | 48,700 | 48,000 | 40,848 | |
| | --- | 1,414 | 7,560 | 8,705 | 7,671 | 7,571 | 9,620 | 18,423 | 12,913 | 21,315 | 14,142 | 14,186 | |
| | 0 | 2 | 9 | 18 | 14 | 8 | 6 | 13 | 8 | 4 | 2 | 84 | |
| New England | --- | --- | 32,250 | 39,072 | 44,225 | 53,250 | 57,528 | 57,000 | 43,000 | --- | --- | 42,475 | |
| | --- | 32,000 | 28,500 | 30,975 | 39,000 | 41,000 | 44,500 | 41,000 | 31,000 | 45,700 | --- | 34,650 | |
| | --- | --- | 25,000 | 28,000 | 34,975 | 26,875 | 38,125 | 36,500 | 30,000 | --- | --- | 29,625 | |
| | --- | 32,000 | 28,978 | 33,803 | 39,700 | 40,375 | 46,102 | 49,038 | 34,667 | 45,700 | --- | 37,027 | |
| | --- | --- | 7,157 | 6,606 | 6,424 | 13,720 | 11,906 | 19,932 | 7,234 | 8,061 | --- | 12,178 | |
| | 0 | 1 | 17 | 15 | 6 | 4 | 6 | 8 | 3 | 2 | 0 | 62 | |
| No Response | --- | 31,650 | 30,000 | 40,000 | 50,000 | 60,000 | 56,790 | 57,000 | 57,900 | 44,075 | 50,000 | 50,000 | |
| | --- | 27,650 | 28,500 | 34,568 | 40,000 | 49,000 | 51,500 | 42,000 | 49,500 | 41,500 | 42,000 | 38,800 | |
| | --- | 25,625 | 26,200 | 31,350 | 35,700 | 40,000 | 39,625 | 35,000 | 42,400 | 37,550 | 38,000 | 30,000 | |
| | --- | 28,567 | 28,799 | 36,548 | 42,047 | 47,948 | 49,847 | 49,282 | 51,226 | 40,850 | 43,333 | 41,236 | |
| | --- | 4,556 | 5,361 | 8,219 | 9,938 | 12,473 | 9,877 | 20,597 | 14,850 | 6,255 | 6,110 | 13,560 | |
| | 0 | 6 | 25 | 21 | 15 | 19 | 12 | 11 | 15 | 6 | 3 | 133 | |
| TOTAL | --- | 28,000 | 33,000 | 40,000 | 45,000 | 55,000 | 51,250 | 60,000 | 56,000 | 51,550 | 54,250 | 46,000 | |
| | --- | 25,950 | 30,000 | 34,000 | 39,100 | 45,000 | 44,000 | 47,500 | 47,520 | 45,950 | 42,000 | 37,000 | |
| | --- | 24,750 | 26,000 | 30,000 | 33,600 | 36,500 | 38,000 | 37,000 | 41,000 | 39,825 | 33,700 | 30,200 | |
| | --- | 26,263 | 29,633 | 35,090 | 40,541 | 45,797 | 45,076 | 50,827 | 49,962 | 50,647 | 45,659 | 39,931 | |
| | --- | 3,602 | 5,659 | 7,293 | 10,473 | 12,393 | 10,905 | 16,916 | 14,675 | 19,772 | 16,013 | 13,579 | |
| | 0 | 30 | 169 | 198 | 140 | 87 | 62 | 97 | 63 | 30 | 32 | 908 | |

Table 2.4.1

SALARIES of FULL-TIME EMPLOYED Ph.D. CHEMISTS IN PRIVATE INDUSTRY
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Biochemistry | --- | --- | 38,259 | 46,000 | 45,750 | 57,250 | 65,000 | 67,000 | 67,000 | --- | --- | 51,813 | - 75th %-ile |
| | --- | --- | 35,500 | 41,700 | 44,150 | 50,000 | 55,955 | 53,000 | 63,090 | 57,500 | 40,000 | 44,250 | - 50th %-ile |
| | --- | --- | 34,150 | 35,000 | 38,466 | 48,000 | 51,250 | 26,500 | 47,928 | --- | --- | 38,100 | - 25th %-ile |
| | --- | --- | 35,192 | 40,132 | 43,687 | 52,717 | 59,446 | 48,000 | 58,589 | 57,500 | 40,000 | 45,955 | - Mean |
| | --- | --- | 4,911 | 7,680 | 7,864 | 13,096 | 12,532 | 22,683 | 10,298 | 19,092 | --- | 12,759 | - Std Dev |
| | 0 | 0 | 8 | 27 | 16 | 12 | 8 | 5 | 5 | 2 | 1 | 84 | - Count |
| Agricultural/ food chemistry | --- | --- | 37,375 | 41,625 | 58,000 | 59,750 | 60,000 | 65,500 | 95,000 | 72,250 | --- | 58,000 | |
| | --- | --- | 36,250 | 39,000 | 50,650 | 50,000 | 53,100 | 56,000 | 62,400 | 56,400 | --- | 48,000 | |
| | --- | --- | 34,525 | 35,750 | 39,775 | 45,250 | 49,375 | 50,000 | 56,000 | 43,750 | --- | 39,000 | |
| | --- | --- | 36,083 | 39,107 | 50,568 | 52,933 | 54,370 | 59,591 | 71,200 | 56,975 | --- | 50,142 | |
| | --- | --- | 2,506 | 6,620 | 13,536 | 12,134 | 6,269 | 15,869 | 19,086 | 15,183 | --- | 14,652 | |
| | 0 | 0 | 6 | 30 | 20 | 21 | 10 | 11 | 7 | 8 | 0 | 113 | |
| Analytical chemistry | --- | --- | 37,750 | 45,625 | 50,000 | 60,475 | 66,100 | 64,250 | 62,300 | 56,375 | 64,025 | 52,550 | |
| | --- | --- | 35,400 | 41,236 | 45,000 | 49,550 | 51,520 | 51,050 | 55,000 | 50,000 | 38,000 | 44,000 | |
| | --- | --- | 33,000 | 37,175 | 39,000 | 42,475 | 44,058 | 39,900 | 47,000 | 38,300 | 29,650 | 37,150 | |
| | --- | --- | 35,690 | 41,561 | 44,236 | 52,576 | 54,458 | 53,198 | 56,687 | 52,860 | 43,900 | 46,469 | |
| | --- | --- | 4,080 | 5,827 | 9,126 | 13,745 | 13,084 | 15,120 | 12,599 | 18,398 | 17,117 | 12,660 | |
| | 0 | 0 | 41 | 62 | 77 | 48 | 26 | 26 | 21 | 14 | 14 | 325 | |
| Environmental chemistry | --- | --- | --- | 45,000 | 61,000 | 67,750 | 63,000 | 79,000 | 96,750 | 70,875 | --- | 67,500 | |
| | --- | --- | 34,750 | 40,000 | 43,000 | 61,000 | 54,000 | 62,262 | 72,500 | 56,500 | --- | 51,000 | |
| | --- | --- | --- | 34,975 | 34,000 | 48,000 | 45,450 | 51,250 | 41,500 | 44,896 | --- | 40,000 | |
| | --- | --- | 34,750 | 41,032 | 50,791 | 58,415 | 55,835 | 65,541 | 70,250 | 54,710 | --- | 54,112 | |
| | --- | --- | 7,425 | 6,859 | 19,793 | 11,695 | 12,869 | 16,126 | 28,802 | 19,600 | --- | 17,292 | |
| | 0 | 0 | 2 | 12 | 11 | 13 | 9 | 8 | 4 | 8 | 0 | 67 | |
| Organic chemistry | --- | --- | 38,500 | 45,798 | 52,613 | 56,640 | 64,000 | 68,000 | 70,000 | 76,250 | 69,000 | 56,000 | |
| | --- | --- | 36,000 | 40,000 | 46,500 | 52,000 | 55,000 | 52,500 | 54,000 | 56,500 | 59,000 | 48,000 | |
| | --- | --- | 33,800 | 36,000 | 39,850 | 46,000 | 46,610 | 46,500 | 47,800 | 49,825 | 37,800 | 39,850 | |
| | --- | --- | 36,361 | 41,283 | 47,387 | 53,017 | 55,732 | 57,260 | 58,251 | 62,021 | 56,289 | 49,653 | |
| | --- | --- | 4,409 | 6,752 | 10,256 | 10,554 | 12,540 | 14,464 | 15,627 | 21,943 | 19,743 | 13,820 | |
| | 0 | 0 | 57 | 72 | 76 | 70 | 61 | 53 | 28 | 18 | 9 | 444 | |
| Inorganic chemistry | --- | --- | 42,275 | 47,250 | 52,000 | 60,000 | 68,750 | 76,000 | 80,000 | 67,550 | 53,750 | 53,750 | |
| | --- | --- | 36,700 | 42,830 | 45,000 | 50,000 | 50,590 | 57,950 | 66,000 | 55,750 | 43,000 | 46,000 | |
| | --- | --- | 35,250 | 39,600 | 38,000 | 41,900 | 34,316 | 52,125 | 38,250 | 51,375 | 36,000 | 38,625 | |
| | --- | --- | 38,592 | 43,470 | 45,171 | 53,794 | 52,056 | 62,280 | 61,417 | 58,225 | 44,250 | 48,535 | |
| | --- | --- | 4,853 | 5,401 | 8,043 | 13,142 | 18,381 | 15,407 | 21,249 | 8,828 | 9,743 | 12,867 | |
| | 0 | 0 | 18 | 30 | 23 | 19 | 8 | 16 | 3 | 4 | 4 | 125 | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | 37,750 | 45,000 | 60,250 | 70,000 | 62,000 | 69,000 | 81,000 | 84,106 | 72,344 | 62,000 | |
| | --- | --- | 36,000 | 40,500 | 45,000 | 57,500 | 56,120 | 59,000 | 69,500 | 65,500 | 62,338 | 47,000 | |
| | --- | --- | 32,500 | 36,475 | 40,225 | 44,710 | 42,750 | 46,000 | 44,000 | 51,500 | 42,450 | 39,000 | |
| | --- | --- | 35,434 | 41,430 | 49,558 | 58,387 | 56,408 | 60,145 | 65,943 | 70,517 | 59,044 | 51,864 | |
| | --- | --- | 4,253 | 7,077 | 11,736 | 18,421 | 14,945 | 17,179 | 20,674 | 18,641 | 16,257 | 17,035 | |
| | 0 | 0 | 28 | 36 | 50 | 29 | 20 | 20 | 10 | 18 | 4 | 215 | |
| Physical chemistry | --- | --- | 41,750 | 48,225 | 55,750 | 61,000 | 60,000 | 72,000 | 75,000 | 86,000 | --- | 60,000 | |
| | --- | --- | 39,000 | 44,000 | 49,000 | 53,000 | 54,000 | 60,000 | 69,210 | 80,000 | --- | 48,450 | |
| | --- | --- | 35,425 | 38,950 | 40,000 | 46,190 | 46,000 | 49,800 | 55,221 | 45,610 | --- | 41,415 | |
| | --- | --- | 38,700 | 45,035 | 49,916 | 54,889 | 55,274 | 60,960 | 66,881 | 68,644 | --- | 52,286 | |
| | --- | --- | 5,292 | 8,796 | 11,399 | 13,947 | 11,862 | 14,064 | 11,006 | 21,812 | --- | 13,934 | |
| | 0 | 0 | 16 | 34 | 38 | 29 | 19 | 19 | 12 | 5 | 0 | 172 | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 64,000 | |
| | --- | --- | 34,500 | 35,318 | 67,000 | 57,360 | --- | --- | 55,000 | --- | --- | 55,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 34,736 | |
| | --- | --- | 34,500 | 35,318 | 67,000 | 57,360 | --- | --- | 55,000 | --- | --- | 50,214 | |
| | --- | --- | --- | 823 | 4,243 | --- | --- | --- | --- | --- | --- | 14,983 | |
| | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 7 | |
| Polymer/ macromolecular chemistry | --- | --- | 40,750 | 44,000 | 52,120 | 63,185 | 64,000 | 69,600 | 70,000 | 68,000 | 54,000 | 60,000 | |
| | --- | --- | 37,500 | 40,000 | 47,500 | 52,546 | 56,000 | 60,000 | 60,000 | 61,000 | 46,150 | 49,400 | |
| | --- | --- | 35,825 | 36,400 | 40,916 | 45,225 | 49,450 | 50,097 | 50,000 | 50,000 | 38,525 | 41,000 | |
| | --- | --- | 37,844 | 40,626 | 48,332 | 54,993 | 56,940 | 60,496 | 61,206 | 60,632 | 46,793 | 51,412 | |
| | --- | --- | 3,841 | 5,151 | 9,687 | 13,445 | 10,280 | 15,425 | 13,787 | 12,377 | 10,898 | 13,573 | |
| | 0 | 0 | 41 | 51 | 70 | 62 | 49 | 49 | 27 | 20 | 14 | 383 | |
| Other chemistry | --- | --- | 41,500 | 48,800 | 52,850 | 77,500 | 64,000 | 52,000 | --- | 75,000 | 89,750 | 60,000 | |
| | --- | --- | 37,500 | 43,000 | 47,500 | 62,000 | 52,000 | 50,000 | 66,850 | 74,500 | 60,500 | 48,600 | |
| | --- | --- | 35,018 | 39,000 | 38,375 | 52,250 | 46,000 | 40,000 | --- | 56,000 | 26,000 | 40,600 | |
| | --- | --- | 38,189 | 45,335 | 45,872 | 64,068 | 55,633 | 52,138 | 66,850 | 68,500 | 58,750 | 51,415 | |
| | --- | --- | 3,955 | 9,474 | 10,384 | 14,873 | 9,522 | 17,710 | 18,597 | 12,342 | 33,738 | 15,581 | |
| | 1 | 0 | 12 | 17 | 22 | 17 | 15 | 11 | 2 | 4 | 4 | 105 | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | --- | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | --- | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 2.4.1.1

SALARIES of FULL-TIME EMPLOYED Ph.D. CHEMISTS IN PRIVATE INDUSTRY -MEN Only
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Biochemistry | --- | --- | 38,218 | 46,000 | 46,500 | 58,000 | 65,000 | 67,000 | 67,000 | --- | --- | 54,250 | - 75th %ile |
| | --- | --- | 36,000 | 42,000 | 44,150 | 50,000 | 55,955 | 53,000 | 63,090 | 57,500 | 40,000 | 45,000 | - 50th %ile |
| | --- | --- | 34,800 | 35,000 | 37,691 | 48,000 | 51,250 | 26,500 | 47,928 | --- | --- | 38,450 | - 25th %ile |
| | --- | --- | 36,407 | 41,195 | 43,885 | 54,873 | 59,446 | 48,000 | 58,589 | 57,500 | 40,000 | 47,446 | - Mean |
| | --- | --- | 1,731 | 6,107 | 8,360 | 11,283 | 12,532 | 22,683 | 10,298 | 19,092 | --- | 12,433 | - Std Dev |
| | 0 | 0 | 5 | 23 | 14 | 11 | 8 | 5 | 5 | 2 | 1 | 74 | - Count |
| Agricultural/ food chemistry | --- | --- | 38,250 | 41,750 | 58,000 | 59,750 | 60,000 | 65,500 | 95,000 | 75,000 | --- | 58,215 | |
| | --- | --- | 36,000 | 39,000 | 50,000 | 50,000 | 56,200 | 56,000 | 62,400 | 60,000 | --- | 49,000 | |
| | --- | --- | 33,750 | 36,855 | 40,250 | 45,250 | 49,250 | 50,000 | 56,000 | 42,000 | --- | 39,850 | |
| | --- | --- | 36,000 | 39,988 | 49,904 | 52,933 | 54,856 | 59,591 | 71,200 | 58,114 | --- | 50,922 | |
| | --- | --- | 2,792 | 6,556 | 13,377 | 12,134 | 6,447 | 15,869 | 19,086 | 16,026 | --- | 14,711 | |
| | 0 | 0 | 5 | 25 | 17 | 21 | 9 | 11 | 7 | 7 | 0 | 102 | |
| Analytical chemistry | --- | --- | 37,750 | 45,600 | 50,125 | 63,000 | 67,400 | 64,000 | 63,000 | 56,375 | 65,450 | 53,550 | |
| | --- | --- | 35,760 | 42,000 | 45,000 | 51,000 | 53,040 | 51,050 | 56,000 | 50,000 | 42,500 | 45,000 | |
| | --- | --- | 33,000 | 37,400 | 39,000 | 45,000 | 43,716 | 40,313 | 46,500 | 38,300 | 34,500 | 38,400 | |
| | --- | --- | 35,880 | 41,841 | 44,633 | 54,146 | 54,636 | 52,964 | 57,127 | 52,860 | 49,320 | 47,261 | |
| | --- | --- | 4,095 | 5,633 | 9,283 | 13,644 | 13,321 | 14,060 | 13,173 | 18,398 | 17,402 | 12,750 | |
| | 0 | 0 | 37 | 51 | 70 | 43 | 25 | 24 | 19 | 10 | 10 | 289 | |
| Environmental chemistry | --- | --- | --- | 44,750 | 71,500 | 67,750 | 63,000 | 77,000 | 96,750 | 70,875 | --- | 68,000 | |
| | --- | --- | 34,750 | 39,900 | 46,500 | 61,000 | 54,000 | 62,262 | 72,500 | 56,500 | --- | 53,000 | |
| | --- | --- | --- | 34,975 | 33,250 | 48,000 | 45,450 | 51,450 | 41,500 | 44,896 | --- | 40,500 | |
| | --- | --- | 34,750 | 40,890 | 52,856 | 58,415 | 55,835 | 63,721 | 70,250 | 54,710 | --- | 54,829 | |
| | --- | --- | 7,425 | 7,646 | 21,512 | 11,695 | 12,869 | 13,718 | 28,802 | 19,600 | --- | 17,250 | |
| | 0 | 0 | 2 | 8 | 9 | 13 | 9 | 6 | 4 | 8 | 0 | 59 | |
| Organic chemistry | --- | --- | 38,550 | 45,948 | 52,500 | 58,125 | 64,375 | 62,650 | 70,185 | 72,750 | 72,000 | 56,000 | |
| | --- | --- | 36,000 | 40,000 | 46,500 | 52,000 | 54,500 | 52,500 | 54,000 | 56,000 | 53,000 | 48,000 | |
| | --- | --- | 33,800 | 36,075 | 39,850 | 45,775 | 46,305 | 45,750 | 48,200 | 49,650 | 36,700 | 40,000 | |
| | --- | --- | 36,184 | 41,515 | 47,429 | 53,104 | 55,768 | 56,845 | 58,972 | 59,787 | 55,950 | 49,672 | |
| | --- | --- | 4,083 | 6,877 | 10,325 | 10,986 | 12,951 | 14,486 | 15,716 | 19,884 | 21,079 | 13,791 | |
| | 0 | 0 | 50 | 66 | 72 | 64 | 56 | 50 | 25 | 17 | 8 | 408 | |
| Inorganic chemistry | --- | --- | 41,025 | 48,000 | 52,000 | 60,000 | 68,750 | 79,250 | 80,000 | 59,000 | 53,750 | 54,000 | |
| | --- | --- | 36,700 | 43,000 | 45,300 | 50,000 | 50,590 | 57,950 | 66,000 | 52,500 | 43,000 | 47,000 | |
| | --- | --- | 35,150 | 39,600 | 38,000 | 41,900 | 34,316 | 52,375 | 38,250 | 51,000 | 36,000 | 38,250 | |
| | --- | --- | 38,391 | 43,841 | 45,550 | 54,159 | 52,056 | 64,178 | 61,417 | 54,167 | 44,250 | 48,699 | |
| | --- | --- | 4,938 | 5,576 | 8,246 | 13,784 | 18,381 | 14,726 | 21,249 | 4,252 | 9,743 | 13,036 | |
| | 0 | 0 | 16 | 27 | 21 | 15 | 8 | 14 | 3 | 3 | 4 | 111 | |
| Pharmaceutical/ medicinal clinical chemistry | --- | --- | 37,750 | 46,500 | 60,250 | 70,000 | 62,500 | 70,750 | 84,000 | 84,106 | 72,344 | 64,281 | |
| | --- | --- | 36,000 | 39,900 | 45,000 | 58,000 | 57,620 | 60,500 | 74,000 | 65,500 | 62,338 | 49,000 | |
| | --- | --- | 32,500 | 36,475 | 40,000 | 45,420 | 44,250 | 52,000 | 45,700 | 51,000 | 42,450 | 39,880 | |
| | --- | --- | 35,631 | 41,484 | 49,795 | 59,245 | 58,041 | 61,717 | 68,489 | 69,795 | 59,044 | 52,441 | |
| | --- | --- | 4,419 | 7,401 | 11,652 | 18,651 | 14,319 | 16,846 | 20,197 | 18,109 | 16,257 | 17,052 | |
| | 0 | 0 | 24 | 32 | 42 | 27 | 18 | 18 | 9 | 14 | 4 | 188 | |
| Physical chemistry | --- | --- | 40,000 | 49,250 | 55,000 | 60,000 | 60,000 | 72,000 | 75,000 | 89,000 | --- | 60,000 | |
| | --- | --- | 38,000 | 44,000 | 50,000 | 53,000 | 55,000 | 60,000 | 69,210 | 65,000 | --- | 49,900 | |
| | --- | --- | 34,000 | 38,900 | 40,000 | 46,380 | 47,200 | 48,850 | 55,221 | 43,415 | --- | 42,000 | |
| | --- | --- | 37,554 | 45,300 | 50,220 | 55,121 | 56,067 | 60,457 | 66,881 | 65,805 | --- | 52,635 | |
| | --- | --- | 5,003 | 9,395 | 11,510 | 13,933 | 11,677 | 14,295 | 11,006 | 24,096 | --- | 14,032 | |
| | 0 | 0 | 13 | 29 | 35 | 27 | 18 | 18 | 12 | 4 | 0 | 156 | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 65,500 | |
| | --- | --- | 34,500 | 35,900 | 67,000 | 57,360 | --- | --- | 55,000 | --- | --- | 56,180 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 35,550 | |
| | --- | --- | 34,500 | 35,900 | 67,000 | 57,360 | --- | --- | 55,000 | --- | --- | 52,793 | |
| | --- | --- | --- | --- | 4,243 | --- | --- | --- | --- | --- | --- | 14,611 | |
| | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 6 | |
| Polymer/ macromolecular chemistry | --- | --- | 40,875 | 44,750 | 52,240 | 63,790 | 63,500 | 69,600 | 69,950 | 65,000 | 58,000 | 60,000 | |
| | --- | --- | 37,550 | 41,200 | 47,000 | 52,000 | 57,000 | 60,000 | 58,900 | 60,000 | 46,150 | 49,200 | |
| | --- | --- | 35,925 | 36,650 | 40,332 | 45,150 | 49,000 | 49,700 | 50,000 | 50,000 | 38,325 | 41,238 | |
| | --- | --- | 37,827 | 41,144 | 48,163 | 54,757 | 56,824 | 60,329 | 60,540 | 59,349 | 47,092 | 51,432 | |
| | --- | --- | 3,930 | 5,060 | 9,794 | 12,954 | 10,515 | 15,972 | 13,996 | 11,268 | 11,538 | 13,430 | |
| | 0 | 0 | 36 | 44 | 65 | 57 | 46 | 45 | 24 | 19 | 12 | 348 | |
| Other chemistry | --- | --- | 42,625 | 48,600 | 52,950 | 80,000 | 64,250 | 52,000 | --- | 75,000 | 98,000 | 62,000 | |
| | --- | --- | 38,000 | 42,000 | 48,000 | 65,000 | 52,000 | 50,000 | 66,850 | 75,000 | 65,000 | 48,800 | |
| | --- | --- | 36,293 | 38,000 | 39,125 | 47,500 | 45,500 | 40,000 | --- | 74,000 | 56,000 | 41,000 | |
| | --- | --- | 20,500 | 39,027 | 44,733 | 46,405 | 64,944 | 55,393 | 52,138 | 66,850 | 74,667 | 73,000 | |
| | --- | --- | 3,771 | 9,840 | 10,706 | 15,677 | 9,834 | 17,710 | 18,597 | 577 | 22,113 | 15,688 | |
| | 1 | 0 | 10 | 15 | 20 | 15 | 14 | 11 | 2 | 3 | 3 | 94 | |
| TOTAL | --- | --- | 38,760 | 45,450 | 52,980 | 62,000 | 64,000 | 67,000 | 72,500 | 74,000 | 64,025 | 58,300 | |
| | --- | --- | 36,400 | 41,472 | 46,500 | 52,550 | 55,000 | 56,000 | 60,000 | 58,000 | 48,250 | 48,000 | |
| | --- | --- | 34,000 | 37,000 | 40,000 | 46,000 | 46,620 | 48,218 | 50,000 | 50,000 | 36,950 | 40,000 | |
| | --- | --- | 36,746 | 42,025 | 47,618 | 55,287 | 56,021 | 58,303 | 61,955 | 60,448 | 51,859 | 50,390 | |
| | --- | --- | 4,227 | 6,868 | 10,869 | 13,493 | 12,157 | 15,569 | 15,643 | 17,146 | 16,926 | 14,247 | |
| 1 | 0 | 199 | 321 | 367 | 294 | 211 | 202 | 111 | 87 | 42 | 1,835 | | |

Table 2.4.1.2

SALARIES of FULL-TIME EMPLOYED PH.D.CHEMISTS IN PRIVATE INDUSTRY WOMEN Only
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|--|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | | |
| Biochemistry | --- | --- | 41,000 | 45,300 | --- | --- | --- | --- | --- | --- | --- | --- | 42,000 | - 75th %ile |
| | --- | --- | 34,000 | 36,650 | 42,300 | 29,000 | --- | --- | --- | --- | --- | --- | 36,800 | - 50th %ile |
| | --- | --- | 24,500 | 20,103 | --- | --- | --- | --- | --- | --- | --- | --- | 27,875 | - 25th %ile |
| | --- | --- | 33,167 | 34,018 | 42,300 | 29,000 | --- | --- | --- | --- | --- | --- | 34,917 | - Mean |
| | 0 | 0 | 8,282 | 13,384 | 3,818 | --- | --- | --- | --- | --- | --- | --- | 9,693 | - Std Dev |
| Agricultural/ food chemistry | --- | --- | --- | 36,500 | --- | --- | --- | --- | --- | --- | --- | --- | 39,200 | |
| | --- | --- | 36,500 | 33,750 | 45,250 | --- | --- | --- | --- | --- | --- | --- | 36,500 | |
| | --- | --- | --- | 28,375 | --- | --- | --- | --- | --- | --- | --- | --- | 32,500 | |
| | --- | --- | 36,500 | 32,875 | 45,250 | --- | --- | --- | --- | --- | --- | --- | 36,929 | |
| | 0 | 0 | --- | 4,328 | 8,556 | --- | --- | --- | --- | --- | --- | --- | 7,459 | |
| Analytical chemistry | --- | --- | 38,025 | 43,350 | 48,225 | 42,250 | --- | --- | --- | --- | 34,850 | 40,000 | | |
| | --- | --- | 33,420 | 37,800 | 38,080 | 38,000 | --- | 32,000 | --- | --- | 29,200 | 36,080 | | |
| | --- | --- | 30,360 | 35,740 | 34,950 | 35,535 | --- | --- | --- | --- | 27,000 | 31,850 | | |
| | --- | --- | 33,935 | 38,931 | 40,310 | 38,595 | --- | 32,000 | --- | --- | 30,350 | 36,991 | | |
| | 0 | 0 | 4,021 | 5,265 | 7,236 | 3,580 | --- | --- | --- | --- | 4,300 | 6,009 | | |
| Environmental chemistry | --- | --- | --- | 46,500 | --- | --- | --- | --- | --- | --- | --- | 50,000 | | |
| | --- | --- | --- | 42,500 | 41,500 | --- | --- | 71,000 | --- | --- | --- | 44,000 | | |
| | --- | --- | --- | 35,187 | --- | --- | --- | --- | --- | --- | --- | 40,000 | | |
| | --- | --- | --- | 41,396 | 41,500 | --- | --- | 71,000 | --- | --- | --- | 48,823 | | |
| | 0 | 0 | 0 | 5,985 | 2,121 | --- | --- | 28,284 | --- | --- | 0 | 17,822 | | |
| Organic chemistry | --- | --- | 38,200 | 42,000 | --- | --- | --- | --- | --- | --- | --- | 54,500 | | |
| | --- | --- | 36,000 | 37,000 | 47,750 | --- | 58,500 | 74,000 | --- | --- | 59,000 | 38,200 | | |
| | --- | --- | 33,600 | 35,300 | --- | --- | --- | --- | --- | --- | --- | 35,400 | | |
| | --- | --- | 37,629 | 38,733 | 47,750 | --- | 58,500 | 74,000 | --- | --- | 59,000 | 44,279 | | |
| | 0 | 0 | 6,570 | 4,910 | 9,546 | --- | 4,950 | --- | --- | --- | 0 | 11,827 | | |
| Inorganic chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 40,800 | | |
| | --- | --- | 36,400 | 40,400 | 41,200 | 40,000 | --- | 36,000 | --- | --- | --- | 40,000 | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36,400 | | |
| | --- | --- | 36,400 | 40,400 | 41,200 | 40,000 | --- | 36,000 | --- | --- | --- | 39,371 | | |
| | 0 | 0 | --- | 566 | 5,374 | --- | --- | --- | --- | --- | 0 | 3,125 | | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | 37,500 | 44,000 | 72,000 | --- | --- | --- | --- | --- | --- | 57,500 | | |
| | --- | --- | 34,000 | 44,000 | 42,000 | 56,000 | 29,928 | 46,000 | 43,025 | 72,642 | --- | 42,000 | | |
| | --- | --- | 31,250 | 35,000 | 41,000 | --- | --- | --- | --- | --- | --- | 34,000 | | |
| | --- | --- | 34,250 | 41,000 | 51,667 | 56,000 | 29,928 | 46,000 | 43,025 | 72,642 | --- | 45,955 | | |
| | 0 | 0 | 3,304 | 5,196 | 17,616 | --- | --- | 18,385 | --- | 14,162 | --- | 15,322 | | |
| Physical chemistry | --- | --- | 48,000 | 47,250 | --- | --- | --- | --- | --- | --- | --- | 50,500 | | |
| | --- | --- | 42,000 | 42,750 | 46,550 | --- | --- | 70,000 | --- | --- | --- | 43,500 | | |
| | --- | --- | 41,000 | 38,625 | --- | --- | --- | --- | --- | --- | --- | 39,875 | | |
| | --- | --- | 43,667 | 42,875 | 46,550 | --- | --- | 70,000 | --- | --- | --- | 46,560 | | |
| | 0 | 0 | 3,786 | 4,479 | 16,193 | --- | --- | --- | --- | --- | --- | 10,435 | | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | 34,736 | --- | --- | --- | --- | --- | --- | --- | --- | 34,736 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | 34,736 | --- | --- | --- | --- | --- | --- | --- | --- | 34,736 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| Polymer/ macromolecular chemistry | --- | --- | 37,025 | 40,000 | 57,500 | --- | --- | --- | --- | --- | --- | 47,225 | | |
| | --- | --- | 35,400 | 36,400 | 50,000 | 37,380 | --- | --- | 81,000 | --- | 39,000 | 38,425 | | |
| | --- | --- | 34,400 | 35,000 | 43,800 | --- | --- | --- | --- | --- | --- | 35,300 | | |
| | --- | --- | 35,608 | 37,364 | 50,520 | 37,380 | --- | --- | 81,000 | --- | 39,000 | 43,242 | | |
| | 0 | 0 | 1,325 | 4,824 | 8,806 | --- | --- | --- | --- | --- | --- | 12,398 | | |
| Other chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 54,000 | | |
| | --- | --- | 34,000 | 49,850 | 37,080 | 57,000 | --- | --- | --- | --- | 16,000 | 37,080 | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33,000 | | |
| | --- | --- | 34,000 | 49,850 | 37,080 | 57,000 | --- | --- | --- | --- | 16,000 | 39,683 | | |
| | 0 | 0 | 1,414 | 5,869 | --- | --- | --- | --- | --- | --- | --- | 13,996 | | |
| TOTAL | --- | --- | 38,150 | 44,250 | 50,000 | 49,500 | 62,000 | 73,000 | --- | --- | 39,000 | 45,700 | | |
| | --- | --- | 35,700 | 38,000 | 42,000 | 40,000 | 55,000 | 55,000 | 62,013 | 72,642 | 31,400 | 38,600 | | |
| | --- | --- | 33,150 | 35,000 | 39,200 | 35,690 | 29,928 | 33,750 | --- | --- | 27,000 | 35,000 | | |
| | --- | --- | 36,227 | 38,853 | 45,024 | 41,529 | 48,976 | 55,750 | 62,013 | 72,642 | 33,629 | 41,580 | | |
| | 0 | 0 | 5,331 | 6,586 | 9,273 | 9,342 | 16,863 | 21,658 | 26,852 | 14,162 | 13,428 | 11,706 | | |
| | | 28 | 46 | 27 | 9 | 3 | 8 | 2 | 2 | 7 | 132 | | | |

Table 2.4.2

SALARIES of Ph.D. CHEMISTS EMPLOYED FULL-TIME in PRIVATE INDUSTRY
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|-----|--------|--------|--------|--------|--------|---------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Mgt-R&D | --- | --- | 43,875 | 51,250 | 64,000 | 71,805 | 70,000 | 76,600 | 79,000 | 79,200 | 65,750 | 69,800 | - 75th %ile |
| | --- | --- | 38,700 | 45,600 | 53,000 | 58,000 | 60,000 | 61,200 | 66,000 | 64,000 | 63,500 | 58,000 | - 50th %ile |
| | --- | --- | 35,000 | 41,850 | 47,000 | 50,625 | 52,780 | 55,500 | 54,000 | 57,000 | 60,475 | 49,000 | - 25th %ile |
| | --- | --- | 39,713 | 46,828 | 54,872 | 61,746 | 60,911 | 65,164 | 66,704 | 68,945 | 66,033 | 59,580 | - Mean |
| | --- | --- | 4,760 | 8,933 | 11,234 | 14,899 | 11,787 | 15,249 | 16,388 | 16,862 | 15,915 | 14,983 | - Std Dev |
| | 0 | 0 | 8 | 58 | 115 | 116 | 65 | 69 | 49 | 31 | 12 | 523 | - Count |
| Basic Research | --- | --- | 38,300 | 44,050 | 48,500 | 62,000 | 63,500 | 69,475 | 70,000 | 79,250 | 44,350 | 51,000 | |
| | --- | --- | 36,400 | 40,000 | 42,900 | 55,000 | 55,000 | 55,900 | 55,600 | 60,000 | 36,550 | 42,000 | |
| | --- | --- | 34,000 | 36,390 | 40,000 | 48,000 | 48,000 | 48,750 | 47,914 | 49,825 | 35,700 | 37,000 | |
| | --- | --- | 36,433 | 40,707 | 43,986 | 54,444 | 56,656 | 58,117 | 58,020 | 62,811 | 42,688 | 45,662 | |
| | --- | --- | 4,145 | 6,022 | 7,986 | 9,625 | 10,556 | 14,308 | 13,611 | 13,635 | 13,921 | 11,934 | |
| | 0 | 0 | 79 | 98 | 61 | 31 | 33 | 30 | 13 | 13 | 8 | 363 | |
| Applied R&D | --- | --- | 38,900 | 44,000 | 49,625 | 53,525 | 58,000 | 60,000 | 66,105 | 60,000 | 55,500 | 50,400 | |
| | 20,500 | --- | 36,000 | 40,000 | 43,300 | 48,000 | 51,000 | 51,000 | 54,180 | 53,000 | 43,000 | 43,700 | |
| | --- | --- | 33,800 | 36,135 | 38,370 | 42,750 | 45,000 | 44,245 | 47,750 | 47,175 | 36,250 | 38,000 | |
| | 20,500 | --- | 36,707 | 40,598 | 44,100 | 48,841 | 51,855 | 52,471 | 57,157 | 53,278 | 46,912 | 45,268 | |
| | --- | --- | 4,502 | 5,843 | 7,419 | 9,424 | 9,622 | 10,753 | 12,929 | 13,071 | 13,329 | 10,208 | |
| | 1 | 0 | 123 | 190 | 170 | 118 | 85 | 73 | 34 | 28 | 17 | 839 | |
| Gen Mgt | --- | --- | --- | 49,000 | 70,000 | 67,000 | 72,500 | 83,250 | 69,000 | 98,300 | --- | 75,000 | |
| | --- | --- | 40,250 | 45,000 | 50,000 | 55,900 | 67,000 | 74,000 | 60,000 | 78,000 | 69,688 | 60,000 | |
| | --- | --- | 31,750 | 34,000 | 49,500 | 53,000 | 51,549 | 55,500 | 60,250 | --- | --- | 48,000 | |
| | --- | --- | 40,250 | 41,300 | 51,279 | 58,794 | 65,319 | 70,126 | 61,000 | 76,511 | 69,688 | 61,398 | |
| | --- | --- | 5,303 | 8,983 | 21,003 | 13,172 | 14,928 | 19,282 | 11,236 | 21,238 | 7,513 | 18,841 | |
| | 0 | 0 | 2 | 5 | 15 | 18 | 9 | 18 | 9 | 9 | 2 | 87 | |
| Marketing | --- | --- | 41,813 | --- | 49,170 | 60,075 | 66,500 | 61,755 | 82,000 | 79,409 | --- | 60,560 | |
| | --- | --- | 36,000 | 45,000 | 45,000 | 57,000 | 62,000 | 55,000 | 58,000 | 58,000 | 50,600 | 50,800 | |
| | --- | --- | 35,880 | --- | 41,000 | 49,413 | 49,250 | 40,000 | 50,800 | 49,500 | --- | 42,313 | |
| | --- | --- | 38,277 | 45,000 | 45,338 | 55,197 | 59,500 | 52,003 | 63,600 | 63,164 | 50,600 | 52,849 | |
| | --- | --- | 3,280 | 7,071 | 5,359 | 9,589 | 9,366 | 11,870 | 16,336 | 15,240 | --- | 11,929 | |
| | 0 | 0 | 5 | 2 | 9 | 12 | 8 | 8 | 3 | 5 | 1 | 53 | |
| Prod & QC | --- | --- | 39,500 | 44,200 | 50,000 | 53,250 | 62,500 | 55,800 | 82,000 | --- | 40,000 | 49,750 | |
| | --- | --- | 37,500 | 40,000 | 43,700 | 44,000 | 49,000 | 43,125 | 45,000 | 51,000 | 28,600 | 42,500 | |
| | --- | --- | 33,000 | 32,450 | 36,159 | 38,500 | 38,243 | 37,225 | 41,125 | --- | 27,000 | 36,475 | |
| | --- | --- | 36,500 | 39,100 | 43,150 | 45,595 | 50,165 | 46,369 | 58,250 | 51,000 | 30,514 | 43,910 | |
| | --- | --- | 3,536 | 7,204 | 10,263 | 12,322 | 18,263 | 10,223 | 23,973 | 5,657 | 9,479 | 13,512 | |
| | 0 | 0 | 5 | 8 | 19 | 13 | 9 | 8 | 5 | 2 | 7 | 76 | |
| Forensic | --- | --- | 35,750 | 43,761 | 45,000 | 47,000 | 53,000 | 57,500 | --- | --- | --- | 47,000 | |
| | --- | --- | 34,750 | 35,950 | 41,500 | 35,600 | 50,000 | 47,000 | 46,210 | --- | 40,000 | 41,000 | |
| | --- | --- | 32,205 | 33,862 | 33,800 | 29,002 | 36,850 | 44,000 | --- | --- | --- | 34,700 | |
| | --- | --- | 34,235 | 37,858 | 40,100 | 37,201 | 45,940 | 49,500 | 46,210 | --- | 40,000 | 41,500 | |
| | --- | --- | 1,965 | 5,602 | 6,102 | 9,105 | 9,136 | 7,550 | 5,360 | --- | --- | 7,955 | |
| | 0 | 0 | 4 | 4 | 4 | 3 | 5 | 4 | 2 | 0 | 1 | 27 | |
| Writing/ Editing | --- | --- | --- | --- | --- | --- | 53,000 | --- | --- | --- | --- | 49,400 | |
| | --- | --- | --- | 47,950 | --- | --- | 45,000 | 23,348 | --- | 45,000 | --- | 45,350 | |
| | --- | --- | --- | --- | --- | --- | 33,196 | --- | --- | --- | --- | 33,196 | |
| | --- | --- | --- | 47,950 | --- | --- | 43,732 | 23,348 | --- | 45,000 | --- | 42,397 | |
| | --- | --- | --- | 3,182 | --- | --- | 10,468 | --- | --- | --- | --- | 10,538 | |
| | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 8 | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58,500 | |
| | --- | --- | --- | 43,400 | 51,000 | 72,000 | 48,950 | --- | --- | 41,000 | --- | 47,450 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42,800 | |
| | --- | --- | --- | 43,400 | 51,000 | 72,000 | 48,950 | --- | --- | 41,000 | --- | 50,883 | |
| | --- | --- | --- | --- | --- | --- | 7,142 | --- | --- | --- | --- | 11,472 | |
| | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 6 | |
| Consulting | --- | --- | 40,000 | --- | --- | --- | --- | --- | --- | 80,000 | --- | 59,000 | |
| | --- | --- | 39,070 | 56,000 | --- | 51,000 | 50,000 | 35,262 | 36,000 | 75,000 | --- | 50,000 | |
| | --- | --- | 29,500 | --- | --- | --- | --- | --- | --- | 52,000 | --- | 35,535 | |
| | --- | --- | 34,857 | 56,000 | --- | 51,000 | 50,000 | 35,262 | 36,000 | 69,000 | --- | 48,161 | |
| | --- | --- | 5,253 | --- | --- | 15,556 | --- | 24,412 | --- | 14,933 | --- | 17,641 | |
| | 0 | 0 | 3 | 1 | 0 | 2 | 1 | 2 | 1 | 3 | 0 | 13 | |
| Other | --- | --- | --- | --- | 63,500 | 69,000 | 83,050 | --- | 81,435 | 57,000 | --- | 63,370 | |
| | --- | --- | 47,000 | 42,500 | 60,000 | 67,500 | 62,000 | 57,500 | 59,870 | 43,600 | 43,000 | 55,000 | |
| | --- | --- | --- | --- | 40,500 | 47,000 | 60,000 | --- | 50,500 | 30,525 | --- | 44,000 | |
| | --- | --- | 47,000 | 42,500 | 53,600 | 59,900 | 68,350 | 57,500 | 63,935 | 42,317 | 43,000 | 54,213 | |
| | --- | --- | --- | 3,536 | 12,502 | 12,002 | 12,770 | 6,364 | 16,689 | 16,084 | --- | 14,849 | |
| | 0 | 0 | 1 | 2 | 5 | 5 | 3 | 2 | 4 | 6 | 1 | 29 | |
| No Response | --- | --- | --- | --- | 49,913 | --- | --- | 100,000 | --- | --- | --- | 51,863 | |
| | --- | --- | --- | 39,240 | 40,000 | 44,750 | 47,200 | 59,900 | --- | 75,000 | 46,500 | 46,750 | |
| | --- | --- | --- | --- | 35,000 | --- | --- | 47,000 | --- | --- | --- | 40,000 | |
| | --- | --- | --- | 39,240 | 41,608 | 44,750 | 47,200 | 68,967 | --- | 75,000 | 46,500 | 49,577 | |
| | --- | --- | --- | 3,903 | 7,817 | 6,718 | --- | 27,639 | --- | --- | --- | 16,979 | |
| | 0 | 0 | 0 | 2 | 6 | 2 | 1 | 3 | 0 | 1 | 1 | 16 | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | 20,500 | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 2.4.2.1

SALARIES of Ph.D. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY -MEN Only
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Mgt-R&D | --- | --- | 44,000 | 51,500 | 63,125 | 72,250 | 70,000 | 77,000 | 78,750 | 75,375 | 66,000 | 69,700 | - 75th %ile |
| | --- | --- | 39,000 | 45,600 | 52,990 | 60,000 | 60,750 | 60,000 | 65,800 | 63,750 | 64,000 | 58,000 | - 50th %ile |
| | --- | --- | 38,000 | 41,700 | 47,000 | 50,750 | 52,890 | 55,000 | 54,000 | 53,625 | 61,000 | 49,000 | - 25th %ile |
| | --- | --- | 40,529 | 46,995 | 54,671 | 62,115 | 61,301 | 65,005 | 66,406 | 67,489 | 66,673 | 59,624 | - Mean |
| | --- | --- | 4,496 | 9,073 | 11,073 | 14,680 | 11,924 | 15,714 | 16,427 | 16,340 | 16,529 | 14,892 | - Std Dev |
| | 0 | 0 | 7 | 53 | 108 | 109 | 62 | 63 | 48 | 28 | 11 | 489 | - Count |
| Basic Research | --- | --- | 38,300 | 44,150 | 48,500 | 61,000 | 63,500 | 69,475 | 70,625 | 79,290 | 44,350 | 51,000 | |
| | --- | --- | 36,500 | 40,000 | 42,900 | 55,000 | 54,000 | 55,900 | 58,289 | 60,000 | 36,550 | 42,630 | |
| | --- | --- | 34,000 | 36,650 | 39,250 | 48,000 | 48,000 | 48,750 | 49,767 | 49,825 | 35,700 | 37,000 | |
| | --- | --- | 36,255 | 41,097 | 43,882 | 54,280 | 56,509 | 58,117 | 61,193 | 62,811 | 42,688 | 46,089 | |
| | --- | --- | 3,734 | 5,468 | 7,980 | 9,121 | 10,902 | 14,308 | 13,399 | 13,635 | 13,921 | 12,106 | |
| | 0 | 0 | 67 | 80 | 53 | 27 | 29 | 30 | 10 | 10 | 8 | 314 | |
| Applied R&D | --- | --- | 38,709 | 44,000 | 50,000 | 53,550 | 57,700 | 60,000 | 64,250 | 58,920 | 58,000 | 51,000 | |
| | 20,500 | --- | 36,000 | 40,200 | 43,800 | 48,000 | 50,800 | 50,000 | 54,180 | 53,000 | 50,000 | 44,000 | |
| | --- | --- | 33,750 | 36,250 | 38,400 | 43,000 | 45,000 | 44,490 | 48,000 | 44,610 | 38,250 | 38,125 | |
| | 20,500 | --- | 36,681 | 40,849 | 44,341 | 49,152 | 51,739 | 52,409 | 57,197 | 51,674 | 49,238 | 45,523 | |
| | --- | --- | 4,411 | 5,964 | 7,583 | 9,552 | 9,680 | 10,105 | 12,891 | 11,817 | 13,944 | 10,158 | |
| | 1 | 0 | 106 | 167 | 151 | 105 | 81 | 67 | 32 | 25 | 13 | 748 | |
| Gen Mgt | --- | --- | --- | 49,500 | 70,000 | 69,000 | 72,500 | 80,500 | 75,000 | 92,075 | --- | 75,000 | |
| | --- | --- | 40,250 | 38,500 | 50,000 | 57,900 | 67,000 | 72,000 | 60,000 | 76,500 | 69,688 | 60,000 | |
| | --- | --- | --- | 31,625 | 34,000 | 50,000 | 53,000 | 51,097 | 56,000 | 54,875 | --- | 48,375 | |
| | --- | --- | 40,250 | 39,875 | 51,279 | 60,331 | 65,319 | 68,898 | 61,571 | 73,575 | 69,688 | 61,158 | |
| | --- | --- | 5,303 | 9,699 | 21,003 | 13,035 | 14,928 | 19,136 | 12,700 | 20,660 | 7,513 | 18,625 | |
| | 0 | 0 | 2 | 4 | 15 | 16 | 9 | 17 | 7 | 8 | 2 | 80 | |
| Marketing | --- | --- | 41,813 | --- | 50,085 | 60,075 | 66,500 | 62,515 | 82,000 | 80,000 | --- | 60,790 | |
| | --- | --- | 36,000 | 45,000 | 44,500 | 57,000 | 62,000 | 55,000 | 58,000 | 78,818 | 50,600 | 51,350 | |
| | --- | --- | 35,880 | --- | 40,500 | 49,413 | 49,250 | 40,000 | 50,800 | 58,000 | --- | 42,156 | |
| | --- | --- | 38,277 | 45,000 | 45,255 | 55,197 | 59,500 | 53,003 | 63,600 | 72,273 | 50,600 | 53,292 | |
| | --- | --- | 3,280 | 7,071 | 5,723 | 9,589 | 9,366 | 11,174 | 16,336 | 12,375 | --- | 12,163 | |
| | 0 | 0 | 5 | 2 | 8 | 12 | 8 | 6 | 3 | 3 | 1 | 48 | |
| Prod & QC | --- | --- | 39,500 | 44,600 | 53,000 | 55,875 | 66,250 | 55,800 | 82,000 | --- | 43,750 | 50,000 | |
| | --- | --- | 37,500 | 40,000 | 43,500 | 44,000 | 45,500 | 43,125 | 45,000 | 51,000 | 35,000 | 43,000 | |
| | --- | --- | 33,000 | 39,800 | 34,750 | 39,620 | 37,864 | 37,225 | 41,125 | --- | 28,950 | 37,500 | |
| | --- | --- | 36,500 | 40,829 | 43,125 | 46,261 | 50,186 | 46,369 | 58,250 | 51,000 | 35,900 | 45,115 | |
| | --- | --- | 3,536 | 5,715 | 10,954 | 12,623 | 19,524 | 10,223 | 23,973 | 5,657 | 7,910 | 13,363 | |
| | 0 | 0 | 5 | 7 | 16 | 12 | 8 | 8 | 5 | 2 | 4 | 67 | |
| Forensic | --- | --- | 36,000 | 45,948 | 45,000 | 47,000 | 54,500 | 57,500 | --- | --- | --- | 45,948 | |
| | --- | --- | 35,000 | 37,200 | 41,500 | 35,600 | 45,500 | 47,000 | 42,420 | --- | 40,000 | 41,000 | |
| | --- | --- | 34,500 | 34,700 | 33,800 | 29,002 | 34,775 | 44,000 | --- | --- | --- | 35,000 | |
| | --- | --- | 35,167 | 39,283 | 40,100 | 37,201 | 44,925 | 49,500 | 42,420 | --- | 40,000 | 41,542 | |
| | --- | --- | 764 | 5,906 | 6,102 | 9,105 | 10,219 | 7,550 | --- | --- | --- | 7,796 | |
| | 0 | 0 | 3 | 3 | 4 | 3 | 4 | 4 | 1 | 0 | 1 | 23 | |
| Writing/ Editing | --- | --- | --- | --- | --- | --- | 55,000 | --- | --- | --- | --- | 51,400 | |
| | --- | --- | --- | 50,200 | --- | --- | 47,000 | 23,348 | --- | 45,000 | --- | 46,000 | |
| | --- | --- | --- | --- | --- | --- | 43,000 | --- | --- | --- | --- | 38,087 | |
| | --- | --- | --- | 50,200 | --- | --- | 48,333 | 23,348 | --- | 45,000 | --- | 43,925 | |
| | --- | --- | --- | --- | --- | --- | 6,110 | --- | --- | --- | --- | 10,926 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 6 | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 58,500 | |
| | --- | --- | --- | 43,400 | 51,000 | 72,000 | 48,950 | --- | --- | 41,000 | --- | 47,450 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42,800 | |
| | --- | --- | --- | 43,400 | 51,000 | 72,000 | 48,950 | --- | --- | 41,000 | --- | 50,883 | |
| | --- | --- | --- | --- | --- | --- | 7,142 | --- | --- | --- | --- | 11,472 | |
| | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 6 | |
| Consulting | --- | --- | 40,000 | --- | --- | --- | --- | --- | --- | --- | --- | 55,131 | |
| | --- | --- | 35,070 | 56,000 | --- | 51,000 | 50,000 | 35,262 | 36,000 | 63,500 | --- | 45,000 | |
| | --- | --- | 29,500 | --- | --- | --- | --- | --- | --- | --- | --- | 35,303 | |
| | --- | --- | 34,857 | 56,000 | --- | 51,000 | 50,000 | 35,262 | 36,000 | 63,500 | --- | 45,508 | |
| | --- | --- | 5,253 | --- | --- | 15,556 | --- | 24,412 | --- | 16,263 | --- | 15,481 | |
| | 0 | 0 | 3 | 1 | 0 | 2 | 1 | 2 | 1 | 2 | 0 | 12 | |
| Other | --- | --- | --- | --- | 63,500 | 69,000 | 83,050 | --- | 81,435 | 57,000 | --- | 64,055 | |
| | --- | --- | 47,000 | 45,000 | 60,000 | 67,500 | 62,000 | 57,500 | 59,870 | 43,600 | 43,000 | 55,500 | |
| | --- | --- | --- | --- | 40,500 | 47,000 | 60,000 | --- | 50,500 | 30,525 | --- | 44,250 | |
| | --- | --- | 47,000 | 45,000 | 53,600 | 59,900 | 68,350 | 57,500 | 63,935 | 42,317 | 43,000 | 54,721 | |
| | --- | --- | --- | --- | 12,502 | 12,002 | 12,770 | 6,364 | 16,689 | 16,084 | --- | 14,863 | |
| | 0 | 0 | 1 | 1 | 5 | 5 | 3 | 2 | 4 | 6 | 1 | 28 | |
| No Response | --- | --- | --- | --- | 49,913 | --- | --- | --- | --- | --- | --- | 54,463 | |
| | --- | --- | --- | 42,000 | 40,000 | 44,750 | 47,200 | 79,950 | --- | 75,000 | 46,500 | 46,850 | |
| | --- | --- | --- | --- | 35,000 | --- | --- | --- | --- | --- | --- | 40,000 | |
| | --- | --- | --- | 42,000 | 41,608 | 44,750 | 47,200 | 79,950 | --- | 75,000 | 46,500 | 50,696 | |
| | --- | --- | --- | --- | 7,817 | 6,718 | --- | 28,355 | --- | --- | --- | 17,821 | |
| | 0 | 0 | 0 | 1 | 6 | 2 | 1 | 2 | 0 | 1 | 1 | 14 | |
| TOTAL | --- | --- | 38,760 | 45,450 | 52,980 | 62,000 | 64,000 | 67,000 | 72,500 | 74,000 | 64,025 | 58,300 | |
| | 20,500 | --- | 36,400 | 41,472 | 46,500 | 52,550 | 55,000 | 56,000 | 60,000 | 58,000 | 48,250 | 48,000 | |
| | --- | --- | 34,000 | 37,000 | 40,000 | 46,000 | 46,620 | 48,218 | 50,000 | 50,000 | 36,950 | 40,000 | |
| | 20,500 | --- | 36,746 | 42,025 | 47,618 | 55,287 | 56,021 | 58,303 | 61,955 | 60,448 | 51,859 | 50,390 | |
| | --- | --- | 4,227 | 6,868 | 10,869 | 13,493 | 12,157 | 15,569 | 15,643 | 17,146 | 16,926 | 14,247 | |
| | 1 | 0 | 199 | 321 | 367 | 294 | 211 | 202 | 111 | 87 | 42 | 1,835 | |

Table 2.4.2.2

SALARIES of Ph.D. CHEMISTS EMPLOYED FULL-TIME IN PRIVATE INDUSTRY - WOMEN Only
 by WORK FUNCTION and YEARS SINCE BS
 1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|-----------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | | |
| Mgt-R&D | --- | --- | --- | 51,000 | 70,250 | 57,000 | --- | --- | --- | --- | --- | --- | 62,628 | - 75th %-ile |
| | --- | --- | 34,000 | 46,800 | 58,150 | 56,000 | 55,000 | 66,500 | 81,000 | 62,628 | 59,000 | --- | 55,000 | - 50th %-ile |
| | --- | --- | --- | 38,250 | 42,825 | 29,000 | --- | --- | --- | --- | --- | --- | 44,000 | - 25th %-ile |
| | --- | --- | 34,000 | 45,060 | 57,075 | 47,333 | 55,000 | 66,500 | 81,000 | 62,628 | 59,000 | --- | 53,696 | - Mean |
| | --- | --- | --- | 7,913 | 14,265 | 15,885 | --- | 10,607 | --- | --- | --- | --- | 14,121 | - Std Dev |
| | 0 | 0 | 1 | 5 | 4 | 3 | 1 | 2 | 1 | 1 | 1 | --- | 19 | - Count |
| Basic Research | --- | --- | 38,200 | 42,400 | 45,000 | --- | --- | --- | --- | --- | --- | --- | 42,000 | |
| | --- | --- | 36,000 | 38,000 | 41,600 | --- | --- | --- | --- | --- | --- | --- | 38,000 | |
| | --- | --- | 33,600 | 35,000 | 41,000 | --- | --- | --- | --- | --- | --- | --- | 35,000 | |
| | --- | --- | 36,827 | 38,030 | 43,057 | --- | --- | --- | --- | --- | --- | --- | 38,657 | |
| | --- | --- | 5,994 | 7,147 | 7,793 | --- | --- | --- | --- | --- | --- | --- | 7,112 | |
| | 0 | 0 | 11 | 17 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 35 | |
| Applied R&D | --- | --- | 38,900 | 40,625 | 48,750 | 40,750 | --- | 65,250 | --- | --- | 39,000 | --- | 42,250 | |
| | --- | --- | 36,000 | 37,450 | 40,000 | 38,690 | 62,000 | 42,000 | 43,025 | 82,656 | 36,000 | --- | 37,825 | |
| | --- | --- | 33,000 | 35,000 | 37,240 | 35,845 | --- | 32,250 | --- | --- | 31,400 | --- | 35,075 | |
| | --- | --- | 36,255 | 38,092 | 42,598 | 38,627 | 62,000 | 46,500 | 43,025 | 82,656 | 35,467 | --- | 40,243 | |
| | --- | --- | 5,184 | 4,736 | 6,271 | 2,895 | --- | 17,935 | --- | --- | 3,828 | --- | 9,215 | |
| | 0 | 0 | 15 | 18 | 13 | 6 | 1 | 4 | 1 | 1 | 3 | --- | 62 | |
| Gen Mgt | --- | --- | --- | 47,000 | --- | --- | --- | 91,000 | --- | --- | --- | --- | 69,000 | |
| | --- | --- | --- | 47,000 | --- | --- | --- | 91,000 | --- | --- | --- | --- | 69,000 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | --- | 31,113 | |
| | | | | | | | | | | | | | 2 | |
| Marketing | --- | --- | --- | --- | 46,000 | --- | --- | 36,000 | --- | --- | --- | --- | 41,000 | |
| | --- | --- | --- | --- | 46,000 | --- | --- | 36,000 | --- | --- | --- | --- | 41,000 | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | --- | 7,071 | |
| | | | | | | | | | | | | | 2 | |
| Prod & QC | --- | --- | --- | 27,000 | 43,080 | --- | --- | --- | --- | --- | 27,000 | --- | 39,619 | |
| | --- | --- | --- | 27,000 | 43,080 | --- | --- | --- | --- | --- | 27,000 | --- | 27,000 | |
| | --- | --- | --- | 27,000 | 43,080 | --- | --- | --- | --- | --- | 16,000 | --- | 24,250 | |
| | --- | --- | --- | 27,000 | 43,080 | --- | --- | --- | --- | --- | 23,333 | --- | 30,527 | |
| | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | --- | 11,483 | |
| | | | | | | | | | | | | | 6 | |
| Forensic | --- | --- | 31,440 | 33,582 | --- | --- | --- | --- | --- | --- | --- | --- | 32,511 | |
| | --- | --- | 31,440 | 33,582 | --- | --- | --- | --- | --- | --- | --- | --- | 32,511 | |
| | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 1,515 | |
| | | | | | | | | | | | | | 2 | |
| Writing/Editing | --- | --- | --- | 45,700 | --- | --- | 29,928 | --- | --- | --- | --- | --- | 37,814 | |
| | --- | --- | --- | 45,700 | --- | --- | 29,928 | --- | --- | --- | --- | --- | 37,814 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | --- | 11,152 | |
| | | | | | | | | | | | | | 2 | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | |
| Consulting | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 0 | |
| Other | --- | --- | --- | 40,000 | --- | --- | --- | --- | --- | --- | --- | --- | 40,000 | |
| | --- | --- | --- | 40,000 | --- | --- | --- | --- | --- | --- | --- | --- | 40,000 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 1 | |
| No Response | --- | --- | --- | 36,480 | --- | --- | --- | --- | --- | --- | --- | --- | 36,480 | |
| | --- | --- | --- | 36,480 | --- | --- | --- | --- | --- | --- | --- | --- | 36,480 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | 1 | |
| TOTAL | --- | --- | 38,150 | 44,250 | 50,000 | 49,500 | 62,000 | 73,000 | --- | --- | 39,000 | --- | 45,700 | |
| | --- | --- | 35,700 | 38,000 | 42,000 | 40,000 | 55,000 | 55,000 | 62,013 | 72,642 | 31,400 | --- | 38,000 | |
| | --- | --- | 33,150 | 35,000 | 39,200 | 35,690 | 29,928 | 33,750 | --- | --- | 27,000 | --- | 35,000 | |
| | --- | --- | 36,227 | 38,853 | 45,024 | 41,529 | 48,976 | 55,750 | 62,013 | 72,642 | 33,629 | --- | 41,580 | |
| | 0 | 0 | 5,331 | 6,586 | 9,273 | 9,342 | 16,863 | 21,658 | 26,852 | 14,162 | 13,428 | --- | 11,706 | |
| | | | 28 | 46 | 27 | 9 | 3 | 8 | 2 | 2 | 7 | --- | 132 | |

Table 2.4.3

SALARIES of FULL-TIME EMPLOYED Ph.D.CHEMISTS IN PRIVATE INDUSTRY
by SUBORDINATES (PROFESSIONALS + TECHNICIANS) and YEARS SINCE BS
1984 Survey of ACS Members

| SUBORDINATES (Profs + Techs) | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|---------------------------------|----------------|-----|--------|--------|--------|--------|--------|---------|--------|---------|---------|---------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| 0 | --- | --- | 37,064 | 41,982 | 49,500 | 57,840 | 57,750 | 60,255 | 60,345 | 67,700 | 43,550 | 50,000 | - 75th %-ile |
| | 20,500 | --- | 35,100 | 38,750 | 41,000 | 50,250 | 48,000 | 50,097 | 50,000 | 50,000 | 35,600 | 41,000 | - 50th %-ile |
| | --- | --- | 33,000 | 34,525 | 37,080 | 44,000 | 43,499 | 40,654 | 42,210 | 43,600 | 28,050 | 36,000 | - 25th %-ile |
| | 20,500 | --- | 35,204 | 38,123 | 42,872 | 51,295 | 50,771 | 52,353 | 54,255 | 56,308 | 37,256 | 44,528 | - Mean |
| | --- | --- | 4,114 | 5,923 | 8,369 | 10,258 | 11,960 | 15,298 | 17,516 | 16,490 | 15,205 | 12,687 | - Std Dev |
| --- | 0 | 85 | 86 | 79 | 56 | 46 | 46 | 25 | 25 | 9 | 458 | - Count | |
| 1-2 | --- | --- | 40,000 | 44,850 | 48,000 | 56,000 | 60,500 | 60,000 | 68,750 | 78,625 | 54,250 | 52,000 | |
| | --- | --- | 37,000 | 40,000 | 42,211 | 49,500 | 54,510 | 52,000 | 56,000 | 53,740 | 41,500 | 43,700 | |
| | --- | --- | 34,263 | 37,000 | 38,232 | 43,950 | 46,080 | 44,000 | 49,000 | 50,000 | 36,275 | 38,000 | |
| | --- | --- | 37,126 | 41,179 | 43,357 | 50,302 | 54,306 | 52,586 | 58,131 | 58,507 | 46,250 | 45,949 | |
| | --- | --- | 4,103 | 5,508 | 7,007 | 9,766 | 10,357 | 12,094 | 12,964 | 16,114 | 13,055 | 10,830 | |
| --- | 0 | 114 | 169 | 134 | 98 | 82 | 62 | 29 | 22 | 20 | 730 | | |
| 3-7 | --- | --- | 41,750 | 47,000 | 52,000 | 58,000 | 60,000 | 65,500 | 70,000 | 63,500 | 59,650 | 55,000 | |
| | --- | --- | 37,650 | 43,000 | 48,000 | 49,350 | 54,000 | 52,500 | 56,000 | 58,000 | 42,000 | 48,000 | |
| | --- | --- | 36,000 | 39,300 | 42,000 | 43,000 | 46,000 | 45,000 | 48,000 | 51,000 | 30,700 | 41,118 | |
| | --- | --- | 38,484 | 43,011 | 47,601 | 50,301 | 53,977 | 55,836 | 59,981 | 57,558 | 44,967 | 49,206 | |
| | --- | --- | 3,298 | 6,524 | 8,290 | 11,872 | 11,103 | 13,140 | 14,132 | 8,516 | 14,244 | 11,473 | |
| --- | 0 | 24 | 82 | 87 | 62 | 35 | 39 | 27 | 19 | 9 | 384 | | |
| 8-12 | --- | --- | 49,500 | 49,425 | 55,000 | 62,750 | 61,500 | 71,700 | 66,000 | 75,500 | 75,000 | 62,000 | |
| | --- | --- | 47,000 | 46,700 | 49,500 | 55,500 | 55,125 | 59,000 | 62,200 | 50,000 | 64,100 | 54,500 | |
| | --- | --- | 43,750 | 43,400 | 43,775 | 50,375 | 50,000 | 54,500 | 54,500 | 42,000 | 63,000 | 47,000 | |
| | --- | --- | 46,700 | 45,669 | 49,927 | 57,665 | 56,208 | 60,739 | 60,815 | 53,451 | 67,367 | 54,902 | |
| | --- | --- | 3,384 | 5,607 | 12,139 | 10,709 | 9,177 | 10,834 | 8,014 | 22,640 | 6,634 | 11,848 | |
| --- | 0 | 5 | 18 | 32 | 30 | 21 | 23 | 16 | 7 | 3 | 155 | | |
| 13-17 | --- | --- | --- | 47,700 | 60,395 | 60,000 | 64,050 | 65,000 | 78,750 | 85,000 | --- | 62,000 | |
| | --- | --- | 38,000 | 45,600 | 49,000 | 54,000 | 60,000 | 60,000 | 71,000 | 75,000 | 54,688 | 53,640 | |
| | --- | --- | --- | 42,000 | 43,650 | 47,000 | 51,530 | 52,000 | 62,500 | 60,000 | --- | 46,400 | |
| | --- | --- | 38,000 | 46,043 | 51,591 | 54,918 | 60,162 | 61,000 | 70,750 | 73,333 | 54,688 | 55,876 | |
| | --- | --- | --- | 4,083 | 10,876 | 10,379 | 11,053 | 9,416 | 8,995 | 12,583 | 13,700 | 11,879 | |
| --- | 0 | 0 | 1 | 7 | 18 | 21 | 9 | 7 | 4 | 3 | 72 | | |
| 18-22 | --- | --- | --- | 66,000 | 61,750 | 70,000 | 63,000 | 73,500 | 83,500 | 89,000 | --- | 66,000 | |
| | --- | --- | 34,000 | 52,500 | 55,550 | 55,000 | 57,000 | 65,000 | 60,000 | 66,000 | 63,500 | 59,000 | |
| | --- | --- | --- | 50,250 | 51,750 | 45,700 | 45,215 | 58,500 | 53,000 | 52,950 | --- | 52,000 | |
| | --- | --- | 34,000 | 56,250 | 56,813 | 56,682 | 55,603 | 67,500 | 66,600 | 69,980 | 63,500 | 59,937 | |
| | --- | --- | --- | 9,323 | 6,488 | 11,803 | 10,900 | 13,285 | 15,947 | 20,215 | 3,536 | 12,542 | |
| --- | 0 | 0 | 1 | 4 | 18 | 11 | 6 | 9 | 5 | 2 | 61 | | |
| 23-32 | --- | --- | --- | 76,700 | 67,625 | 75,000 | 71,750 | 88,000 | 74,000 | 85,000 | --- | 75,000 | |
| | --- | --- | --- | 57,600 | 64,500 | 70,000 | 70,000 | 70,000 | 65,600 | 78,818 | --- | 65,000 | |
| | --- | --- | --- | 48,850 | 55,250 | 56,800 | 62,750 | 57,750 | 60,000 | 50,000 | --- | 57,000 | |
| | --- | --- | --- | 61,050 | 61,500 | 66,586 | 67,625 | 71,250 | 66,533 | 71,273 | --- | 66,013 | |
| | --- | --- | --- | 15,006 | 11,754 | 11,496 | 6,209 | 17,855 | 7,047 | 18,680 | --- | 12,362 | |
| --- | 0 | 0 | 0 | 4 | 14 | 19 | 8 | 8 | 3 | 3 | 59 | | |
| 33-47 | --- | --- | --- | --- | 65,000 | 81,000 | 75,750 | 80,000 | --- | 75,000 | --- | 75,000 | |
| | --- | --- | --- | 57,500 | 63,750 | 80,000 | 70,000 | 71,500 | 69,000 | 71,000 | 78,500 | 67,500 | |
| | --- | --- | --- | --- | 53,975 | 59,000 | 57,500 | 62,500 | --- | 69,000 | --- | 60,875 | |
| | --- | --- | --- | 57,500 | 58,942 | 72,000 | 67,250 | 70,500 | 69,000 | 71,667 | 78,500 | 66,598 | |
| | --- | --- | --- | 4,243 | 15,788 | 12,083 | 11,139 | 11,096 | --- | 3,055 | 20,506 | 13,125 | |
| --- | 0 | 0 | 0 | 2 | 12 | 5 | 10 | 9 | 1 | 3 | 44 | | |
| 48-67 | --- | --- | --- | --- | 79,250 | 91,000 | 83,000 | 87,500 | --- | 100,000 | --- | 83,500 | |
| | --- | --- | --- | 45,000 | 61,000 | 71,220 | 65,000 | 82,000 | --- | 79,200 | 53,000 | 70,000 | |
| | --- | --- | --- | --- | 57,000 | 68,800 | 65,000 | 80,000 | --- | 70,000 | --- | 64,000 | |
| | --- | --- | --- | 45,000 | 65,750 | 78,164 | 71,000 | 83,167 | --- | 83,067 | 53,000 | 72,215 | |
| | --- | --- | --- | --- | 12,738 | 12,308 | 10,392 | 3,884 | --- | 15,369 | 14,142 | 15,087 | |
| --- | 0 | 0 | 0 | 1 | 4 | 5 | 3 | 3 | 0 | 3 | 21 | | |
| 68-99 | --- | --- | --- | --- | 81,250 | 95,000 | --- | 95,500 | 81,000 | 100,000 | --- | 91,000 | |
| | --- | --- | --- | --- | 66,000 | 80,000 | 70,000 | 78,000 | 80,500 | 100,000 | --- | 80,000 | |
| | --- | --- | --- | --- | 60,500 | 66,600 | --- | 67,143 | 79,250 | 81,250 | --- | 70,000 | |
| | --- | --- | --- | --- | 69,250 | 80,640 | 70,000 | 80,657 | 80,250 | 93,750 | --- | 80,412 | |
| | --- | --- | --- | --- | 11,354 | 14,834 | --- | 16,185 | 957 | 12,500 | --- | 13,660 | |
| --- | 0 | 0 | 0 | 0 | 4 | 5 | 1 | 5 | 4 | 4 | 23 | | |
| >=100 | --- | --- | --- | --- | 90,000 | 97,000 | 93,750 | 100,000 | 97,000 | 100,000 | --- | 95,500 | |
| | --- | --- | --- | --- | 80,000 | 80,000 | 82,500 | 88,000 | 92,500 | 50,000 | 98,000 | 88,000 | |
| | --- | --- | --- | --- | 51,340 | 74,500 | 69,000 | 76,200 | 83,000 | 50,000 | --- | 74,500 | |
| | --- | --- | --- | --- | 73,780 | 83,889 | 81,750 | 85,457 | 90,167 | 66,667 | 98,000 | 83,047 | |
| | --- | --- | --- | --- | 20,067 | 12,771 | 12,997 | 14,248 | 9,304 | 28,868 | --- | 15,389 | |
| --- | 0 | 0 | 0 | 0 | 3 | 9 | 4 | 7 | 6 | 3 | 33 | | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | 20,500 | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| --- | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 2.4.4

SALARIES of FULL-TIME EMPLOYED Ph.D. CHEMISTS IN PRIVATE INDUSTRY
by TOTAL NUMBER OF SUBORDINATES and YEARS SINCE BS
1984 Survey of ACS Members

| TOTAL SUBORDINATES | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|--------------------|----------------|-----|--------|--------|--------|---------|--------|---------|--------|---------|--------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | No Resp |
| 0 | --- | --- | 37,064 | 41,982 | 46,375 | 57,680 | 55,500 | 60,000 | 56,892 | 65,000 | 47,075 | 50,000 | - 75th %ile |
| | 20,500 | --- | 35,100 | 38,800 | 40,400 | 48,000 | 48,000 | 50,000 | 49,664 | 50,000 | 35,800 | 41,000 | - 50th %ile |
| | --- | --- | 33,000 | 34,850 | 37,085 | 42,600 | 43,343 | 41,250 | 42,105 | 43,200 | 30,200 | 36,000 | - 25th %ile |
| | 20,500 | --- | 35,204 | 38,239 | 42,234 | 50,037 | 50,232 | 53,155 | 52,474 | 54,852 | 39,913 | 43,960 | - Mean |
| | --- | --- | 4,114 | 5,904 | 7,574 | 8,950 | 11,518 | 15,016 | 15,408 | 14,783 | 13,843 | 11,816 | - Std Dev |
| | 1 | 0 | 85 | 82 | 72 | 49 | 45 | 39 | 24 | 23 | 8 | 428 | - Count |
| 1-2 | --- | --- | 39,750 | 45,000 | 48,200 | 55,400 | 60,500 | 60,000 | 69,625 | 78,500 | 55,000 | 52,000 | |
| | --- | --- | 37,000 | 40,000 | 42,500 | 50,000 | 54,510 | 52,000 | 56,289 | 53,000 | 40,000 | 44,000 | |
| | --- | --- | 34,375 | 37,000 | 38,280 | 44,300 | 46,080 | 44,000 | 49,000 | 50,000 | 30,000 | 38,000 | |
| | --- | --- | 37,137 | 41,283 | 43,768 | 50,738 | 54,184 | 51,949 | 59,426 | 58,837 | 46,237 | 46,216 | |
| | --- | --- | 3,979 | 5,464 | 7,455 | 10,396 | 10,045 | 12,605 | 14,582 | 17,216 | 13,412 | 11,170 | |
| | 0 | 0 | 112 | 168 | 139 | 102 | 82 | 67 | 30 | 23 | 19 | 742 | |
| 3-7 | --- | --- | 42,000 | 45,983 | 51,100 | 58,500 | 60,500 | 66,625 | 70,000 | 64,000 | 59,000 | 55,000 | |
| | --- | --- | 38,300 | 42,830 | 47,000 | 50,000 | 54,000 | 53,750 | 56,000 | 59,000 | 42,000 | 47,450 | |
| | --- | --- | 36,000 | 37,700 | 42,000 | 43,150 | 46,300 | 45,000 | 47,750 | 51,000 | 30,000 | 41,000 | |
| | --- | --- | 38,473 | 42,369 | 47,350 | 50,792 | 54,809 | 56,065 | 59,380 | 58,769 | 42,473 | 49,013 | |
| | --- | --- | 4,026 | 6,866 | 7,865 | 11,943 | 11,853 | 13,246 | 14,080 | 9,947 | 15,479 | 11,847 | |
| | 0 | 0 | 25 | 84 | 81 | 62 | 33 | 40 | 25 | 19 | 11 | 380 | |
| 8-12 | --- | --- | 48,500 | 47,000 | 57,600 | 60,000 | 63,500 | 62,000 | 69,800 | 75,500 | 75,000 | 60,700 | |
| | --- | --- | 45,500 | 46,300 | 52,000 | 55,000 | 56,400 | 58,000 | 62,400 | 50,000 | 64,100 | 53,500 | |
| | --- | --- | 41,325 | 43,400 | 43,600 | 49,600 | 49,500 | 52,500 | 54,000 | 42,000 | 63,000 | 46,700 | |
| | --- | --- | 44,717 | 45,288 | 49,757 | 54,627 | 56,827 | 58,611 | 62,069 | 53,451 | 67,367 | 53,626 | |
| | --- | --- | 5,724 | 5,223 | 12,589 | 8,401 | 10,535 | 10,887 | 9,553 | 22,640 | 6,634 | 11,877 | |
| | 0 | 0 | 6 | 20 | 35 | 27 | 21 | 19 | 15 | 7 | 3 | 153 | |
| 13-17 | --- | --- | --- | 47,700 | 59,145 | 60,000 | 64,050 | 76,500 | 78,500 | 85,000 | --- | 64,094 | |
| | --- | --- | 38,000 | 45,600 | 51,275 | 55,000 | 60,000 | 62,500 | 65,000 | 75,000 | 54,688 | 55,000 | |
| | --- | --- | --- | 42,000 | 45,575 | 48,000 | 51,280 | 53,500 | 60,000 | 60,000 | --- | 47,000 | |
| | --- | --- | 38,000 | 46,043 | 51,816 | 56,871 | 60,107 | 64,375 | 68,400 | 73,333 | 54,688 | 56,950 | |
| | --- | --- | --- | 4,083 | 8,266 | 11,373 | 11,109 | 11,019 | 9,864 | 12,583 | 13,700 | 11,824 | |
| | 0 | 0 | 1 | 7 | 18 | 25 | 9 | 8 | 5 | 3 | 2 | 78 | |
| 18-22 | --- | --- | --- | 66,000 | 62,500 | 70,625 | 56,000 | 71,750 | 80,000 | 89,000 | --- | 65,250 | |
| | --- | --- | 34,000 | 52,500 | 55,000 | 53,500 | 51,500 | 63,500 | 60,000 | 66,000 | 63,500 | 57,650 | |
| | --- | --- | --- | 50,250 | 49,000 | 45,025 | 45,215 | 59,750 | 51,000 | 52,950 | --- | 50,875 | |
| | --- | --- | 34,000 | 56,250 | 55,659 | 56,350 | 50,770 | 67,250 | 63,667 | 69,980 | 63,500 | 58,651 | |
| | --- | --- | --- | 9,323 | 9,621 | 12,387 | 6,346 | 12,479 | 14,844 | 20,215 | 3,536 | 12,760 | |
| | 0 | 0 | 1 | 4 | 21 | 10 | 6 | 10 | 3 | 5 | 2 | 62 | |
| 23-32 | --- | --- | --- | 72,800 | 65,250 | 74,500 | 72,000 | 78,500 | 81,650 | --- | --- | 72,250 | |
| | --- | --- | --- | 51,000 | 57,750 | 70,000 | 70,000 | 65,000 | 60,800 | 71,000 | --- | 65,000 | |
| | --- | --- | --- | 49,300 | 48,000 | 58,400 | 61,500 | 56,500 | 55,250 | --- | --- | 56,000 | |
| | --- | --- | --- | 59,040 | 57,429 | 66,580 | 67,300 | 67,000 | 65,900 | 71,000 | --- | 64,142 | |
| | --- | --- | --- | 13,751 | 13,428 | 9,777 | 6,201 | 15,604 | 14,856 | 19,799 | --- | 12,329 | |
| | 0 | 0 | 0 | 5 | 14 | 17 | 10 | 9 | 4 | 2 | 0 | 61 | |
| 33-47 | --- | --- | --- | --- | 65,000 | 81,000 | 78,000 | 78,000 | 74,000 | 76,909 | --- | 76,000 | |
| | --- | --- | --- | 54,500 | 64,500 | 78,000 | 70,000 | 70,750 | 69,000 | 71,000 | 78,500 | 69,000 | |
| | --- | --- | --- | --- | 53,975 | 59,000 | 60,000 | 61,250 | 62,000 | 59,500 | --- | 62,000 | |
| | --- | --- | --- | 54,500 | 59,692 | 70,920 | 68,429 | 69,313 | 68,333 | 68,764 | 78,500 | 66,987 | |
| | --- | --- | --- | --- | 16,324 | 14,974 | 10,706 | 11,234 | 6,028 | 11,148 | 20,506 | 13,645 | |
| | 0 | 0 | 0 | 1 | 12 | 9 | 7 | 8 | 3 | 5 | 2 | 47 | |
| 48-67 | --- | --- | --- | --- | 74,500 | 88,500 | 79,000 | 86,125 | --- | --- | --- | 80,500 | |
| | --- | --- | --- | 52,750 | 62,000 | 70,610 | 70,000 | 81,000 | 60,000 | 70,000 | 53,000 | 66,300 | |
| | --- | --- | --- | --- | 57,000 | 62,200 | 65,000 | 63,050 | --- | --- | --- | 59,350 | |
| | --- | --- | --- | 52,750 | 65,000 | 72,803 | 71,600 | 76,725 | 60,000 | 70,000 | 53,000 | 68,008 | |
| | --- | --- | --- | 10,960 | 11,158 | 17,135 | 7,603 | 13,268 | --- | --- | 14,142 | 13,537 | |
| | 0 | 0 | 0 | 2 | 5 | 6 | 5 | 4 | 1 | 1 | 2 | 26 | |
| 68-99 | --- | --- | --- | --- | 77,500 | 100,000 | --- | 85,500 | 81,000 | 100,000 | --- | 85,000 | |
| | --- | --- | --- | --- | 70,000 | 80,000 | 70,000 | 78,000 | 80,500 | 100,000 | --- | 79,200 | |
| | --- | --- | --- | --- | 61,000 | 70,000 | --- | 67,143 | 79,250 | 77,100 | --- | 70,000 | |
| | --- | --- | --- | --- | 69,400 | 83,333 | 70,000 | 76,657 | 80,250 | 90,840 | --- | 79,369 | |
| | --- | --- | --- | --- | 9,839 | 15,275 | --- | 12,187 | 957 | 12,630 | --- | 12,465 | |
| | 0 | 0 | 0 | 0 | 5 | 3 | 1 | 5 | 4 | 5 | 0 | 23 | |
| ≥100 | --- | --- | --- | --- | 90,000 | 95,000 | 91,250 | 100,000 | 97,000 | 100,000 | --- | 95,750 | |
| | --- | --- | --- | --- | 80,000 | 80,000 | 71,000 | 90,000 | 92,500 | 75,000 | 98,000 | 88,500 | |
| | --- | --- | --- | --- | 51,340 | 71,000 | 49,625 | 79,100 | 83,000 | 50,000 | --- | 71,750 | |
| | --- | --- | --- | --- | 73,780 | 82,564 | 70,917 | 87,578 | 90,167 | 75,000 | 98,000 | 82,056 | |
| | --- | --- | --- | --- | 20,067 | 13,232 | 19,577 | 13,274 | 9,304 | 28,868 | --- | 16,710 | |
| | 0 | 0 | 0 | 0 | 3 | 11 | 6 | 9 | 6 | 4 | 1 | 40 | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | 20,500 | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 2.4.5

SALARIES of PhD CHEMISTS EMPLOYED FULL-TIME in PRIVATE INDUSTRY
by INDUSTRY EMPLOYERS and YEARS SINCE BS
1984 Survey of ACS Members

| EMPLOYER | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|-------------------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | No Resp |
| Mfg Chem | --- | --- | 40,375 | 45,000 | 52,500 | 59,375 | 64,500 | 67,750 | 70,000 | 70,850 | 59,500 | 57,475 | - 75th %ile |
| | --- | --- | 36,550 | 40,100 | 46,000 | 52,000 | 54,000 | 55,900 | 60,000 | 60,000 | 50,600 | 48,000 | - 50th %ile |
| | --- | --- | 34,375 | 36,800 | 40,000 | 46,000 | 45,720 | 48,000 | 50,000 | 50,250 | 36,000 | 40,000 | - 25th %ile |
| | --- | --- | 37,047 | 41,772 | 46,859 | 55,449 | 55,494 | 58,565 | 62,156 | 62,413 | 51,947 | 50,612 | - Mean |
| | --- | --- | 4,134 | 7,062 | 10,190 | 13,782 | 12,357 | 15,624 | 14,786 | 14,242 | 19,243 | 14,242 | - Std Dev |
| | 0 | 0 | 80 | 138 | 154 | 118 | 95 | 92 | 58 | 36 | 17 | 788 | - Count |
| Mfg Coatings | --- | --- | 37,006 | 43,000 | 47,750 | 53,000 | 60,000 | 73,500 | 71,500 | 100,000 | 59,250 | 57,450 | |
| | --- | --- | 35,825 | 41,400 | 43,380 | 48,000 | 52,000 | 65,000 | 55,000 | 40,000 | 41,000 | 45,300 | |
| | --- | --- | 31,500 | 35,400 | 38,025 | 38,300 | 47,500 | 56,048 | 46,500 | 20,000 | 22,000 | 37,850 | |
| | --- | --- | 34,279 | 39,786 | 44,220 | 47,920 | 53,400 | 63,732 | 58,200 | 53,333 | 40,750 | 48,078 | |
| | --- | --- | 3,856 | 3,699 | 8,222 | 9,968 | 9,422 | 11,411 | 14,025 | 41,633 | 20,023 | 14,184 | |
| | 0 | 0 | 6 | 7 | 12 | 15 | 11 | 6 | 5 | 3 | 4 | 69 | |
| Mfg Food | --- | --- | 36,550 | 41,200 | 47,925 | 59,750 | 56,650 | 68,250 | 95,500 | 78,000 | --- | 53,000 | |
| | --- | --- | 34,450 | 36,500 | 42,000 | 51,150 | 50,000 | 50,500 | 69,000 | 64,000 | 46,500 | 46,000 | |
| | --- | --- | 32,610 | 32,500 | 36,750 | 48,400 | 48,250 | 43,750 | 60,000 | 42,000 | --- | 37,000 | |
| | --- | --- | 34,423 | 36,479 | 42,083 | 53,833 | 51,533 | 56,050 | 76,000 | 64,429 | 46,500 | 48,961 | |
| | --- | --- | 2,091 | 5,250 | 7,888 | 10,534 | 4,590 | 18,548 | 18,398 | 22,307 | --- | 16,277 | |
| | 0 | 0 | 6 | 14 | 18 | 12 | 6 | 10 | 5 | 7 | 1 | 79 | |
| Mfg Metals/ minerals | --- | --- | --- | 42,000 | 39,450 | 60,000 | 72,500 | 76,200 | --- | --- | --- | 54,250 | |
| | --- | --- | 30,600 | 38,000 | 35,900 | 50,650 | 48,000 | 55,000 | 58,000 | 66,250 | --- | 46,000 | |
| | --- | --- | --- | 35,300 | 26,500 | 46,250 | 39,073 | 52,524 | --- | --- | --- | 36,507 | |
| | --- | --- | 30,600 | 38,517 | 33,950 | 52,238 | 53,191 | 61,241 | 58,000 | 66,250 | --- | 47,701 | |
| | --- | --- | --- | 3,952 | 7,081 | 10,236 | 18,712 | 13,014 | 11,314 | 19,445 | --- | 14,231 | |
| | 0 | 0 | 1 | 9 | 4 | 8 | 4 | 3 | 2 | 2 | 0 | 33 | |
| Mfg Paper | --- | --- | 38,475 | 50,625 | 52,000 | 53,500 | 55,420 | 56,175 | --- | --- | --- | 53,500 | |
| | --- | --- | 36,000 | 43,500 | 45,450 | 47,600 | 53,000 | 47,500 | 67,750 | 69,500 | --- | 45,000 | |
| | --- | --- | 33,625 | 35,625 | 38,000 | 43,050 | 48,000 | 39,250 | --- | --- | --- | 39,000 | |
| | --- | --- | 35,967 | 43,833 | 45,150 | 48,050 | 51,968 | 48,428 | 67,750 | 69,500 | --- | 47,786 | |
| | --- | --- | 2,471 | 9,781 | 7,553 | 5,774 | 4,332 | 9,681 | 20,153 | 31,820 | --- | 12,406 | |
| | 0 | 0 | 6 | 6 | 6 | 4 | 5 | 8 | 2 | 2 | 0 | 39 | |
| Mfg Petroleum | --- | --- | 42,500 | 49,000 | 53,750 | 70,000 | 73,500 | 71,500 | 86,000 | --- | 76,000 | 64,000 | |
| | --- | --- | 38,100 | 45,900 | 50,000 | 60,000 | 64,000 | 69,500 | 69,500 | 63,250 | 69,500 | 50,500 | |
| | --- | --- | 35,850 | 42,000 | 41,000 | 53,000 | 59,000 | 52,625 | 56,578 | --- | 28,600 | 42,500 | |
| | --- | --- | 39,223 | 46,015 | 49,610 | 62,233 | 64,563 | 65,438 | 70,725 | 63,250 | 58,033 | 53,632 | |
| | --- | --- | 4,882 | 7,511 | 9,749 | 10,387 | 9,879 | 12,877 | 16,267 | 10,253 | 25,696 | 13,887 | |
| | 0 | 0 | 22 | 31 | 25 | 27 | 16 | 8 | 7 | 2 | 3 | 141 | |
| Mfg Pharm | --- | --- | 38,000 | 44,250 | 60,000 | 63,000 | 64,400 | 65,000 | 74,000 | 82,656 | 64,281 | 60,000 | |
| | --- | --- | 36,000 | 40,000 | 47,438 | 56,000 | 55,000 | 58,000 | 57,600 | 62,628 | 50,150 | 47,450 | |
| | --- | --- | 33,000 | 35,975 | 40,950 | 47,500 | 47,500 | 48,395 | 47,400 | 49,500 | 36,650 | 38,595 | |
| | --- | --- | 35,540 | 40,973 | 50,474 | 56,176 | 56,926 | 58,356 | 60,992 | 65,840 | 52,190 | 50,547 | |
| | --- | --- | 4,047 | 6,328 | 12,468 | 15,195 | 13,440 | 15,786 | 15,338 | 19,214 | 16,068 | 15,277 | |
| | 0 | 0 | 47 | 66 | 74 | 59 | 45 | 25 | 15 | 23 | 12 | 366 | |
| Mfg Rubber | --- | --- | 43,800 | 50,200 | 58,500 | 68,415 | 50,750 | 60,000 | --- | --- | --- | 56,920 | |
| | --- | --- | 35,900 | 46,000 | 51,000 | 45,450 | 49,500 | 58,000 | 49,800 | 68,520 | 36,000 | 48,900 | |
| | --- | --- | 34,800 | 38,100 | 41,600 | 40,000 | 48,250 | 50,375 | --- | --- | --- | 40,000 | |
| | --- | --- | 38,167 | 44,300 | 50,367 | 52,015 | 49,500 | 56,125 | 49,800 | 68,520 | 36,000 | 49,611 | |
| | --- | --- | 4,910 | 7,120 | 8,468 | 15,870 | 1,291 | 5,422 | --- | 15,104 | --- | 11,577 | |
| | 0 | 0 | 3 | 7 | 3 | 8 | 4 | 4 | 1 | 2 | 1 | 33 | |
| Mfg Other | --- | --- | 38,818 | 45,525 | 52,000 | 60,000 | 62,200 | 68,350 | 65,500 | 62,750 | 60,250 | 55,000 | |
| | 20,500 | --- | 37,000 | 41,736 | 45,900 | 50,000 | 53,250 | 57,143 | 56,000 | 49,000 | 42,500 | 45,120 | |
| | --- | --- | 34,550 | 37,425 | 40,000 | 41,200 | 44,950 | 50,000 | 46,250 | 39,610 | 27,375 | 39,600 | |
| | 20,500 | --- | 36,811 | 42,018 | 47,592 | 51,699 | 54,519 | 58,455 | 57,190 | 49,602 | 43,350 | 48,301 | |
| | --- | --- | 4,250 | 5,571 | 9,370 | 12,923 | 11,165 | 14,591 | 15,202 | 15,298 | 15,362 | 12,738 | |
| | 1 | 0 | 45 | 74 | 82 | 55 | 32 | 52 | 21 | 13 | 10 | 385 | |
| Non-Mfg | --- | --- | 41,250 | 44,500 | 58,000 | 62,000 | 66,300 | 82,750 | 66,500 | 75,000 | --- | 59,000 | |
| | --- | --- | 36,035 | 39,800 | 46,500 | 59,000 | 50,000 | 60,250 | 41,000 | 55,500 | 51,000 | 45,000 | |
| | --- | --- | 33,550 | 34,141 | 40,200 | 48,000 | 43,000 | 32,297 | 37,250 | 49,982 | --- | 38,300 | |
| | --- | --- | 37,655 | 39,363 | 47,279 | 55,300 | 54,043 | 58,463 | 48,250 | 61,926 | 51,000 | 48,142 | |
| | --- | --- | 6,222 | 8,975 | 14,908 | 13,167 | 11,440 | 27,029 | 17,988 | 14,252 | 11,314 | 15,841 | |
| | 0 | 0 | 14 | 21 | 27 | 15 | 7 | 10 | 4 | 7 | 2 | 107 | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | --- | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 2.4.6

SALARIES of FULL-TIME EMPLOYED Ph.D. CHEMISTS IN PRIVATE INDUSTRY
by GEOGRAPHIC REGION and YEARS SINCE BS
1984 Survey of ACS Members

| REGION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Pacific | --- | --- | 42,000 | 48,000 | 60,000 | 62,185 | 69,825 | 77,750 | 66,000 | 70,875 | 88,750 | 60,000 | - 75th %ile |
| | --- | --- | 37,100 | 43,000 | 50,000 | 50,650 | 55,920 | 60,250 | 51,750 | 55,000 | 72,750 | 48,600 | - 50th %ile |
| | --- | --- | 34,000 | 38,750 | 43,000 | 46,625 | 50,000 | 50,000 | 39,750 | 38,500 | 54,875 | 42,000 | - 25th %ile |
| | --- | --- | 38,235 | 43,267 | 51,880 | 54,374 | 59,015 | 62,714 | 53,570 | 54,540 | 72,125 | 51,514 | - Mean |
| | --- | --- | 4,894 | 7,170 | 11,574 | 11,853 | 12,256 | 14,878 | 17,483 | 18,667 | 17,769 | 14,164 | - Std Dev |
| | 0 | 0 | 86 | 33 | 31 | 20 | 16 | 14 | 10 | 12 | 4 | 156 | - Count |
| Mountain | --- | --- | --- | 36,550 | 63,725 | --- | --- | --- | --- | --- | --- | 57,793 | |
| | --- | --- | --- | 35,400 | 43,000 | 48,500 | 58,000 | 68,643 | 49,328 | --- | --- | 46,000 | |
| | --- | --- | --- | 35,000 | 36,950 | --- | --- | --- | --- | --- | --- | 36,300 | |
| | --- | --- | --- | 35,650 | 49,350 | 48,500 | 58,000 | 68,643 | 49,328 | --- | --- | 49,313 | |
| | --- | --- | --- | 854 | 17,256 | 2,121 | 16,971 | 16,061 | --- | --- | --- | 15,182 | |
| | 0 | 0 | 0 | 4 | 6 | 2 | 2 | 2 | 1 | 0 | 0 | 17 | |
| W.N. Central | --- | --- | 38,375 | 40,500 | 58,000 | 70,420 | 59,525 | 74,000 | 65,450 | 100,000 | --- | 57,250 | |
| | --- | --- | 37,114 | 38,100 | 50,000 | 47,850 | 56,500 | 57,000 | 49,000 | 54,480 | 43,000 | 45,000 | |
| | --- | --- | 35,040 | 34,750 | 40,000 | 40,703 | 49,750 | 41,500 | 45,000 | 52,800 | --- | 38,075 | |
| | --- | --- | 36,844 | 37,769 | 51,956 | 53,764 | 54,763 | 58,112 | 52,852 | 69,093 | 43,000 | 49,145 | |
| | --- | --- | 2,160 | 3,588 | 12,782 | 16,196 | 5,267 | 18,421 | 13,722 | 26,779 | --- | 14,524 | |
| | 0 | 0 | 8 | 17 | 15 | 8 | 8 | 9 | 9 | 3 | 1 | 78 | |
| W.S. Central | --- | --- | 43,500 | 50,100 | 54,000 | 68,000 | 65,125 | 60,765 | 82,500 | 100,000 | --- | 59,250 | |
| | --- | --- | 38,000 | 42,660 | 48,200 | 59,000 | 56,000 | 56,700 | 69,420 | 75,000 | 76,500 | 50,000 | |
| | --- | --- | 33,400 | 38,300 | 41,000 | 47,775 | 46,150 | 43,000 | 61,789 | 53,250 | --- | 41,832 | |
| | --- | --- | 38,825 | 43,963 | 48,363 | 57,409 | 58,481 | 54,276 | 71,600 | 76,500 | 76,500 | 51,894 | |
| | --- | --- | 6,266 | 7,594 | 8,559 | 10,477 | 14,934 | 11,342 | 12,265 | 23,440 | 30,406 | 14,019 | |
| | 0 | 0 | 12 | 29 | 35 | 20 | 14 | 16 | 5 | 5 | 2 | 138 | |
| E.N. Central | --- | --- | 37,734 | 44,000 | 51,000 | 60,250 | 59,500 | 70,000 | 76,250 | 75,205 | 56,850 | 55,000 | |
| | 20,500 | --- | 35,900 | 40,000 | 45,000 | 52,000 | 51,000 | 56,000 | 60,000 | 58,000 | 38,000 | 45,000 | |
| | --- | --- | 34,000 | 36,100 | 40,000 | 45,710 | 46,150 | 48,000 | 50,842 | 43,305 | 31,250 | 38,250 | |
| | 20,500 | --- | 35,568 | 39,861 | 46,473 | 55,027 | 53,705 | 59,352 | 64,470 | 59,774 | 42,469 | 48,344 | |
| | --- | --- | 3,709 | 4,906 | 10,117 | 13,784 | 10,848 | 16,329 | 16,820 | 17,510 | 15,590 | 14,294 | |
| | 1 | 0 | 58 | 71 | 83 | 69 | 48 | 39 | 18 | 18 | 20 | 425 | |
| E.S. Central | --- | --- | 44,250 | 52,000 | 48,500 | 62,000 | --- | 60,625 | --- | --- | --- | 52,000 | |
| | --- | --- | 41,000 | 45,000 | 42,500 | 52,500 | 44,250 | 51,000 | 42,420 | 64,000 | --- | 45,000 | |
| | --- | --- | 39,050 | 42,700 | 35,950 | 43,000 | --- | 44,750 | --- | --- | --- | 41,880 | |
| | --- | --- | 41,520 | 43,381 | 41,042 | 52,340 | 44,250 | 52,750 | 42,420 | 64,000 | --- | 46,729 | |
| | --- | --- | 2,860 | 13,036 | 8,817 | 9,185 | 10,960 | 8,728 | --- | 19,799 | --- | 11,055 | |
| | 0 | 0 | 5 | 7 | 9 | 7 | 2 | 6 | 1 | 2 | 0 | 39 | |
| Mid-Atlantic | --- | --- | 38,590 | 46,250 | 53,750 | 62,750 | 67,876 | 66,000 | 71,277 | 69,000 | 63,000 | 59,713 | |
| | --- | --- | 36,350 | 42,100 | 46,000 | 54,000 | 59,250 | 59,000 | 56,000 | 58,500 | 50,600 | 48,000 | |
| | --- | --- | 33,694 | 37,650 | 40,150 | 48,000 | 49,625 | 49,400 | 44,750 | 50,500 | 39,000 | 40,000 | |
| | --- | --- | 36,664 | 42,969 | 48,290 | 56,277 | 58,528 | 58,245 | 58,982 | 61,085 | 49,955 | 50,720 | |
| | --- | --- | 4,902 | 7,850 | 11,075 | 13,829 | 13,184 | 15,710 | 16,729 | 16,658 | 11,858 | 14,574 | |
| | 0 | 0 | 64 | 101 | 97 | 88 | 64 | 63 | 26 | 24 | 11 | 538 | |
| So. Atlantic | --- | --- | 38,000 | 45,000 | 52,500 | 64,550 | 60,500 | 60,000 | 69,000 | 78,000 | --- | 56,790 | |
| | --- | --- | 36,000 | 41,236 | 44,950 | 51,500 | 51,750 | 50,000 | 60,000 | 61,500 | 60,050 | 46,000 | |
| | --- | --- | 33,900 | 35,975 | 37,775 | 43,525 | 42,750 | 43,000 | 54,090 | 47,250 | --- | 38,790 | |
| | --- | --- | 35,932 | 41,236 | 45,629 | 54,731 | 51,217 | 54,159 | 61,632 | 61,295 | 60,050 | 49,083 | |
| | --- | --- | 3,371 | 6,202 | 11,062 | 15,036 | 11,032 | 16,117 | 10,824 | 17,625 | 5,728 | 14,009 | |
| | 0 | 0 | 29 | 38 | 38 | 38 | 18 | 27 | 24 | 8 | 2 | 222 | |
| New England | --- | --- | 40,000 | 43,125 | 48,750 | 59,250 | 57,683 | 85,000 | 91,000 | 79,625 | 49,750 | 55,478 | |
| | --- | --- | 38,400 | 40,000 | 44,000 | 46,500 | 52,000 | 72,000 | 62,000 | 66,500 | 41,500 | 45,000 | |
| | --- | --- | 36,000 | 35,000 | 38,300 | 41,001 | 45,000 | 64,500 | 51,000 | 52,075 | 37,825 | 39,753 | |
| | --- | --- | 38,194 | 39,394 | 44,105 | 50,035 | 51,742 | 74,000 | 69,200 | 67,133 | 43,025 | 49,679 | |
| | --- | --- | 4,973 | 5,321 | 8,585 | 10,404 | 7,440 | 15,484 | 21,476 | 15,617 | 6,450 | 15,005 | |
| | 0 | 0 | 11 | 18 | 21 | 14 | 14 | 9 | 5 | 6 | 4 | 102 | |
| No Response | --- | --- | 39,000 | 44,000 | 50,500 | 62,000 | 65,000 | 64,550 | 79,500 | 75,000 | 63,750 | 60,000 | |
| | --- | --- | 37,000 | 41,500 | 44,750 | 53,000 | 56,000 | 53,000 | 64,740 | 60,000 | 47,500 | 48,500 | |
| | --- | --- | 34,600 | 37,000 | 38,000 | 45,000 | 45,720 | 49,150 | 54,000 | 49,000 | 30,425 | 40,000 | |
| | --- | --- | 37,119 | 41,839 | 46,704 | 53,508 | 55,927 | 57,500 | 66,716 | 62,060 | 48,150 | 50,656 | |
| | --- | --- | 3,757 | 6,480 | 10,842 | 14,252 | 11,993 | 14,943 | 14,059 | 17,168 | 19,150 | 14,352 | |
| | 0 | 0 | 27 | 55 | 70 | 55 | 39 | 33 | 21 | 19 | 6 | 325 | |
| TOTAL | --- | --- | 38,825 | 45,000 | 52,575 | 62,000 | 63,150 | 67,250 | 70,277 | 75,000 | 63,000 | 58,000 | |
| | 20,500 | --- | 36,350 | 41,000 | 46,000 | 52,000 | 55,000 | 57,000 | 60,000 | 59,000 | 45,400 | 47,250 | |
| | --- | --- | 34,000 | 36,800 | 40,000 | 45,850 | 46,810 | 48,218 | 49,850 | 50,000 | 36,000 | 40,000 | |
| | 20,500 | --- | 36,756 | 41,658 | 47,448 | 54,834 | 55,807 | 58,409 | 61,511 | 61,707 | 49,290 | 49,976 | |
| | --- | --- | 4,391 | 6,893 | 10,794 | 13,495 | 12,015 | 15,641 | 15,523 | 17,755 | 17,394 | 14,286 | |
| | 1 | 0 | 230 | 373 | 405 | 321 | 225 | 218 | 120 | 97 | 50 | 2,040 | |

Table 3.1.1

SALARIES of FULL-TIME EMPLOYED B.S. CHEMISTS IN GOVERNMENT
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|-----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | | |
| Mgt-R&D | --- | --- | 29,000 | --- | --- | --- | --- | --- | --- | --- | --- | 45,195 | - 75th %-ile |
| | --- | 23,000 | 26,000 | 44,389 | --- | 46,000 | 41,150 | 43,000 | --- | 50,500 | --- | 41,150 | - 50th %-ile |
| | --- | --- | 25,000 | --- | --- | --- | --- | --- | --- | --- | --- | 25,500 | - 25th %-ile |
| | --- | 23,000 | 26,667 | 44,389 | --- | 46,000 | 41,150 | 43,000 | --- | 50,500 | --- | 36,449 | - Mean |
| | 0 | 1 | 2,082 | --- | --- | --- | --- | --- | --- | --- | --- | 10,567 | - Std Dev |
| | | | | | | | | | | | | 9 | - Count |
| Basic Research | --- | 22,000 | 29,000 | 33,438 | --- | 41,289 | 39,500 | 38,250 | --- | --- | --- | 37,500 | |
| | 15,000 | 18,000 | 24,500 | 27,875 | 37,000 | 38,000 | 35,265 | 33,950 | --- | 18,000 | 37,200 | 30,400 | |
| | --- | 18,000 | 18,885 | 26,438 | --- | 35,221 | 20,000 | 25,975 | --- | --- | --- | 22,000 | |
| | 15,000 | 19,333 | 24,128 | 29,250 | 37,000 | 38,204 | 31,588 | 32,725 | --- | 18,000 | 37,200 | 29,936 | |
| | --- | 2,309 | 5,068 | 3,974 | 3,536 | 3,325 | 10,257 | 6,563 | --- | --- | --- | 8,424 | |
| | 1 | 3 | 3 | 4 | 2 | 5 | 3 | 4 | 0 | 1 | 1 | 27 | |
| Applied R&D | --- | 23,300 | 25,000 | 36,375 | 39,870 | --- | 38,376 | 45,250 | --- | --- | --- | 38,532 | |
| | 16,500 | 21,000 | 25,000 | 30,000 | 35,240 | 23,640 | 35,467 | 44,140 | 36,500 | 48,000 | 25,000 | 30,000 | |
| | --- | 14,500 | 24,000 | 24,000 | 34,000 | --- | 35,000 | 40,399 | --- | --- | --- | 23,400 | |
| | 16,500 | 19,320 | 24,667 | 30,083 | 36,370 | 23,640 | 36,281 | 42,146 | 36,500 | 48,000 | 25,000 | 30,826 | |
| | --- | 3,536 | 4,981 | 577 | 6,591 | 3,301 | 7,580 | 1,829 | 6,196 | --- | --- | 9,929 | |
| | 2 | 5 | 3 | 6 | 4 | 2 | 3 | 6 | 1 | 1 | 1 | 34 | |
| Gen Mgt | --- | --- | --- | 37,198 | --- | 49,250 | 58,500 | --- | --- | --- | --- | 50,000 | |
| | --- | --- | 22,672 | 36,000 | --- | 45,500 | 41,000 | 39,500 | 55,000 | 48,000 | --- | 41,000 | |
| | --- | --- | --- | 35,000 | --- | 39,125 | 40,000 | --- | --- | --- | --- | 37,198 | |
| | --- | --- | 22,672 | 36,066 | --- | 44,625 | 46,500 | 39,500 | 55,000 | 48,000 | --- | 42,625 | |
| | 0 | 0 | 1 | 1,100 | --- | 5,344 | 10,404 | --- | --- | 8,485 | --- | 9,202 | |
| | | | 3 | 0 | 4 | 3 | 1 | 1 | 2 | 0 | 15 | | |
| Marketing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | 32,000 | --- | 32,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | 32,000 | --- | 32,000 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| Prod & QC | --- | --- | 32,000 | --- | --- | 36,000 | 35,000 | --- | 32,750 | --- | --- | 34,000 | |
| | --- | 28,168 | 23,000 | 31,500 | 31,900 | 30,000 | 31,000 | 55,000 | 28,800 | 43,932 | --- | 30,000 | |
| | --- | --- | 17,600 | --- | --- | 26,624 | 29,600 | --- | 27,681 | --- | --- | 26,624 | |
| | --- | 28,168 | 24,057 | 31,500 | 31,900 | 30,875 | 31,867 | 55,000 | 29,744 | 43,932 | --- | 31,726 | |
| | 0 | 4,005 | 5,987 | 3,556 | 5,515 | 4,749 | 2,802 | 12,728 | 2,921 | 15,653 | --- | 10,007 | |
| | 2 | 7 | 2 | 2 | 3 | 3 | 2 | 4 | 2 | 0 | 27 | | |
| Forensic | --- | 23,500 | 25,950 | 33,872 | 31,028 | 42,225 | --- | 43,382 | --- | --- | --- | 31,500 | |
| | 17,138 | 17,000 | 22,332 | 28,550 | 28,136 | 34,227 | 30,450 | 35,000 | 37,000 | 26,000 | --- | 26,000 | |
| | --- | 14,500 | 19,550 | 23,400 | 25,325 | 30,745 | --- | 19,199 | --- | --- | --- | 20,000 | |
| | 17,138 | 18,315 | 22,375 | 29,361 | 28,247 | 36,217 | 30,450 | 32,527 | 37,000 | 26,000 | --- | 26,370 | |
| | --- | 5,011 | 4,042 | 6,940 | 3,733 | 6,854 | 1,485 | 12,280 | --- | --- | --- | 7,951 | |
| | 1 | 11 | 20 | 17 | 6 | 8 | 2 | 3 | 1 | 1 | 70 | | |
| Writing/Editing | --- | --- | --- | --- | 36,480 | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | 25,355 | --- | --- | 30,918 | |
| | --- | --- | --- | --- | 36,480 | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | 25,355 | --- | --- | 30,918 | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 7,867 | |
| | | | | | | | | | | | 2 | | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Consulting | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other | --- | --- | 32,802 | 45,350 | 25,650 | --- | 42,305 | --- | --- | --- | --- | 32,000 | |
| | --- | --- | 25,300 | 28,022 | 25,160 | 36,310 | 28,000 | 27,500 | --- | --- | --- | 26,000 | |
| | --- | --- | 20,625 | 24,011 | 21,625 | --- | 25,984 | --- | --- | --- | --- | 24,000 | |
| | --- | --- | 26,917 | 32,461 | 23,942 | 36,310 | 32,915 | 27,500 | --- | --- | --- | 29,381 | |
| | 0 | 0 | 7,509 | 12,156 | 2,282 | 19,361 | 8,625 | --- | --- | --- | --- | 9,052 | |
| | | 6 | 4 | 5 | 2 | 5 | 1 | 0 | 0 | 0 | 23 | | |
| No Response | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 44,191 | |
| | --- | --- | 22,363 | 30,000 | --- | --- | 43,382 | --- | 28,000 | 45,000 | --- | 30,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,182 | |
| | --- | --- | 22,363 | 30,000 | --- | --- | 43,382 | --- | 28,000 | 45,000 | --- | 33,749 | |
| | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 9,951 | |
| | | | | | | | | | | | 5 | | |
| TOTAL | 18,535 | 23,700 | 26,450 | 35,000 | 35,475 | 43,150 | 41,075 | 44,460 | 36,750 | 51,375 | --- | 36,490 | |
| | 16,069 | 19,500 | 24,000 | 30,000 | 29,136 | 37,000 | 35,265 | 41,250 | 29,000 | 43,500 | 31,100 | 28,750 | |
| | 14,250 | 14,975 | 20,000 | 25,453 | 25,475 | 30,000 | 29,500 | 30,199 | 27,687 | 30,500 | --- | 23,000 | |
| | 16,285 | 19,791 | 23,837 | 30,844 | 30,448 | 36,711 | 35,653 | 38,964 | 33,425 | 40,336 | 31,100 | 30,350 | |
| | 2,234 | 5,133 | 4,818 | 7,017 | 5,954 | 8,491 | 8,299 | 10,255 | 9,097 | 12,552 | 8,627 | 9,774 | |
| | 4 | 22 | 44 | 38 | 20 | 25 | 21 | 18 | 9 | 10 | 2 | 213 | |

Table 3.1.2

SALARIES of FULL-TIME EMPLOYED M.S. CHEMISTS IN GOVERNMENT
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | | |
|---------------------|----------------|--------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|---------|-------|---------------|----------------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | | |
| Mgt-R&D | --- | --- | --- | --- | --- | --- | 52,000 | --- | --- | --- | --- | --- | 53,000 | - 75th %ile |
| | --- | --- | --- | 34,152 | 37,500 | --- | 40,972 | 49,650 | 52,000 | --- | --- | --- | 40,972 | - 50th %ile |
| | --- | --- | --- | --- | --- | --- | 40,000 | --- | --- | --- | --- | --- | 37,250 | - 25th %ile |
| | --- | --- | --- | 34,152 | 37,500 | --- | 44,324 | 49,650 | 52,000 | --- | --- | --- | 45,325 | - Mean |
| | 0 | 0 | 0 | 1 | 1 | 0 | 6,665 3 | 17,890 2 | 2,828 2 | --- | 0 | 0 | 9,569 9 | - Std Dev - Count |
| Basic Research | --- | --- | 28,000 | 33,588 | --- | 41,000 | 45,000 | --- | --- | --- | --- | --- | 41,479 | |
| | --- | --- | 24,400 | 29,427 | 29,250 | 38,506 | 40,972 | 42,799 | 46,997 | 46,000 | 17,000 | --- | 33,177 | |
| | --- | --- | 18,000 | 19,375 | --- | 34,307 | 26,000 | --- | --- | --- | --- | --- | 26,375 | |
| | --- | --- | 23,467 | 27,463 | 29,250 | 37,824 | 37,324 | 42,799 | 46,997 | 46,000 | 17,000 | --- | 33,429 | |
| | 0 | 0 | 5,065 3 | 7,682 4 | 3,889 2 | 3,963 5 | 10,012 3 | 5,938 2 | --- | --- | 1 | 1 | 9,628 22 | |
| Applied R&D | --- | --- | --- | 41,497 | --- | --- | --- | 49,375 | --- | --- | --- | --- | 40,096 | |
| | --- | 30,483 | 25,400 | 33,000 | 36,741 | 26,500 | 42,250 | 41,750 | 33,000 | 23,000 | --- | --- | 35,000 | |
| | --- | --- | --- | 29,000 | --- | --- | --- | 36,000 | --- | --- | --- | --- | 27,000 | |
| | --- | 30,483 | 25,400 | 34,799 | 36,741 | 26,500 | 42,250 | 42,375 | 33,000 | 23,000 | --- | --- | 35,281 | |
| | 0 | 2 | 1 | 7,561 5 | 4,745 2 | 1 | 8,132 2 | 6,945 4 | --- | 1 | 1 | 0 | 8,576 19 | |
| Gen Mgt | --- | --- | --- | 38,115 | 40,000 | --- | --- | --- | --- | --- | --- | --- | 45,000 | |
| | --- | --- | --- | 33,000 | 35,500 | 48,317 | --- | --- | 37,000 | 55,440 | --- | --- | 36,500 | |
| | --- | --- | --- | 29,375 | 24,250 | --- | --- | --- | --- | --- | --- | --- | 29,375 | |
| | --- | --- | --- | 53,660 | 33,250 | 48,317 | --- | --- | 37,000 | 55,440 | --- | --- | 37,699 | |
| | 0 | 0 | 0 | 4,389 6 | 8,112 3 | 4,690 2 | 0 | 0 | 11,314 2 | --- | 1 | 0 | 9,099 14 | |
| Marketing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | 25,000 | --- | --- | --- | --- | --- | --- | --- | --- | 25,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | 25,000 | --- | --- | --- | --- | --- | --- | --- | --- | 25,000 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Prod & QC | --- | --- | 31,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31,000 | |
| | --- | --- | 25,000 | 26,000 | 28,600 | --- | --- | --- | 33,678 | --- | --- | --- | 26,000 | |
| | --- | --- | 20,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,000 | |
| | --- | --- | 25,333 | 26,000 | 28,600 | --- | --- | --- | 33,678 | --- | --- | --- | 28,279 | |
| | 0 | 0 | 5,508 3 | --- | --- | --- | --- | --- | 20,254 | --- | --- | --- | 9,666 7 | |
| Forensic | --- | --- | --- | 29,000 | 34,000 | 31,609 | 35,000 | --- | --- | --- | --- | --- | 32,271 | |
| | --- | --- | --- | 27,000 | 32,000 | 29,000 | 32,980 | 36,302 | 27,872 | 20,000 | --- | --- | 29,000 | |
| | --- | --- | 21,100 | 21,000 | 18,000 | 27,606 | 19,000 | --- | --- | --- | --- | --- | 21,500 | |
| | --- | --- | 21,100 | 25,056 | 31,501 | 29,486 | 28,993 | 36,302 | 27,872 | 20,000 | --- | --- | 28,103 | |
| | 0 | 0 | 2,687 2 | 6,049 9 | 13,235 7 | 2,264 5 | 8,713 3 | 5,230 2 | --- | 1 | 1 | 0 | 8,357 30 | |
| Writing/ Editing | --- | --- | --- | --- | 37,600 | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | 37,600 | --- | --- | --- | --- | --- | --- | --- | 37,600 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Data Processing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | 28,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28,000 | |
| | --- | --- | 28,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Consulting | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | 30,400 | --- | --- | --- | --- | 20,000 | --- | 72,693 | --- | 30,400 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,000 | |
| | --- | --- | --- | 30,400 | --- | --- | --- | --- | 20,000 | --- | 72,693 | --- | 41,031 | |
| | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 27,909 3 | |
| Other | --- | --- | 37,000 | 39,185 | 52,000 | 41,500 | 46,185 | --- | 62,000 | --- | --- | --- | 45,278 | |
| | --- | --- | 23,000 | 31,000 | 28,000 | 35,500 | 32,884 | 65,000 | 57,000 | --- | --- | --- | 33,500 | |
| | --- | --- | 21,500 | 28,328 | 20,800 | 21,850 | 25,239 | --- | 34,000 | --- | --- | --- | 25,239 | |
| | --- | --- | 27,167 | 33,205 | 33,600 | 32,440 | 34,769 | 65,000 | 51,000 | --- | --- | --- | 36,150 | |
| | 0 | 0 | 8,549 3 | 7,184 5 | 16,356 3 | 10,387 5 | 11,274 4 | --- | 14,933 3 | --- | 0 | 0 | 13,221 24 | |
| No Response | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33,000 | |
| | --- | --- | --- | 21,100 | --- | 26,000 | 33,000 | --- | --- | --- | --- | --- | 26,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21,100 | |
| | --- | --- | --- | 21,100 | --- | 26,000 | 33,000 | --- | --- | --- | --- | --- | 26,700 | |
| | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5,981 3 | |
| TOTAL | --- | --- | 28,000 | 33,625 | 37,575 | 39,000 | 43,993 | 49,999 | 53,000 | 64,067 | --- | --- | 40,000 | |
| | --- | 30,483 | 24,400 | 29,778 | 32,080 | 32,134 | 38,134 | 39,500 | 45,999 | 46,000 | 17,000 | --- | 32,257 | |
| | --- | --- | 20,750 | 26,375 | 26,875 | 26,500 | 27,745 | 35,500 | 30,000 | 21,500 | --- | --- | 26,000 | |
| | --- | 30,483 | 24,885 | 29,823 | 32,837 | 34,099 | 36,781 | 42,667 | 42,185 | 43,427 | 17,000 | --- | 33,910 | |
| | 0 | 2 | 5,214 13 | 7,029 34 | 9,967 20 | 8,347 19 | 9,425 16 | 12,500 12 | 13,242 12 | 22,212 5 | --- | 1 | 11,145 134 | |

Table 3.1.3

SALARIES of FULL-TIME EMPLOYED Ph.D. CHEMISTS IN GOVERNMENT
by WORK FUNCTION and YEARS SINCE BS
1984 Survey of ACS Members

| WORK FUNCTION | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|-----------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Mgt-R&D | --- | --- | --- | --- | 53,500 | 53,500 | 57,750 | 64,500 | 66,150 | 65,000 | --- | 60,000 | - 75th %ile |
| | --- | --- | 30,100 | 39,000 | 50,313 | 43,000 | 55,500 | 56,000 | 60,852 | 60,000 | 59,000 | 53,000 | - 50th %ile |
| | --- | --- | --- | --- | 43,750 | 42,100 | 49,250 | 47,094 | 49,250 | 51,500 | --- | 43,000 | - 25th %ile |
| | --- | --- | 30,100 | 39,000 | 48,938 | 47,735 | 53,369 | 55,336 | 58,330 | 58,282 | 59,000 | 52,461 | - Mean |
| | --- | --- | --- | 1,414 | 5,529 | 8,282 | 7,103 | 9,288 | 10,857 | 6,580 | --- | 9,334 | - Std Dev |
| | 0 | 0 | 1 | 2 | 6 | 13 | 10 | 12 | 5 | 9 | 1 | 59 | - Count |
| Basic Research | --- | --- | 35,100 | 40,050 | 41,000 | 48,825 | 48,500 | 60,750 | 59,550 | 60,000 | --- | 49,842 | |
| | --- | --- | 32,700 | 38,300 | 39,000 | 42,000 | 44,304 | 50,650 | 52,500 | 50,000 | 44,100 | 42,500 | |
| | --- | --- | 30,750 | 32,721 | 33,400 | 34,750 | 41,513 | 45,375 | 41,875 | 47,716 | --- | 36,000 | |
| | --- | --- | 32,651 | 37,574 | 37,967 | 42,691 | 44,288 | 52,636 | 50,741 | 53,595 | 44,100 | 43,466 | |
| | --- | --- | 3,412 | 7,252 | 5,332 | 8,916 | 6,563 | 8,771 | 10,380 | 7,110 | --- | 9,759 | |
| | 0 | 0 | 14 | 17 | 21 | 30 | 26 | 18 | 14 | 10 | 1 | 151 | |
| Applied R&D | --- | --- | 39,875 | 41,000 | 41,000 | 47,500 | 53,000 | 50,807 | 53,000 | 63,000 | 66,000 | 49,000 | |
| | --- | --- | 30,450 | 38,562 | 36,152 | 42,200 | 43,000 | 45,000 | 41,500 | 61,900 | 47,000 | 41,000 | |
| | --- | --- | 23,350 | 32,428 | 34,500 | 35,984 | 32,127 | 38,750 | 37,125 | 55,538 | 39,200 | 35,000 | |
| | --- | --- | 31,225 | 37,472 | 38,444 | 41,174 | 43,476 | 44,371 | 43,750 | 60,146 | 51,480 | 42,289 | |
| | --- | --- | 9,026 | 6,041 | 5,937 | 7,244 | 11,050 | 7,448 | 7,809 | 4,028 | 14,288 | 9,980 | |
| | 0 | 0 | 4 | 7 | 11 | 9 | 8 | 6 | 6 | 3 | 5 | 59 | |
| Gen Mgt | --- | --- | --- | --- | --- | --- | --- | 55,175 | 42,000 | --- | --- | 50,419 | |
| | --- | --- | --- | 42,500 | 44,750 | 40,350 | 55,000 | 50,769 | 38,400 | 32,500 | --- | 40,700 | |
| | --- | --- | --- | --- | --- | --- | --- | 45,210 | 35,000 | --- | --- | 37,950 | |
| | --- | --- | --- | 42,500 | 44,750 | 40,350 | 55,000 | 50,385 | 38,467 | 32,500 | --- | 43,949 | |
| | --- | --- | --- | 3,536 | 10,253 | 495 | 21,213 | 5,166 | 3,500 | 707 | --- | 9,574 | |
| | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 0 | 17 | |
| Marketing | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | 42,356 | --- | --- | --- | 42,356 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | 42,356 | --- | --- | --- | 42,356 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| Prod & QC | --- | --- | --- | --- | 43,000 | --- | --- | --- | --- | --- | --- | 43,000 | |
| | --- | --- | --- | --- | 43,000 | --- | --- | --- | --- | --- | --- | 43,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Forensic | --- | --- | --- | --- | 41,250 | 26,000 | 45,500 | --- | --- | --- | --- | 38,900 | |
| | --- | --- | --- | --- | 38,029 | 25,000 | 25,700 | 36,990 | 25,000 | 23,200 | --- | 27,380 | |
| | --- | --- | --- | --- | 27,845 | 19,000 | 25,016 | --- | --- | --- | --- | 25,000 | |
| | --- | --- | 27,079 | --- | 36,073 | 23,333 | 32,072 | 36,990 | 25,000 | 23,200 | --- | 31,109 | |
| | --- | --- | 2,940 | --- | 7,000 | 3,786 | 13,293 | 5,671 | --- | --- | --- | 8,753 | |
| | 0 | 0 | 2 | 0 | 6 | 3 | 4 | 2 | 1 | 1 | 0 | 19 | |
| Writing/Editing | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47,000 | --- | 49,500 | |
| | --- | --- | --- | --- | --- | 39,000 | --- | --- | --- | 45,000 | --- | 45,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | 35,000 | --- | 30,500 | |
| | --- | --- | --- | --- | --- | 39,000 | --- | --- | --- | 42,333 | --- | 41,000 | |
| | --- | --- | --- | --- | --- | 18,385 | --- | --- | --- | 6,429 | --- | 10,416 | |
| | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 5 | |
| Data Processing | --- | --- | --- | --- | 39,950 | --- | --- | --- | --- | --- | --- | 39,950 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 39,950 | |
| | --- | --- | --- | --- | 3,606 | --- | --- | --- | --- | --- | --- | 3,606 | |
| | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Consulting | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | 45,000 | --- | --- | 52,769 | --- | 50,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 45,000 | |
| | --- | --- | --- | --- | --- | --- | 45,000 | --- | --- | 52,769 | --- | 50,179 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | 3,916 | --- | --- | 5,271 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | |
| Other | --- | --- | --- | 40,000 | 53,925 | 46,493 | 48,838 | 52,000 | --- | --- | --- | 48,375 | |
| | --- | --- | --- | 37,000 | 44,150 | 41,000 | 44,199 | 48,000 | 52,500 | --- | --- | 42,650 | |
| | --- | --- | 21,000 | 27,000 | 39,325 | 35,000 | 27,375 | 36,369 | --- | --- | --- | 36,527 | |
| | --- | --- | 21,000 | 34,667 | 45,800 | 40,797 | 39,375 | 45,456 | 52,500 | --- | --- | 41,242 | |
| | --- | --- | --- | 6,807 | 7,978 | 6,831 | 12,100 | 8,120 | 3,536 | --- | --- | 9,996 | |
| | 0 | 0 | 1 | 3 | 4 | 5 | 6 | 3 | 2 | 0 | 0 | 24 | |
| No Response | --- | --- | --- | --- | 62,750 | 80,000 | 65,000 | 28,000 | 33,000 | --- | --- | 68,750 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 62,750 | |
| | --- | --- | --- | --- | 62,750 | 80,000 | 65,000 | 28,000 | 33,000 | --- | --- | 31,750 | |
| | --- | --- | --- | --- | 354 | --- | --- | --- | --- | --- | --- | 55,250 | |
| | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 20,287 | |
| TOTAL | --- | --- | 34,200 | 40,000 | 45,000 | 48,750 | 51,250 | 57,000 | 57,875 | 60,250 | 60,000 | 51,000 | |
| | --- | --- | 31,208 | 38,562 | 40,000 | 42,175 | 45,000 | 50,000 | 50,000 | 51,500 | 47,000 | 43,000 | |
| | --- | --- | 29,190 | 32,500 | 36,152 | 36,250 | 39,514 | 44,000 | 38,100 | 47,000 | 40,000 | 37,000 | |
| | --- | --- | 31,240 | 37,679 | 40,934 | 42,839 | 45,130 | 50,212 | 48,216 | 52,056 | 51,500 | 44,190 | |
| | --- | --- | 5,224 | 6,443 | 8,038 | 10,476 | 10,503 | 9,754 | 11,397 | 10,801 | 12,434 | 10,958 | |
| | 0 | 0 | 22 | 31 | 55 | 65 | 58 | 47 | 32 | 30 | 7 | 347 | |

Table 4.1.2

SALARIES OF FULL-TIME EMPLOYED ACADEMIC CHEMISTS
by ACADEMIC RANK and HIGHEST DEGREE
1984 survey of ACS members

| HIGHEST DEGREE | ACADEMIC RANK | | | | | | | TOTAL | |
|----------------|---------------|-----------|-----------|--------|---------|----------|---------|--------|-------------|
| | Professor | Associate | Assistant | Instr. | Non-Fac | Unranked | No Resp | | |
| Bachelors | 47,750 | 32,493 | 40,000 | 48,000 | 28,500 | 33,500 | 40,000 | 35,000 | - 75th %ile |
| | 38,500 | 29,000 | 23,160 | 37,300 | 20,000 | 21,950 | 31,000 | 28,000 | - 50th %ile |
| | 34,500 | 27,496 | 22,500 | 28,750 | 17,182 | 16,314 | 25,688 | 19,100 | - 25th %ile |
| | 40,250 | 29,796 | 28,553 | 38,933 | 22,375 | 23,559 | 33,454 | 28,458 | - Mean |
| | 7,136 | 2,774 | 9,919 | 12,245 | 7,016 | 9,996 | 12,048 | 11,247 | - Std Dev |
| | 4 | 5 | 3 | 6 | 49 | 12 | 48 | 127 | - Count |
| Masters | 38,000 | 33,223 | 32,500 | 29,000 | 27,500 | 30,648 | 40,000 | 34,250 | |
| | 35,000 | 29,700 | 22,500 | 25,000 | 25,000 | 26,098 | 32,392 | 27,693 | |
| | 30,692 | 23,000 | 20,180 | 19,500 | 19,718 | 22,125 | 24,625 | 21,950 | |
| | 36,499 | 29,864 | 26,512 | 24,982 | 23,974 | 25,933 | 34,030 | 29,039 | |
| | 10,575 | 8,123 | 9,695 | 7,509 | 6,418 | 6,393 | 12,435 | 10,230 | |
| | 35 | 26 | 19 | 51 | 39 | 16 | 44 | 230 | |
| Doctorate | 50,000 | 36,000 | 29,000 | 38,350 | 42,850 | 36,500 | 50,000 | 43,125 | |
| | 40,000 | 30,000 | 24,000 | 28,500 | 37,000 | 30,000 | 42,000 | 34,600 | |
| | 33,250 | 26,000 | 21,000 | 21,175 | 27,320 | 24,075 | 35,000 | 27,000 | |
| | 41,855 | 31,762 | 25,928 | 32,189 | 36,043 | 31,379 | 42,909 | 36,149 | |
| | 11,256 | 8,469 | 7,369 | 13,086 | 11,750 | 10,536 | 9,940 | 11,948 | |
| | 701 | 322 | 265 | 50 | 85 | 53 | 86 | 1,562 | |
| No Response | 51,225 | 41,153 | 34,000 | 41,250 | 42,000 | --- | 56,000 | 45,000 | |
| | 40,300 | 29,250 | 26,500 | 29,500 | 37,000 | 32,000 | 36,000 | 34,800 | |
| | 30,990 | 25,000 | 22,125 | 18,500 | 22,700 | --- | 26,000 | 26,000 | |
| | 42,318 | 33,984 | 30,393 | 29,750 | 33,280 | 32,000 | 39,996 | 37,392 | |
| | 14,335 | 11,839 | 13,706 | 12,258 | 10,275 | --- | 15,197 | 14,083 | |
| | 38 | 18 | 14 | 4 | 5 | 1 | 11 | 91 | |
| TOTAL | 49,925 | 36,000 | 29,000 | 36,000 | 37,025 | 35,000 | 45,750 | 42,000 | |
| | 39,915 | 30,000 | 24,000 | 26,000 | 28,000 | 28,300 | 37,500 | 33,000 | |
| | 33,000 | 25,600 | 21,000 | 20,000 | 20,000 | 22,375 | 30,000 | 25,600 | |
| | 41,628 | 31,710 | 26,198 | 29,155 | 29,559 | 29,180 | 38,271 | 34,906 | |
| | 11,414 | 8,588 | 7,948 | 11,415 | 11,482 | 10,120 | 12,196 | 12,154 | |
| | 778 | 371 | 301 | 111 | 178 | 82 | 189 | 2,010 | |

Table 4.1.3

SALARIES OF FULL-TIME EMPLOYED ACADEMIC CHEMISTS
according to ACADEMIC RANK and ACADEMIC ASSIGNMENT
1984 Survey of ACS Members

| ASSIGNMENT | ACADEMIC RANK | | | | | | | TOTAL | |
|-------------------------------------|---------------|-----------|-----------|--------|---------|----------|---------|--------|-------------|
| | Professor | Associate | Assistant | Instr. | Non-Fac | Unranked | No Resp | | |
| More than 50% Teaching | 39,000 | 30,000 | 24,000 | 30,350 | 41,500 | 31,000 | 41,250 | 36,000 | - 75th %ile |
| | 35,000 | 27,000 | 21,100 | 25,000 | 28,000 | 28,000 | 35,000 | 30,000 | - 50th %ile |
| | 30,000 | 24,000 | 19,470 | 20,000 | 24,000 | 22,500 | 25,500 | 24,000 | - 25th %ile |
| | 35,794 | 28,224 | 23,160 | 26,348 | 32,285 | 26,960 | 34,271 | 30,849 | - Mean |
| | 8,819 | 7,890 | 7,167 | 8,346 | 12,520 | 8,027 | 10,622 | 9,745 | - Std Dev |
| | 319 | 175 | 109 | 61 | 17 | 27 | 22 | 730 | - Count |
| 50% Teaching, 50% Research | 52,000 | 35,000 | 29,000 | 46,100 | 36,000 | --- | 55,250 | 48,000 | |
| | 45,000 | 32,000 | 25,000 | 24,430 | 31,000 | 28,750 | 42,144 | 35,530 | |
| | 36,625 | 28,800 | 22,625 | 18,300 | 20,600 | --- | 29,835 | 28,000 | |
| | 45,765 | 33,203 | 27,118 | 32,943 | 30,448 | 28,750 | 45,161 | 38,173 | |
| | 11,259 | 9,037 | 6,876 | 24,182 | 14,048 | 5,303 | 17,822 | 13,869 | |
| | 72 | 23 | 36 | 6 | 7 | 2 | 10 | 156 | |
| 50% Teaching, 50% Administration | 42,875 | 36,375 | 39,945 | 37,750 | --- | 37,250 | 61,500 | 40,000 | |
| | 37,500 | 32,250 | 28,368 | 25,000 | 32,000 | 28,000 | 33,750 | 35,000 | |
| | 35,000 | 26,850 | 23,500 | 23,200 | --- | 11,250 | 26,625 | 28,401 | |
| | 39,233 | 31,711 | 31,052 | 29,380 | 32,000 | 25,500 | 43,020 | 35,951 | |
| | 7,734 | 4,960 | 8,381 | 10,634 | 8,485 | 14,201 | 23,540 | 12,846 | |
| | 24 | 10 | 5 | 5 | 2 | 4 | 10 | 60 | |
| More than 50% Research | 59,000 | 42,000 | 32,500 | 35,250 | 37,000 | 36,675 | 43,250 | 46,000 | |
| | 49,200 | 38,145 | 27,820 | 29,500 | 27,500 | 32,000 | 39,000 | 36,000 | |
| | 41,000 | 32,112 | 24,315 | 24,375 | 20,000 | 22,750 | 33,250 | 27,560 | |
| | 50,438 | 38,530 | 29,009 | 30,257 | 28,814 | 31,480 | 39,205 | 37,606 | |
| | 12,261 | 9,276 | 6,295 | 7,202 | 10,784 | 11,439 | 11,162 | 13,826 | |
| | 127 | 63 | 72 | 14 | 93 | 30 | 22 | 421 | |
| 50% Research, 50% Administration | 52,500 | 48,250 | 61,000 | 42,150 | 42,950 | --- | 45,000 | 49,250 | |
| | 41,500 | 35,000 | 28,000 | 36,500 | 28,500 | 62,950 | 34,000 | 36,200 | |
| | 36,750 | 28,450 | 23,300 | 27,100 | 21,700 | --- | 29,660 | 29,500 | |
| | 46,000 | 36,933 | 37,433 | 35,250 | 31,975 | 62,950 | 37,981 | 39,887 | |
| | 13,672 | 9,734 | 20,544 | 8,292 | 14,725 | 38,254 | 11,952 | 14,943 | |
| | 14 | 6 | 3 | 4 | 8 | 2 | 13 | 50 | |
| More than 50% Administration | 60,125 | 43,500 | 53,000 | 45,000 | 41,750 | 60,000 | 49,500 | 53,250 | |
| | 53,000 | 36,000 | 31,000 | 38,700 | 34,350 | 36,000 | 42,000 | 43,000 | |
| | 46,000 | 30,800 | 26,300 | 31,375 | 21,675 | 26,000 | 35,000 | 33,000 | |
| | 54,033 | 37,851 | 41,420 | 40,411 | 33,451 | 39,545 | 44,684 | 43,751 | |
| | 11,782 | 8,856 | 21,916 | 16,538 | 11,785 | 19,538 | 17,387 | 15,802 | |
| | 54 | 21 | 9 | 10 | 36 | 7 | 25 | 162 | |
| No Response | 53,250 | 37,175 | 30,000 | 46,500 | 44,000 | 44,250 | 48,925 | 48,000 | |
| | 44,000 | 31,150 | 24,500 | 31,000 | 30,500 | 30,382 | 38,310 | 37,000 | |
| | 36,000 | 27,000 | 21,250 | 19,800 | 21,870 | 22,910 | 29,150 | 27,500 | |
| | 45,785 | 32,891 | 27,596 | 35,242 | 33,766 | 34,079 | 39,057 | 38,754 | |
| | 13,007 | 8,244 | 9,417 | 16,751 | 15,295 | 13,228 | 13,987 | 14,198 | |
| | 287 | 98 | 88 | 29 | 54 | 28 | 134 | 718 | |
| TOTAL | 50,072 | 36,000 | 30,000 | 36,500 | 40,000 | 36,000 | 48,000 | 44,000 | |
| | 41,000 | 30,000 | 24,000 | 28,000 | 30,000 | 30,000 | 38,000 | 34,000 | |
| | 34,000 | 25,848 | 21,000 | 21,000 | 21,000 | 23,250 | 30,000 | 26,000 | |
| | 43,214 | 32,038 | 26,889 | 30,562 | 31,286 | 31,887 | 39,588 | 36,296 | |
| | 12,747 | 9,137 | 9,155 | 12,982 | 12,608 | 13,446 | 14,527 | 13,552 | |
| | 897 | 396 | 322 | 129 | 217 | 100 | 236 | 2,297 | |

Table 4.2.1

SALARIES OF FULL-TIME EMPLOYED PhD INSTRUCTORS OR OTHER NON-TENURE TRACK RANK
according to YEARS SINCE BS and SPECIALTY
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|--|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | No Resp | |
| Biochemistry | --- | --- | --- | 23,000 | 41,100 | --- | --- | 80,000 | --- | --- | --- | 26,500 | - 75th %ile |
| | --- | --- | 20,500 | 22,000 | 20,850 | 17,707 | 31,000 | 24,000 | --- | 39,400 | --- | 22,250 | - 50th %ile |
| | --- | --- | --- | 21,000 | 15,600 | --- | --- | 15,000 | --- | --- | --- | 19,500 | - 25th %ile |
| | --- | --- | 20,500 | 22,157 | 25,850 | 17,707 | 31,000 | 39,667 | --- | 39,400 | --- | 27,006 | - Mean |
| | --- | --- | --- | 1,675 | 14,682 | --- | --- | 35,218 | --- | --- | --- | 15,517 | - Std Dev |
| | 0 | 0 | 1 | 7 | 4 | 1 | 1 | 3 | 0 | 1 | 0 | 18 | - Count |
| Agricultural/ food chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 55,350 | |
| | --- | --- | 28,000 | 38,000 | 37,000 | 62,400 | 32,400 | 53,000 | --- | --- | --- | 37,500 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31,300 | |
| | --- | --- | 28,000 | 38,000 | 37,000 | 62,400 | 32,400 | 53,000 | --- | --- | --- | 41,800 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13,161 | |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 6 | |
| Analytical chemistry | --- | --- | --- | --- | 35,900 | --- | --- | --- | --- | --- | --- | 40,000 | |
| | --- | --- | 19,500 | 37,200 | 31,992 | 49,000 | --- | 40,000 | 62,000 | 24,960 | --- | 34,800 | |
| | --- | --- | --- | --- | 28,074 | --- | --- | --- | --- | --- | --- | 25,000 | |
| | --- | --- | 19,500 | 37,200 | 31,988 | 49,000 | --- | 40,000 | 62,000 | 24,960 | --- | 35,691 | |
| | --- | --- | --- | --- | 4,543 | --- | --- | --- | --- | --- | --- | 11,910 | |
| | 0 | 0 | 1 | 1 | 5 | 1 | 0 | 1 | 1 | 1 | 0 | 11 | |
| Environmental chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 37,575 | |
| | --- | --- | --- | 36,050 | 28,000 | --- | --- | --- | --- | --- | --- | 28,900 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30,950 | |
| | --- | --- | --- | 36,050 | 28,000 | --- | --- | --- | --- | --- | --- | 28,225 | |
| | --- | --- | --- | 4,313 | --- | --- | --- | --- | --- | --- | --- | 32,250 | |
| | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 5,059 | |
| Organic chemistry | --- | --- | 33,375 | 36,200 | 32,000 | 42,000 | 34,000 | --- | --- | --- | --- | 35,700 | |
| | --- | --- | 21,050 | 35,000 | 26,000 | 21,500 | 32,000 | 35,400 | --- | 37,506 | --- | 31,000 | |
| | --- | --- | 17,500 | 22,500 | 24,000 | 18,250 | 31,000 | --- | --- | --- | --- | 22,050 | |
| | --- | --- | 23,975 | 30,480 | 27,333 | 27,250 | 32,333 | 35,400 | --- | 37,506 | --- | 29,010 | |
| | --- | --- | 8,919 | 7,379 | 4,163 | 14,080 | 1,528 | --- | --- | --- | --- | 8,276 | |
| | 0 | 0 | 4 | 5 | 3 | 4 | 3 | 1 | 0 | 1 | 0 | 21 | |
| Inorganic chemistry | --- | --- | 21,500 | --- | --- | --- | --- | --- | --- | --- | --- | 30,000 | |
| | --- | --- | 20,000 | 38,700 | 24,150 | 30,000 | --- | 30,000 | --- | --- | --- | 24,150 | |
| | --- | --- | 19,600 | --- | --- | --- | --- | --- | --- | --- | --- | 20,000 | |
| | --- | --- | 20,367 | 38,700 | 24,150 | 30,000 | --- | 30,000 | --- | --- | --- | 26,279 | |
| | --- | --- | 1,002 | --- | --- | --- | --- | --- | --- | --- | --- | 6,993 | |
| | 0 | 0 | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 7 | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | --- | --- | --- | 47,000 | --- | --- | --- | --- | --- | 46,000 | |
| | --- | --- | 21,400 | 24,000 | --- | 36,000 | 38,500 | --- | 60,000 | --- | 45,000 | 36,000 | |
| | --- | --- | --- | --- | --- | 22,000 | --- | --- | --- | --- | --- | 21,700 | |
| | --- | --- | 21,400 | 24,000 | --- | 35,000 | 38,500 | --- | 60,000 | --- | 45,000 | 35,322 | |
| | --- | --- | --- | 7,071 | --- | 12,530 | --- | --- | --- | --- | --- | 13,817 | |
| | 0 | 0 | 1 | 2 | 0 | 3 | 1 | 0 | 1 | 0 | 1 | 9 | |
| Physical chemistry | --- | --- | --- | 35,000 | --- | --- | --- | 52,000 | --- | --- | --- | 44,400 | |
| | --- | --- | 25,250 | 28,000 | 36,900 | 29,000 | 33,000 | 42,000 | 65,820 | --- | --- | 32,000 | |
| | --- | --- | --- | 14,000 | --- | --- | --- | 30,000 | --- | --- | --- | 27,500 | |
| | --- | --- | 25,250 | 25,667 | 36,900 | 29,000 | 33,000 | 41,333 | 65,820 | --- | --- | 34,855 | |
| | --- | --- | 9,546 | 10,693 | 14,001 | --- | --- | 11,015 | --- | --- | --- | 13,926 | |
| | 0 | 0 | 2 | 3 | 2 | 1 | 1 | 3 | 1 | 0 | 0 | 13 | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,000 | 25,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Polymer/ macromolecular chemistry | --- | --- | --- | 64,800 | --- | --- | --- | --- | --- | --- | --- | 58,500 | |
| | --- | --- | --- | 36,000 | 52,200 | --- | --- | --- | --- | --- | 46,000 | 46,000 | |
| | --- | --- | --- | 30,000 | --- | --- | --- | --- | --- | --- | --- | 33,000 | |
| | --- | --- | --- | 43,600 | 52,200 | --- | --- | --- | --- | --- | --- | 45,800 | |
| | --- | --- | --- | 18,603 | --- | --- | --- | --- | --- | --- | --- | 13,672 | |
| | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | |
| Other chemistry | --- | --- | --- | --- | 28,450 | --- | --- | --- | --- | --- | --- | 37,800 | |
| | --- | --- | --- | --- | 28,000 | 26,000 | 51,000 | 22,800 | 47,000 | --- | --- | 28,000 | |
| | --- | --- | --- | --- | 20,875 | --- | --- | --- | --- | --- | --- | 23,900 | |
| | --- | --- | --- | --- | 25,775 | 26,000 | 51,000 | 22,800 | 47,000 | --- | --- | 30,656 | |
| | --- | --- | --- | --- | 4,858 | 1,414 | --- | --- | --- | --- | --- | 10,921 | |
| | 0 | 0 | 0 | 0 | 4 | 2 | 1 | 1 | 1 | 0 | 0 | 9 | |
| TOTAL | --- | --- | 25,550 | 36,200 | 35,350 | 47,250 | 37,375 | 52,000 | 64,865 | 39,400 | 45,750 | 37,430 | |
| | --- | --- | 20,500 | 29,000 | 28,000 | 28,000 | 32,700 | 35,400 | 61,000 | 37,506 | 36,950 | 30,000 | |
| | --- | --- | 19,250 | 22,000 | 24,113 | 21,250 | 31,250 | 24,000 | 50,250 | 24,960 | 25,975 | 22,575 | |
| | --- | --- | 22,838 | 29,972 | 30,163 | 32,436 | 35,363 | 38,564 | 58,705 | 33,955 | 36,225 | 32,236 | |
| | --- | --- | 5,861 | 10,416 | 9,479 | 13,944 | 6,761 | 18,145 | 8,168 | 7,848 | 10,835 | 12,650 | |
| | 0 | 0 | 13 | 25 | 22 | 14 | 8 | 11 | 4 | 3 | 4 | 104 | |

Table 4.2.2

SALARIES OF FULL-TIME EMPLOYED PhD INSTRUCTOR OR OTHER NON-TENURE TRACK RANK according to YEARS SINCE BS and TYPE OF INSTITUTION
1984 Survey of ACS Members

| SCHOOL | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|----------------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Private Doctorate | --- | --- | 32,000 | 37,500 | 46,925 | --- | --- | --- | --- | --- | --- | 46,950 | - 75th %ile |
| | --- | --- | 23,100 | 29,250 | 32,500 | 54,700 | 32,400 | 40,000 | 62,910 | --- | 45,000 | 36,000 | - 50th %ile |
| | --- | --- | 20,500 | 21,250 | 18,000 | --- | --- | --- | --- | --- | --- | 22,125 | - 25th %ile |
| | --- | --- | 25,200 | 32,413 | 32,117 | 54,700 | 32,400 | 40,000 | 62,910 | --- | 45,000 | 36,676 | - Mean |
| | --- | --- | 6,031 | 15,226 | 13,911 | 10,889 | --- | --- | 4,115 | --- | --- | 15,588 | - Std Dev |
| | 0 | 0 | 3 | 8 | 6 | 2 | 1 | 1 | 2 | 0 | 1 | 24 | - Count |
| Private Masters | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | 21,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21,500 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | --- | --- | 21,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21,500 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Private Bachelors | --- | --- | 19,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19,000 |
| | --- | --- | 18,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18,500 |
| | --- | --- | 17,000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17,000 |
| | --- | --- | 18,167 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18,167 |
| | --- | --- | 1,041 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1,041 |
| | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| Private Associate | --- | --- | --- | --- | --- | 25,000 | --- | --- | --- | --- | --- | --- | 25,000 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | --- | --- | --- | --- | --- | 25,000 | --- | --- | --- | --- | --- | --- | 25,000 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Public Doctorate | --- | --- | 34,600 | 36,050 | 36,450 | 34,250 | --- | 59,750 | --- | --- | --- | --- | 38,600 |
| | --- | --- | 24,700 | 29,500 | 31,570 | 25,500 | 34,750 | 47,000 | 54,500 | 39,400 | 37,450 | --- | 31,148 |
| | --- | --- | 20,550 | 23,250 | 25,900 | 18,780 | --- | 21,750 | --- | --- | --- | --- | 24,000 |
| | --- | --- | 26,550 | 29,313 | 32,905 | 26,177 | 34,750 | 44,333 | 54,500 | 39,400 | 37,450 | --- | 33,377 |
| | --- | --- | 7,672 | 7,510 | 9,148 | 8,034 | 5,303 | 23,175 | 10,607 | --- | 12,092 | --- | 12,721 |
| | 0 | 0 | 4 | 16 | 8 | 4 | 2 | 6 | 2 | 1 | 2 | 45 | |
| Public Masters | --- | --- | --- | --- | --- | 49,000 | --- | --- | --- | --- | --- | --- | 48,500 |
| | --- | --- | 19,550 | --- | --- | 48,000 | --- | --- | --- | --- | --- | --- | 19,600 |
| | --- | --- | --- | --- | --- | 18,000 | --- | --- | --- | --- | --- | --- | 18,750 |
| | --- | --- | 19,550 | --- | --- | 38,333 | --- | --- | --- | --- | --- | --- | 30,820 |
| | --- | --- | 71 | --- | --- | 17,616 | --- | --- | --- | --- | --- | --- | 16,156 |
| | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | |
| Public Bachelors | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 51,000 |
| | --- | --- | --- | 21,000 | --- | --- | 51,000 | 30,000 | --- | --- | --- | --- | 30,000 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21,000 |
| | --- | --- | --- | 21,000 | --- | --- | 51,000 | 30,000 | --- | --- | --- | --- | 34,000 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15,395 |
| | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 3 | |
| Public Associate | --- | --- | --- | --- | 28,000 | 29,250 | 33,750 | 35,400 | --- | --- | --- | --- | 32,000 |
| | --- | --- | --- | --- | 26,500 | 25,500 | 32,500 | 30,000 | --- | 31,233 | 25,000 | --- | 27,500 |
| | --- | --- | --- | --- | 24,038 | 20,250 | 31,250 | 22,800 | --- | --- | --- | --- | 24,113 |
| | --- | --- | --- | --- | 25,956 | 25,000 | 32,500 | 29,400 | --- | 31,233 | 25,000 | --- | 27,878 |
| | --- | --- | --- | --- | 3,940 | 4,690 | 1,291 | 6,321 | --- | 8,871 | --- | --- | 4,996 |
| | 0 | 0 | 0 | 0 | 8 | 4 | 4 | 3 | 0 | 2 | 1 | 22 | |
| TOTAL | --- | --- | 25,550 | 36,200 | 35,350 | 47,250 | 37,375 | 52,000 | 64,865 | 39,400 | 45,750 | --- | 37,430 |
| | --- | --- | 20,500 | 29,000 | 28,000 | 28,000 | 32,700 | 35,400 | 61,000 | 37,506 | 36,950 | --- | 30,000 |
| | --- | --- | 19,250 | 22,000 | 24,113 | 21,250 | 31,250 | 24,000 | 50,250 | 24,960 | 25,975 | --- | 22,575 |
| | --- | --- | 22,838 | 29,972 | 30,163 | 32,436 | 35,363 | 38,564 | 58,705 | 33,955 | 36,225 | --- | 32,236 |
| | --- | --- | 5,861 | 10,416 | 9,479 | 13,944 | 6,761 | 18,145 | 8,168 | 7,848 | 10,835 | --- | 12,650 |
| | 0 | 0 | 13 | 25 | 22 | 14 | 8 | 11 | 4 | 3 | 4 | 104 | |

Table 4.2.3

SALARIES OF FULL-TIME EMPLOYED PhD INSTRUCTORS OR OTHER NON-TENURE TRACK RANK according to YEARS SINCE BS and SEX
1984 Survey of ACS Members

| SEX | YEARS SINCE BS | | | | | | | | | | | TOTAL | 75th %-ile | 50th %-ile | 25th %-ile | Mean | Std Dev | Count |
|-------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|------------|------------|------------|--------|---------|-------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | No Resp | | | | | | | |
| Men | --- | --- | 23,100 | 35,500 | 34,500 | 48,000 | 41,625 | 52,250 | 64,865 | --- | --- | 46,000 | 38,003 | 28,900 | 22,950 | 32,284 | 13,050 | 81 |
| | --- | --- | 20,000 | 29,000 | 28,000 | 29,000 | 32,700 | 37,700 | 61,000 | 31,233 | --- | 28,900 | 28,900 | 22,950 | 32,284 | 13,050 | 81 | Count |
| | --- | --- | 19,000 | 22,250 | 24,075 | 24,000 | 31,750 | 23,700 | 50,250 | --- | --- | 25,000 | 22,950 | 32,284 | 13,050 | 81 | Count | |
| | --- | --- | 21,691 | 28,735 | 29,074 | 34,945 | 36,317 | 39,420 | 58,705 | 31,233 | --- | 33,300 | 32,284 | 13,050 | 81 | Count | | |
| | --- | --- | 4,484 | 7,593 | 8,786 | 14,583 | 7,663 | 18,890 | 8,168 | 8,871 | 11,170 | --- | 13,050 | 81 | Count | | | |
| | 0 | 0 | 11 | 17 | 17 | 11 | 6 | 10 | 4 | 2 | 3 | --- | --- | --- | --- | --- | --- | |
| Women | --- | --- | --- | 44,700 | 43,500 | --- | --- | --- | --- | --- | --- | --- | 37,100 | 31,074 | 21,375 | --- | --- | |
| | --- | --- | 29,150 | 22,500 | 31,992 | 19,854 | 32,500 | --- | --- | 39,400 | --- | --- | 31,074 | 21,375 | --- | --- | --- | |
| | --- | --- | --- | 20,650 | 25,174 | --- | --- | --- | --- | --- | --- | --- | 21,375 | --- | --- | --- | --- | |
| | --- | --- | 29,150 | 31,400 | 33,868 | 19,854 | 32,500 | --- | --- | 39,400 | --- | --- | 31,119 | --- | --- | --- | --- | |
| | --- | --- | 10,819 | 17,694 | 11,864 | 3,036 | 2,121 | --- | --- | --- | --- | --- | 12,441 | --- | --- | --- | --- | |
| | 0 | 0 | 2 | 6 | 5 | 2 | 2 | 0 | 0 | 1 | 0 | --- | 18 | --- | --- | --- | --- | |
| No Response | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 40,700 | --- | --- | --- | --- | |
| | --- | --- | --- | 36,200 | --- | 30,000 | --- | 30,000 | --- | --- | 45,000 | --- | 36,000 | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30,000 | --- | --- | --- | --- | |
| | --- | --- | --- | 36,200 | --- | 30,000 | --- | 30,000 | --- | --- | 45,000 | --- | 35,480 | --- | --- | --- | --- | |
| | --- | --- | --- | 283 | --- | --- | --- | --- | --- | --- | --- | --- | 6,161 | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | --- | 5 | --- | --- | --- | --- | |
| TOTAL | --- | --- | 25,550 | 36,200 | 35,350 | 47,250 | 37,375 | 52,000 | 64,865 | 39,400 | 45,750 | 37,430 | 30,000 | 22,575 | 32,236 | 12,650 | 104 | |
| | --- | --- | 20,500 | 29,000 | 28,000 | 28,000 | 32,700 | 35,400 | 61,000 | 37,506 | 36,950 | 30,000 | 22,575 | 32,236 | 12,650 | 104 | | |
| | --- | --- | 19,250 | 22,000 | 24,113 | 21,250 | 31,250 | 24,000 | 50,250 | 24,960 | 25,975 | 22,575 | 32,236 | 12,650 | 104 | | | |
| | --- | --- | 22,838 | 29,972 | 30,163 | 32,436 | 35,363 | 38,564 | 58,705 | 33,955 | 36,225 | 32,236 | 12,650 | 104 | | | | |
| | --- | --- | 5,861 | 10,416 | 9,479 | 13,944 | 6,761 | 18,145 | 8,168 | 7,848 | 10,835 | 12,650 | 104 | | | | | |
| | 0 | 0 | 13 | 25 | 22 | 14 | 8 | 11 | 4 | 3 | 4 | 104 | | | | | | |

Table 4.3.1

SALARIES OF FULL-TIME EMPLOYED PhD ASSISTANT PROFESSORS
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Biochemistry | --- | --- | 32,000 | 30,000 | 31,500 | 35,000 | --- | --- | --- | --- | --- | 32,375 | - 75th %ile |
| | --- | --- | 24,000 | 25,000 | 26,000 | 30,000 | 35,000 | 30,000 | --- | 61,000 | --- | 26,250 | - 50th %ile |
| | --- | --- | 16,000 | 21,000 | 22,195 | 22,500 | --- | --- | --- | --- | --- | 21,700 | - 25th %ile |
| | --- | --- | 24,000 | 25,755 | 27,561 | 28,980 | 35,000 | 30,000 | --- | 61,000 | --- | 27,749 | - Mean |
| | --- | --- | 8,000 | 6,372 | 7,664 | 6,579 | 14,142 | --- | --- | --- | --- | 8,342 | - Std Dev |
| | 0 | 0 | 3 | 23 | 21 | 9 | 2 | 1 | 0 | 1 | 0 | 60 | - Count |
| Agricultural/ food chemistry | --- | --- | --- | 28,800 | 46,500 | --- | --- | --- | --- | --- | --- | 38,250 | |
| | --- | --- | 29,000 | 27,690 | 30,000 | 55,000 | --- | --- | --- | --- | --- | 28,900 | |
| | --- | --- | --- | 25,470 | 27,400 | --- | --- | --- | --- | --- | --- | 27,140 | |
| | --- | --- | 29,000 | 27,320 | 34,633 | 55,000 | --- | --- | --- | --- | --- | 33,020 | |
| | --- | --- | --- | 1,776 | 10,359 | --- | --- | --- | --- | --- | --- | 10,375 | |
| | 0 | 0 | 1 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | |
| Analytical chemistry | --- | --- | 23,305 | 26,375 | 23,975 | --- | --- | --- | --- | --- | --- | 24,000 | |
| | --- | --- | 21,500 | 23,000 | 21,000 | 24,000 | 24,800 | 25,000 | --- | --- | --- | 22,000 | |
| | --- | --- | 19,875 | 20,900 | 19,470 | --- | --- | --- | --- | --- | --- | 20,375 | |
| | --- | --- | 21,860 | 26,010 | 21,577 | 24,000 | 24,800 | 25,000 | --- | --- | --- | 23,430 | |
| | --- | --- | 3,417 | 9,288 | 2,275 | 4,243 | 4,525 | --- | --- | --- | --- | 5,806 | |
| | 0 | 0 | 14 | 10 | 5 | 2 | 2 | 1 | 0 | 0 | 0 | 34 | |
| Environmental chemistry | --- | --- | --- | 34,500 | --- | --- | --- | --- | --- | --- | --- | 37,125 | |
| | --- | --- | 40,000 | 29,500 | 27,500 | 30,000 | --- | --- | --- | --- | --- | 30,000 | |
| | --- | --- | --- | 28,400 | --- | --- | --- | --- | --- | --- | --- | 28,400 | |
| | --- | --- | 40,000 | 30,800 | 27,500 | 30,000 | --- | --- | --- | --- | --- | 31,025 | |
| | --- | --- | --- | 3,544 | 14,142 | --- | --- | --- | --- | --- | --- | 7,014 | |
| | 0 | 0 | 1 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | |
| Organic chemistry | --- | --- | 24,000 | 24,540 | 36,999 | 34,625 | --- | --- | --- | --- | --- | 24,540 | |
| | --- | --- | 21,143 | 23,000 | 23,500 | 23,800 | 23,000 | 17,800 | --- | --- | 27,000 | 23,000 | |
| | --- | --- | 20,000 | 21,100 | 18,440 | 20,415 | --- | --- | --- | --- | --- | 20,625 | |
| | --- | --- | 22,576 | 22,706 | 26,313 | 27,887 | 23,000 | 17,800 | --- | --- | 27,000 | 23,607 | |
| | --- | --- | 4,343 | 2,160 | 10,173 | 12,120 | --- | --- | --- | --- | --- | 5,861 | |
| | 0 | 0 | 15 | 20 | 4 | 6 | 1 | 1 | 0 | 0 | 1 | 48 | |
| Inorganic chemistry | --- | --- | 25,000 | 26,400 | 30,000 | 32,500 | --- | --- | --- | --- | --- | 25,250 | |
| | --- | --- | 23,000 | 24,000 | 22,146 | 24,200 | --- | --- | --- | --- | --- | 23,800 | |
| | --- | --- | 20,500 | 21,750 | 20,000 | 17,000 | --- | --- | --- | --- | --- | 20,665 | |
| | --- | --- | 22,761 | 24,092 | 24,926 | 24,567 | --- | --- | --- | --- | --- | 23,888 | |
| | --- | --- | 2,222 | 3,857 | 5,904 | 7,757 | --- | --- | --- | --- | --- | 4,240 | |
| | 0 | 0 | 15 | 17 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 46 | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | 37,000 | 37,825 | --- | --- | --- | --- | --- | --- | --- | 40,375 | |
| | --- | --- | 29,500 | 36,000 | 74,500 | --- | 22,650 | --- | --- | --- | --- | 36,000 | |
| | --- | --- | 29,000 | 29,000 | --- | --- | --- | --- | --- | --- | --- | 29,125 | |
| | --- | --- | 31,833 | 33,683 | 74,500 | --- | 22,650 | --- | --- | --- | --- | 39,104 | |
| | --- | --- | 4,481 | 7,354 | 21,920 | --- | --- | --- | --- | --- | --- | 18,835 | |
| | 0 | 0 | 3 | 6 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 12 | |
| Physical chemistry | --- | --- | 27,000 | 30,160 | 39,806 | --- | --- | --- | --- | --- | --- | 30,250 | |
| | --- | --- | 21,000 | 25,250 | 30,813 | 27,000 | --- | 26,340 | 48,000 | --- | --- | 24,750 | |
| | --- | --- | 18,375 | 22,250 | 20,300 | --- | --- | --- | --- | --- | --- | 20,925 | |
| | --- | --- | 22,720 | 26,516 | 30,306 | 27,000 | --- | 26,340 | 48,000 | --- | --- | 26,499 | |
| | --- | --- | 5,076 | 6,091 | 10,811 | 2,828 | --- | --- | --- | --- | --- | 7,571 | |
| | 0 | 0 | 10 | 12 | 4 | 2 | 0 | 1 | 1 | 0 | 0 | 30 | |
| Theoretical chemistry | --- | --- | --- | --- | 25,400 | --- | --- | --- | --- | --- | --- | 25,400 | |
| | --- | --- | 24,000 | 21,036 | 23,400 | --- | --- | --- | --- | --- | --- | 22,672 | |
| | --- | --- | --- | --- | 20,200 | --- | --- | --- | --- | --- | --- | 20,000 | |
| | --- | --- | 24,000 | 21,036 | 23,000 | --- | --- | --- | --- | --- | --- | 22,725 | |
| | --- | --- | 5,657 | 2,314 | 2,623 | --- | --- | --- | --- | --- | --- | 3,170 | |
| | 0 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | |
| Polymer/ macromolecular chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28,000 | |
| | --- | --- | 26,700 | 17,575 | --- | --- | --- | --- | --- | --- | --- | 25,400 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17,575 | |
| | --- | --- | 26,700 | 17,575 | --- | --- | --- | --- | --- | --- | --- | 23,658 | |
| | --- | --- | 1,838 | --- | --- | --- | --- | --- | --- | --- | --- | 5,426 | |
| | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| Other chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31,250 | |
| | --- | --- | 26,000 | 22,520 | 23,000 | --- | 19,700 | --- | 22,333 | 32,500 | 33,000 | 23,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22,000 | |
| | --- | --- | 26,000 | 22,520 | 23,000 | --- | 19,700 | --- | 22,333 | 32,500 | 33,000 | 25,286 | |
| | --- | --- | 5,657 | 735 | --- | --- | --- | --- | --- | --- | --- | 5,069 | |
| | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 9 | |
| TOTAL | --- | --- | 25,300 | 28,000 | 31,750 | 32,875 | 28,000 | 29,085 | 35,167 | 46,750 | 30,000 | 29,000 | |
| | --- | --- | 23,000 | 24,000 | 24,000 | 26,000 | 23,000 | 25,670 | --- | --- | --- | 24,000 | |
| | --- | --- | 20,000 | 21,550 | 20,600 | 22,250 | 21,600 | 19,600 | --- | --- | --- | 21,000 | |
| | --- | --- | 23,576 | 25,481 | 28,343 | 28,702 | 26,421 | 24,785 | 35,167 | 46,750 | 30,000 | 26,168 | |
| | --- | --- | 4,828 | 5,985 | 12,069 | 9,386 | 8,603 | 5,114 | 18,149 | 20,153 | 4,243 | 8,339 | |
| | 0 | 0 | 68 | 101 | 56 | 24 | 7 | 4 | 2 | 2 | 2 | 266 | |

Table 4.3.2

SALARIES OF FULL-TIME EMPLOYED PhD ASSISTANT PROFESSORS
by TYPE OF INSTITUTION and YEARS SINCE BS
1984 Survey of ACS Members

| SCHOOL | YEARS SINCE BS | | | | | | | | | | TOTAL | | | |
|-----------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | No Resp | |
| Private | --- | --- | 30,000 | 35,500 | 33,325 | 34,131 | --- | --- | --- | --- | --- | --- | 34,000 | - 75th %ile |
| Doctorate | --- | --- | 25,000 | 28,900 | 27,000 | 32,750 | 45,000 | --- | 48,000 | --- | --- | --- | 28,000 | - 50th %ile |
| | --- | --- | 24,000 | 25,000 | 21,750 | 22,750 | --- | --- | --- | --- | --- | --- | 24,125 | - 25th %ile |
| | --- | --- | 26,520 | 30,185 | 28,939 | 30,170 | 45,000 | --- | 48,000 | --- | --- | --- | 29,517 | - Mean |
| | --- | --- | 4,721 | 6,386 | 8,207 | 6,223 | --- | --- | --- | --- | --- | --- | 7,128 | - Std Dev |
| | 0 | 0 | 15 | 21 | 12 | 6 | 1 | 0 | 1 | 0 | 0 | --- | 56 | - Count |
| Private | --- | --- | --- | 30,308 | 34,625 | --- | --- | --- | --- | --- | --- | --- | 27,500 | |
| Masters | --- | --- | 22,000 | 22,000 | 25,723 | --- | 21,600 | --- | --- | --- | --- | --- | 22,000 | |
| | --- | --- | --- | 19,000 | 20,537 | --- | --- | --- | --- | --- | --- | --- | 20,000 | |
| | --- | --- | 22,000 | 24,123 | 26,962 | --- | 21,600 | --- | --- | --- | --- | --- | 24,733 | |
| | --- | --- | --- | 6,500 | 7,468 | --- | --- | --- | --- | --- | --- | --- | 6,126 | |
| | 0 | 0 | 1 | 5 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | --- | 11 | |
| Private | --- | --- | 20,000 | 21,750 | 21,000 | --- | --- | --- | --- | --- | --- | --- | 21,100 | |
| Bachelors | --- | --- | 19,550 | 20,700 | 19,500 | 17,000 | 21,175 | 25,000 | --- | --- | --- | --- | 19,875 | |
| | --- | --- | 18,125 | 18,250 | 19,425 | --- | --- | --- | --- | --- | --- | --- | 18,438 | |
| | --- | --- | 19,047 | 20,347 | 20,954 | 17,000 | 21,175 | 25,000 | --- | --- | --- | --- | 20,147 | |
| | --- | --- | 1,427 | 2,438 | 4,119 | --- | 2,086 | --- | --- | --- | --- | --- | 2,664 | |
| | 0 | 0 | 12 | 19 | 7 | 1 | 2 | 1 | 0 | 0 | 0 | --- | 42 | |
| Private | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Associate | --- | --- | --- | --- | --- | 21,220 | --- | --- | --- | --- | --- | --- | 21,220 | |
| | --- | --- | --- | --- | --- | 21,220 | --- | --- | --- | --- | --- | --- | 21,220 | |
| | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | --- | 1 | |
| Public | --- | --- | 28,500 | 28,200 | 38,750 | 33,500 | --- | --- | --- | --- | --- | --- | 30,000 | |
| Doctorate | --- | --- | 23,320 | 25,000 | 27,400 | 29,000 | 25,000 | 30,000 | 22,333 | 46,750 | 30,000 | --- | 25,000 | |
| | --- | --- | 21,100 | 23,000 | 23,200 | 24,500 | --- | --- | --- | --- | --- | --- | 23,000 | |
| | --- | --- | 24,846 | 26,474 | 32,931 | 30,567 | 25,000 | 30,000 | 22,333 | 46,750 | 30,000 | --- | 28,040 | |
| | --- | --- | 4,635 | 5,391 | 16,692 | 8,919 | --- | --- | --- | 20,153 | 4,243 | --- | 9,704 | |
| | 0 | 0 | 29 | 43 | 21 | 9 | 1 | 1 | 1 | 2 | 2 | --- | 109 | |
| Public | --- | --- | 25,313 | 26,100 | 34,113 | --- | --- | --- | --- | --- | --- | --- | 28,000 | |
| Masters | --- | --- | 24,000 | 22,520 | 23,500 | 41,000 | 28,000 | 26,340 | --- | --- | --- | --- | 24,000 | |
| | --- | --- | 21,500 | 21,250 | 18,513 | --- | --- | --- | --- | --- | --- | --- | 22,000 | |
| | --- | --- | 23,875 | 23,643 | 25,750 | 41,000 | 28,000 | 26,340 | --- | --- | --- | --- | 25,977 | |
| | --- | --- | 3,081 | 4,162 | 8,713 | 19,799 | --- | --- | --- | --- | --- | --- | 7,950 | |
| | 0 | 0 | 6 | 8 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | --- | 23 | |
| Public | --- | --- | 19,675 | 21,800 | 24,000 | 23,400 | --- | --- | --- | --- | --- | --- | 22,400 | |
| Bachelors | --- | --- | 18,100 | 21,000 | 22,400 | 20,650 | 23,000 | 17,800 | --- | --- | --- | --- | 21,000 | |
| | --- | --- | 16,800 | 20,200 | 21,000 | 18,575 | --- | --- | --- | --- | --- | --- | 19,400 | |
| | --- | --- | 18,210 | 21,000 | 23,592 | 20,875 | 23,000 | 17,800 | --- | --- | --- | --- | 21,109 | |
| | --- | --- | 1,451 | 990 | 4,025 | 2,560 | --- | --- | --- | --- | --- | --- | 3,228 | |
| | 0 | 0 | 5 | 5 | 7 | 4 | 1 | 1 | 0 | 0 | 0 | --- | 23 | |
| Public | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Associate | --- | --- | --- | --- | --- | 29,000 | --- | --- | --- | --- | --- | --- | 29,000 | |
| | --- | --- | --- | --- | --- | 29,000 | --- | --- | --- | --- | --- | --- | 29,000 | |
| | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | --- | 1 | |
| TOTAL | --- | --- | 25,300 | 28,000 | 31,750 | 32,875 | 28,000 | 29,085 | --- | --- | --- | --- | 29,000 | |
| | --- | --- | 23,000 | 24,000 | 24,000 | 26,000 | 23,000 | 25,670 | 35,167 | 46,750 | 30,000 | --- | 24,000 | |
| | --- | --- | 20,000 | 21,550 | 20,600 | 22,250 | 21,600 | 19,600 | --- | --- | --- | --- | 21,000 | |
| | --- | --- | 23,576 | 25,481 | 28,343 | 28,702 | 26,421 | 24,785 | 35,167 | 46,750 | 30,000 | --- | 26,168 | |
| | --- | --- | 4,828 | 5,985 | 12,069 | 9,386 | 8,603 | 5,114 | 18,149 | 20,153 | 4,243 | --- | 8,339 | |
| | 0 | 0 | 68 | 101 | 56 | 24 | 7 | 4 | 2 | 2 | 2 | --- | 266 | |

Table 4.3.3

SALARIES OF FULL-TIME EMPLOYED PHD ASSISTANT PROFESSORS
by SEX and YEARS SINCE BS
1984 Survey of ACS Members

| SEX | YEARS SINCE BS | | | | | | | | | | | TOTAL | | | | |
|-------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|-----|-----|-------------|--------------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >40 | No Resp | | | | | |
| Men | --- | --- | 25,500 | 29,000 | 32,375 | 34,000 | 32,250 | 30,000 | --- | --- | --- | --- | --- | --- | --- | 29,050 - 75th %ile |
| | --- | --- | 23,000 | 24,600 | 24,000 | 28,000 | 23,825 | 26,340 | 48,000 | --- | --- | --- | --- | --- | 27,000 | 24,000 - 50th %ile |
| | --- | --- | 20,250 | 21,900 | 20,625 | 23,450 | 21,125 | 17,800 | --- | --- | --- | --- | --- | --- | --- | 21,000 - 25th %ile |
| | --- | --- | 23,694 | 26,072 | 29,149 | 30,257 | 26,992 | 24,713 | 48,000 | --- | --- | --- | --- | --- | 27,000 | 26,539 - Mean |
| | --- | --- | 5,001 | 6,358 | 13,302 | 9,827 | 9,278 | 6,261 | --- | --- | --- | --- | --- | --- | --- | 8,680 - Std Dev |
| | 0 | 0 | 57 | 83 | 44 | 18 | 6 | 3 | 1 | 0 | 1 | --- | --- | --- | 213 - Count | |
| Women | --- | --- | 25,400 | 24,000 | 30,000 | 27,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,808 |
| | --- | --- | 22,000 | 22,000 | 24,000 | 21,220 | 23,000 | 25,000 | 22,333 | 46,750 | --- | --- | --- | --- | --- | 22,672 |
| | --- | --- | 20,000 | 21,200 | 19,789 | 17,500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20,360 |
| | --- | --- | 22,968 | 22,624 | 25,335 | 22,244 | 23,000 | 25,000 | 22,333 | 46,750 | --- | --- | --- | --- | --- | 24,306 |
| | --- | --- | 3,954 | 2,486 | 5,192 | 5,346 | --- | --- | --- | 20,153 | --- | --- | --- | --- | --- | 6,707 |
| | 0 | 0 | 11 | 17 | 11 | 5 | 1 | 1 | 1 | 2 | 0 | --- | --- | --- | 49 | |
| No Response | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33,000 |
| | --- | --- | --- | 25,000 | 26,000 | 33,000 | --- | --- | --- | --- | --- | --- | --- | --- | 33,000 | 29,500 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25,250 |
| | --- | --- | --- | 25,000 | 26,000 | 33,000 | --- | --- | --- | --- | --- | --- | --- | --- | 33,000 | 29,250 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4,349 |
| | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | --- | --- | --- | 4 | |
| TOTAL | --- | --- | 25,300 | 28,000 | 31,750 | 32,875 | 28,000 | 29,085 | --- | --- | --- | --- | --- | --- | --- | 29,000 |
| | --- | --- | 23,000 | 24,000 | 24,000 | 26,000 | 23,000 | 25,670 | 35,167 | 46,750 | 30,000 | --- | --- | --- | --- | 24,000 |
| | --- | --- | 20,000 | 21,550 | 20,600 | 22,250 | 21,600 | 19,600 | --- | --- | --- | --- | --- | --- | --- | 21,000 |
| | --- | --- | 23,576 | 25,481 | 28,343 | 28,702 | 26,421 | 24,785 | 35,167 | 46,750 | 30,000 | --- | --- | --- | --- | 26,168 |
| | --- | --- | 4,828 | 5,985 | 12,069 | 9,386 | 8,603 | 5,114 | 18,149 | 20,153 | 4,243 | --- | --- | --- | --- | 8,339 |
| | 0 | 0 | 68 | 101 | 56 | 24 | 7 | 4 | 2 | 2 | 2 | --- | --- | --- | 266 | |

Table 4.4.1

SALARIES OF FULL-TIME EMPLOYED PhD ASSOCIATE PROFESSORS
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Biochemistry | --- | --- | --- | 34,750 | 38,700 | 40,000 | 38,775 | 41,000 | 42,000 | 59,000 | --- | 40,000 | - 75th %ile |
| | --- | --- | --- | 29,992 | 36,000 | 37,250 | 35,300 | 32,000 | 39,850 | 31,000 | --- | 36,000 | - 50th %ile |
| | --- | --- | --- | 19,050 | 25,590 | 30,400 | 30,650 | 27,225 | 34,175 | 26,400 | --- | 29,000 | - 25th %ile |
| | --- | --- | --- | 27,388 | 33,326 | 37,637 | 36,186 | 34,150 | 38,675 | 38,800 | --- | 34,715 | - Mean |
| | --- | --- | --- | 8,619 | 7,395 | 8,926 | 7,608 | 9,129 | 4,292 | 17,644 | --- | 8,824 | - Std Dev |
| | 0 | 0 | 0 | 9 | 23 | 20 | 10 | 6 | 4 | 3 | 0 | 75 | - Count |
| Agricultural/ food chemistry | --- | --- | --- | --- | 34,375 | --- | --- | --- | --- | --- | --- | 33,750 | |
| | --- | --- | --- | --- | 31,750 | 32,000 | --- | --- | --- | --- | --- | 32,000 | |
| | --- | --- | --- | --- | 26,650 | --- | --- | --- | --- | --- | --- | 28,100 | |
| | --- | --- | --- | --- | 30,925 | 32,000 | --- | --- | --- | --- | --- | 31,140 | |
| | --- | --- | --- | --- | 4,158 | --- | --- | --- | --- | --- | --- | 3,633 | |
| | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | |
| Analytical chemistry | --- | --- | --- | 41,281 | 36,000 | 30,231 | 40,800 | 44,750 | 33,110 | --- | --- | 38,000 | |
| | --- | --- | 24,000 | 28,500 | 28,000 | 25,050 | 35,450 | 35,250 | 30,492 | 57,750 | 30,000 | 30,000 | |
| | --- | --- | --- | 24,698 | 25,000 | 23,250 | 30,250 | 31,300 | 27,100 | --- | --- | 26,000 | |
| | --- | --- | 24,000 | 30,958 | 30,106 | 27,191 | 36,913 | 37,100 | 30,234 | 57,750 | 30,000 | 32,371 | |
| | --- | --- | --- | 9,110 | 6,612 | 5,964 | 7,945 | 7,267 | 3,310 | 28,638 | --- | 9,838 | |
| | 0 | 0 | 1 | 8 | 15 | 8 | 8 | 4 | 4 | 2 | 1 | 51 | |
| Environmental chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31,584 | |
| | --- | --- | --- | 21,600 | 32,112 | 30,000 | 30,000 | --- | --- | --- | --- | 30,000 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23,700 | |
| | --- | --- | --- | 21,600 | 32,112 | 30,000 | 30,000 | --- | --- | --- | --- | 28,428 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4,660 | |
| | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | |
| Organic chemistry | --- | --- | --- | 31,733 | 31,500 | 31,550 | 34,500 | 38,300 | --- | --- | 37,000 | 33,150 | |
| | --- | --- | --- | 27,500 | 28,400 | 29,000 | 30,000 | 30,000 | 30,000 | --- | 27,000 | 29,000 | |
| | --- | --- | --- | 20,825 | 25,600 | 25,150 | 24,750 | 28,000 | --- | --- | 25,062 | 25,431 | |
| | --- | --- | --- | 26,969 | 29,345 | 29,189 | 30,389 | 32,457 | 30,000 | --- | 29,687 | 29,738 | |
| | --- | --- | --- | 6,304 | 6,703 | 5,040 | 6,721 | 5,011 | --- | --- | 6,407 | 6,139 | |
| | 0 | 0 | 0 | 6 | 22 | 9 | 17 | 7 | 1 | 0 | 3 | 65 | |
| Inorganic chemistry | --- | --- | --- | 31,625 | 26,500 | 32,000 | 36,003 | --- | --- | --- | --- | 31,000 | |
| | --- | --- | 22,000 | 25,550 | 24,000 | 30,000 | 33,000 | 32,000 | 33,200 | --- | 25,000 | 26,250 | |
| | --- | --- | --- | 22,306 | 21,670 | 28,300 | 26,750 | --- | --- | --- | --- | 24,000 | |
| | --- | --- | 22,000 | 26,138 | 24,244 | 31,398 | 32,168 | 32,000 | 33,200 | --- | 25,000 | 27,301 | |
| | --- | --- | --- | 5,709 | 4,955 | 4,700 | 5,079 | --- | --- | --- | --- | 5,878 | |
| | 0 | 0 | 1 | 6 | 23 | 11 | 6 | 1 | 1 | 0 | 1 | 50 | |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | --- | --- | 45,000 | 45,000 | --- | --- | --- | --- | --- | 45,000 | |
| | --- | --- | 25,500 | 25,000 | 40,250 | 38,000 | 51,013 | --- | --- | --- | 35,000 | 39,000 | |
| | --- | --- | --- | --- | 39,000 | 28,000 | --- | --- | --- | --- | --- | 28,000 | |
| | --- | --- | 25,500 | 25,000 | 41,417 | 39,071 | 51,013 | --- | --- | --- | 35,000 | 39,018 | |
| | --- | --- | --- | --- | 3,166 | 12,997 | 5,639 | --- | --- | --- | --- | 11,231 | |
| | 0 | 0 | 1 | 1 | 3 | 7 | 2 | 0 | 0 | 0 | 1 | 15 | |
| Physical chemistry | --- | --- | --- | --- | 33,000 | 34,125 | 31,250 | 31,850 | --- | --- | --- | 34,900 | |
| | --- | --- | --- | 36,150 | 29,000 | 25,000 | 29,000 | 30,000 | --- | 36,000 | 42,000 | 30,000 | |
| | --- | --- | --- | --- | 25,000 | 23,875 | 21,075 | 28,950 | --- | --- | --- | 24,800 | |
| | --- | --- | --- | 36,150 | 31,948 | 30,486 | 27,217 | 30,320 | --- | 36,000 | 42,000 | 31,206 | |
| | --- | --- | --- | 1,909 | 9,915 | 12,854 | 6,023 | 1,642 | --- | 1,414 | --- | 9,556 | |
| | 0 | 0 | 0 | 2 | 11 | 14 | 6 | 5 | 0 | 2 | 1 | 41 | |
| Theoretical chemistry | --- | --- | --- | --- | --- | --- | 33,500 | --- | --- | --- | --- | 41,750 | |
| | --- | --- | --- | 65,000 | 26,000 | --- | 31,000 | --- | --- | --- | --- | 31,000 | |
| | --- | --- | --- | --- | --- | --- | 28,142 | --- | --- | --- | --- | 27,142 | |
| | --- | --- | --- | 65,000 | 26,000 | --- | 30,881 | --- | --- | --- | --- | 35,754 | |
| | --- | --- | --- | --- | --- | --- | 2,771 | --- | --- | --- | --- | 14,618 | |
| | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 6 | |
| Polymer/ macromolecular chemistry | --- | --- | --- | --- | 49,000 | --- | --- | --- | --- | --- | --- | 48,500 | |
| | --- | --- | --- | 31,600 | 38,000 | --- | --- | --- | --- | --- | --- | 36,250 | |
| | --- | --- | --- | --- | 32,250 | --- | --- | --- | --- | --- | --- | 31,200 | |
| | --- | --- | --- | 31,600 | 40,100 | --- | --- | --- | --- | --- | --- | 38,683 | |
| | --- | --- | --- | --- | 8,634 | --- | --- | --- | --- | --- | --- | 8,467 | |
| | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| Other chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42,250 | |
| | --- | --- | --- | 48,500 | 28,000 | 36,000 | 27,850 | --- | --- | 31,735 | --- | 31,735 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27,925 | |
| | --- | --- | --- | 48,500 | 28,000 | 36,000 | 27,850 | --- | --- | 31,735 | --- | 34,417 | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8,549 | |
| | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 5 | |
| TOTAL | --- | --- | 25,500 | 34,475 | 36,000 | 38,750 | 36,000 | 38,000 | 38,775 | 53,625 | 37,000 | 36,000 | |
| --- | --- | 24,000 | 29,996 | 29,000 | 30,500 | 31,000 | 31,700 | 31,700 | 33,076 | 36,000 | 30,000 | 30,000 | |
| --- | --- | --- | 22,000 | 22,200 | 24,550 | 26,925 | 28,000 | 29,000 | 29,500 | 31,184 | 25,062 | 26,000 | |
| --- | --- | 23,833 | 29,911 | 30,342 | 33,009 | 32,972 | 33,222 | 33,884 | 41,954 | 31,580 | 31,905 | 31,905 | |
| --- | --- | 1,756 | 9,992 | 7,838 | 9,622 | 7,815 | 6,214 | 5,258 | 17,521 | 6,569 | 8,839 | 8,839 | |
| | 0 | 0 | 3 | 36 | 109 | 72 | 55 | 23 | 10 | 8 | 7 | 323 | |

Table 4.4.2

SALARIES OF FULL-TIME EMPLOYED PhD ASSOCIATE PROFESSORS
by TYPE OF INSTITUTION and YEARS SINCE BS
1984 Survey of ACS Members

| SCHOOL | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|-----------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Private | --- | --- | --- | 36,375 | 41,000 | 41,000 | 39,925 | --- | 42,000 | --- | 37,000 | 40,000 | - 75th %ile |
| Doctorate | --- | --- | --- | 30,156 | 35,000 | 36,750 | 35,000 | --- | 37,700 | 37,000 | 35,000 | 35,000 | - 50th %ile |
| | --- | --- | --- | 25,150 | 29,000 | 31,725 | 30,000 | --- | 33,000 | --- | 27,000 | 30,000 | - 25th %ile |
| | --- | --- | --- | 30,041 | 35,726 | 38,929 | 35,635 | --- | 37,567 | 37,000 | 33,000 | 35,492 | - Mean |
| | --- | --- | --- | 7,269 | 7,384 | 9,515 | 7,889 | --- | 4,501 | --- | 5,292 | 8,009 | - Std Dev |
| | 0 | 0 | 0 | 10 | 19 | 14 | 12 | 0 | 3 | 1 | 3 | 62 | - Count |
| Private | --- | --- | --- | --- | --- | 29,785 | --- | --- | --- | --- | --- | 30,000 | |
| Masters | --- | --- | --- | --- | 28,000 | 26,400 | 30,000 | --- | --- | 78,000 | --- | 29,500 | |
| | --- | --- | --- | --- | --- | 23,075 | --- | --- | --- | --- | --- | 23,300 | |
| | --- | --- | --- | --- | 28,000 | 26,420 | 30,000 | --- | --- | 78,000 | --- | 34,526 | |
| | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 0 | 0 | 1 | 0 | 19,403 | |
| | | | | | | | | | | | | 7 | |
| Private | --- | --- | --- | 19,500 | 25,750 | 28,019 | 27,250 | 33,400 | --- | --- | --- | 27,925 | |
| Bachelors | --- | --- | --- | 18,500 | 23,250 | 24,550 | 21,089 | 31,000 | --- | --- | --- | 24,000 | |
| | --- | --- | --- | 17,863 | 20,418 | 23,000 | 18,769 | 28,350 | --- | --- | --- | 20,000 | |
| | --- | --- | --- | 18,645 | 23,338 | 25,620 | 22,369 | 32,213 | --- | --- | --- | 24,713 | |
| | --- | --- | --- | 980 | 4,111 | 5,184 | 4,671 | 6,593 | --- | --- | --- | 5,813 | |
| | 0 | 0 | 0 | 5 | 24 | 14 | 4 | 8 | 0 | 0 | 0 | 55 | |
| Private | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Associate | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Public | --- | --- | --- | 39,938 | 40,000 | 40,375 | 38,000 | 38,725 | --- | 53,000 | --- | 39,000 | |
| Doctorate | --- | --- | 23,750 | 33,500 | 34,500 | 32,200 | 32,000 | 36,500 | 37,600 | 33,000 | 33,500 | 33,000 | |
| | --- | --- | --- | 25,000 | 29,227 | 30,000 | 29,000 | 30,000 | --- | 27,550 | --- | 29,414 | |
| | --- | --- | 23,750 | 34,536 | 34,549 | 36,927 | 33,578 | 35,930 | 37,600 | 37,850 | 33,500 | 34,931 | |
| | --- | --- | 2,475 | 12,078 | 7,094 | 11,019 | 5,752 | 6,483 | 6,223 | 14,531 | 12,021 | 8,687 | |
| | 0 | 0 | 2 | 13 | 39 | 22 | 19 | 10 | 2 | 4 | 2 | 113 | |
| Public | --- | --- | --- | --- | 30,559 | 37,500 | 37,000 | --- | --- | --- | --- | 31,000 | |
| Masters | --- | 24,000 | --- | 27,500 | 25,390 | 28,600 | 30,500 | 29,950 | 32,984 | --- | 30,000 | 28,600 | |
| | --- | --- | --- | --- | 23,500 | 25,300 | 26,663 | --- | --- | --- | --- | 25,000 | |
| | --- | 24,000 | --- | 27,500 | 27,866 | 31,000 | 32,992 | 29,950 | 32,984 | --- | 30,000 | 29,859 | |
| | --- | --- | --- | 3,536 | 6,846 | 6,820 | 11,185 | 1,344 | --- | --- | --- | 7,181 | |
| | 0 | 0 | 1 | 2 | 11 | 9 | 6 | 2 | 1 | 0 | 1 | 33 | |
| Public | --- | --- | --- | 36,996 | 26,875 | 35,750 | 35,000 | --- | 32,364 | --- | --- | 31,726 | |
| Bachelors | --- | --- | --- | 25,100 | 26,000 | 28,500 | 30,315 | 29,600 | 29,000 | 34,618 | --- | 28,000 | |
| | --- | --- | --- | 23,300 | 24,013 | 26,450 | 27,500 | --- | 27,100 | --- | --- | 26,000 | |
| | --- | --- | --- | 29,138 | 26,063 | 30,656 | 31,094 | 29,600 | 29,488 | 34,618 | --- | 29,356 | |
| | --- | --- | --- | 8,830 | 2,413 | 5,353 | 4,552 | 2,970 | 2,776 | 4,076 | --- | 4,992 | |
| | 0 | 0 | 0 | 5 | 12 | 9 | 10 | 2 | 4 | 2 | 0 | 44 | |
| Public | --- | --- | --- | --- | 26,500 | --- | 53,000 | --- | --- | --- | --- | 37,750 | |
| Associate | --- | --- | --- | 33,500 | 25,000 | --- | 42,000 | 28,000 | --- | --- | 25,062 | 26,500 | |
| | --- | --- | --- | --- | 22,200 | --- | 24,500 | --- | --- | --- | --- | 24,750 | |
| | --- | --- | --- | 33,500 | 24,567 | --- | 39,833 | 28,000 | --- | --- | 25,062 | 31,085 | |
| | --- | --- | --- | --- | 2,183 | --- | 14,373 | --- | --- | --- | --- | 10,194 | |
| | 0 | 0 | 0 | 1 | 3 | 0 | 3 | 1 | 0 | 0 | 1 | 9 | |
| TOTAL | --- | --- | 25,500 | 34,475 | 36,000 | 38,750 | 36,000 | 38,000 | 38,775 | 53,625 | 37,000 | 36,000 | |
| | --- | --- | 24,000 | 29,996 | 29,000 | 30,500 | 31,000 | 31,700 | 33,076 | 36,000 | 30,000 | 30,000 | |
| | --- | --- | 22,000 | 22,200 | 24,550 | 26,925 | 28,000 | 29,000 | 29,500 | 31,184 | 25,062 | 26,000 | |
| | --- | --- | 23,833 | 29,911 | 30,342 | 33,009 | 32,972 | 33,222 | 33,884 | 41,954 | 31,580 | 31,905 | |
| | --- | --- | 1,756 | 9,992 | 7,838 | 9,622 | 7,815 | 6,214 | 5,258 | 17,521 | 6,569 | 8,839 | |
| | 0 | 0 | 3 | 36 | 109 | 72 | 55 | 23 | 10 | 8 | 7 | 323 | |

Table 4.4.3

SALARIES OF FULL-TIME EMPLOYED PHD ASSOCIATE PROFESSORS
by SEX and YEARS SINCE BS
1984 Survey of ACS Members

| SEX | YEARS SINCE BS | | | | | | | | | | | TOTAL | - 75th %ile | - 50th %ile | - 25th %ile | - Mean | - Std Dev | - Count |
|-------------|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|-------------|-------------|--------|-----------|---------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | No Resp | | | | | | | |
| Men | --- | --- | 25,500 | 34,750 | 36,000 | 39,000 | 37,000 | 34,675 | 35,250 | 68,500 | 39,500 | 36,000 | 30,000 | 26,000 | 32,206 | 8,966 | 268 | |
| | --- | --- | 24,000 | 30,000 | 29,000 | 30,000 | 32,000 | 31,300 | 31,492 | 37,500 | 30,000 | 30,000 | 30,000 | 26,031 | 32,212 | 8,966 | 268 | |
| | --- | --- | 22,000 | 24,500 | 25,000 | 26,975 | 28,350 | 29,175 | 27,700 | 34,000 | 26,031 | 26,000 | 26,031 | 26,031 | 32,212 | 8,966 | 268 | |
| | --- | --- | 23,833 | 30,756 | 30,889 | 32,945 | 33,184 | 33,145 | 32,131 | 48,500 | 32,212 | 32,206 | 32,212 | 32,212 | 32,212 | 8,966 | 268 | |
| | --- | --- | 1,756 | 9,899 | 7,638 | 10,095 | 7,762 | 6,205 | 5,457 | 19,621 | 7,105 | 8,966 | 8,966 | 8,966 | 8,966 | 8,966 | 268 | |
| | 0 | 0 | 3 | 29 | 93 | 62 | 45 | 20 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Women | --- | --- | --- | 33,200 | 29,000 | 38,350 | 30,000 | --- | --- | 35,000 | --- | 33,188 | 28,425 | 23,250 | 28,833 | 7,276 | 40 | |
| | --- | --- | --- | 18,500 | 25,000 | 36,500 | 29,000 | 31,600 | 33,176 | 31,735 | --- | 28,425 | 28,425 | 23,250 | 28,833 | 7,276 | 40 | |
| | --- | --- | --- | 18,250 | 22,200 | 30,713 | 27,523 | --- | --- | 26,400 | --- | 23,250 | 23,250 | 23,250 | 23,250 | 7,276 | 40 | |
| | --- | --- | --- | 24,280 | 26,774 | 34,875 | 28,339 | 31,600 | 33,176 | 31,045 | --- | 28,833 | 28,833 | 23,250 | 28,833 | 7,276 | 40 | |
| | --- | --- | --- | 8,224 | 8,627 | 4,662 | 3,174 | 9,475 | 34 | 4,341 | --- | 7,276 | 7,276 | 23,250 | 28,833 | 7,276 | 40 | |
| | 0 | 0 | 0 | 5 | 15 | 6 | 7 | 2 | 2 | 3 | 0 | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| No Response | --- | --- | --- | --- | --- | 40,099 | 53,000 | --- | --- | --- | --- | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| | --- | --- | --- | 31,738 | 33,000 | 29,000 | 38,200 | 38,000 | 39,850 | --- | --- | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| | --- | --- | --- | --- | --- | 24,500 | 30,629 | --- | --- | --- | --- | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| | --- | --- | --- | 31,738 | 33,000 | 31,200 | 40,610 | 38,000 | 39,850 | --- | --- | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| | --- | --- | --- | 17,165 | --- | 8,447 | 11,379 | --- | 3,041 | --- | 7,071 | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| | 0 | 0 | 0 | 2 | 1 | 4 | 3 | 1 | 2 | 0 | 2 | 42,000 | 35,000 | 26,000 | 34,720 | 8,901 | 15 | |
| TOTAL | --- | --- | 25,500 | 34,475 | 36,000 | 38,750 | 36,000 | 38,000 | 38,775 | 53,625 | 37,000 | 36,000 | 30,000 | 26,000 | 31,905 | 8,839 | 323 | |
| | --- | --- | 24,000 | 29,996 | 29,000 | 30,500 | 31,000 | 31,700 | 33,076 | 36,000 | 30,000 | 30,000 | 30,000 | 26,000 | 31,905 | 8,839 | 323 | |
| | --- | --- | 22,000 | 22,200 | 24,550 | 26,925 | 28,000 | 29,000 | 29,500 | 31,184 | 25,062 | 26,000 | 26,000 | 26,000 | 31,905 | 8,839 | 323 | |
| | --- | --- | 23,833 | 29,911 | 30,342 | 33,009 | 32,972 | 33,222 | 33,884 | 41,954 | 31,580 | 31,905 | 31,905 | 26,000 | 31,905 | 8,839 | 323 | |
| | --- | --- | 1,756 | 9,992 | 7,838 | 9,622 | 7,815 | 6,214 | 5,258 | 17,521 | 6,569 | 8,839 | 8,839 | 26,000 | 31,905 | 8,839 | 323 | |
| | 0 | 0 | 3 | 36 | 109 | 72 | 55 | 23 | 10 | 8 | 7 | 36,000 | 30,000 | 26,000 | 31,905 | 8,839 | 323 | |

Table 4.5.1

SALARIES OF FULL-TIME EMPLOYED PhD PROFESSORS
by WORK SPECIALTY and YEARS SINCE BS
1984 Survey of ACS Members

| SPECIALTY | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL |
|--|----------------|-----|-----|--------|--------|--------|--------|--------|--------|--------|---------|--------------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | |
| Biochemistry | --- | --- | --- | --- | 55,000 | 51,750 | 54,250 | 60,000 | 59,250 | 69,250 | 74,500 | 59,000 - 75th %ile |
| | --- | --- | --- | 56,000 | 37,750 | 44,200 | 45,000 | 50,000 | 50,000 | 60,000 | 50,000 | 49,000 - 50th %ile |
| | --- | --- | --- | --- | 35,755 | 38,125 | 40,000 | 36,000 | 43,940 | 48,000 | 40,500 | 39,750 - 25th %ile |
| | --- | --- | --- | 56,000 | 43,255 | 46,025 | 47,846 | 48,522 | 49,911 | 60,503 | 56,000 | 49,740 - Mean |
| | --- | --- | --- | --- | 10,423 | 13,291 | 13,578 | 14,128 | 10,696 | 16,565 | 17,790 | 14,323 - Std Dev |
| | 0 | 0 | 0 | 1 | 10 | 20 | 30 | 31 | 14 | 18 | 5 | 129 - Count |
| Agricultural/ food chemistry | --- | --- | --- | --- | --- | 57,500 | 49,900 | 59,500 | 56,250 | 55,000 | --- | 53,000 |
| | --- | --- | --- | 36,000 | 41,000 | 49,200 | 43,600 | 54,000 | 50,500 | 33,600 | --- | 44,000 |
| | --- | --- | --- | --- | --- | 34,514 | --- | 44,750 | 44,000 | 40,000 | --- | 41,000 |
| | --- | --- | --- | 36,000 | 41,000 | 47,005 | 44,687 | 52,750 | 50,250 | 45,000 | --- | 46,862 |
| | --- | --- | --- | --- | --- | 11,748 | 4,300 | 7,932 | 6,551 | 8,660 | --- | 7,492 |
| | 0 | 0 | 0 | 1 | 1 | 3 | 7 | 4 | 4 | 3 | 0 | 23 |
| Analytical chemistry | --- | --- | --- | --- | --- | 40,500 | 40,000 | 39,798 | 52,250 | 40,875 | --- | 40,000 |
| | --- | --- | --- | 22,000 | 26,000 | 34,340 | 34,000 | 36,100 | 37,500 | 33,600 | 49,950 | 36,000 |
| | --- | --- | --- | --- | --- | 30,250 | 29,875 | 31,625 | 35,500 | 30,250 | --- | 30,000 |
| | --- | --- | --- | 22,000 | 26,000 | 36,099 | 36,120 | 37,112 | 41,750 | 38,963 | 49,950 | 37,108 |
| | --- | --- | --- | --- | --- | 8,745 | 8,770 | 6,170 | 10,243 | 15,296 | 17,041 | 9,791 |
| | 0 | 0 | 0 | 1 | 1 | 16 | 17 | 14 | 4 | 8 | 2 | 63 |
| Environmental chemistry | --- | --- | --- | --- | --- | 54,675 | 51,848 | 59,000 | --- | 65,000 | --- | 58,000 |
| | --- | --- | --- | --- | 44,000 | 43,700 | 39,500 | 58,000 | 52,000 | 50,000 | --- | 49,130 |
| | --- | --- | --- | --- | --- | 33,175 | 32,250 | 36,000 | --- | 35,000 | --- | 36,000 |
| | --- | --- | --- | --- | 44,000 | 43,850 | 41,522 | 51,900 | 52,000 | 50,000 | --- | 46,862 |
| | --- | --- | --- | --- | 5,657 | 11,344 | 11,623 | 15,748 | --- | 15,000 | --- | 12,593 |
| | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 7 | 1 | 3 | 0 | 23 |
| Organic chemistry | --- | --- | --- | --- | 36,600 | 40,000 | 45,500 | 40,000 | 51,250 | 48,000 | --- | 44,300 |
| | --- | --- | --- | 37,000 | 35,184 | 36,000 | 36,450 | 37,000 | 41,938 | 41,500 | 53,000 | 37,000 |
| | --- | --- | --- | --- | 31,500 | 32,000 | 34,550 | 31,750 | 31,232 | 36,000 | --- | 35,000 |
| | --- | --- | --- | 37,000 | 36,967 | 36,347 | 39,331 | 37,477 | 43,044 | 42,564 | 53,000 | 39,154 |
| | --- | --- | --- | --- | 11,050 | 7,401 | 8,342 | 9,015 | 11,111 | 9,506 | --- | 9,346 |
| | 0 | 0 | 0 | 1 | 13 | 35 | 42 | 43 | 26 | 23 | 1 | 184 |
| Inorganic chemistry | --- | --- | --- | --- | 49,500 | 38,368 | 37,325 | 48,400 | 50,950 | 57,500 | --- | 43,325 |
| | --- | --- | --- | 23,000 | 32,000 | 34,200 | 35,000 | 43,000 | 39,832 | 42,000 | 36,450 | 35,000 |
| | --- | --- | --- | --- | 27,000 | 31,250 | 30,250 | 30,300 | 35,250 | 28,000 | --- | 30,375 |
| | --- | --- | --- | 23,000 | 36,167 | 35,797 | 33,585 | 40,112 | 42,776 | 42,649 | 36,450 | 37,404 |
| | --- | --- | --- | 2,828 | 11,815 | 7,976 | 5,411 | 11,064 | 10,714 | 15,485 | 15,061 | 10,236 |
| | 0 | 0 | 0 | 2 | 3 | 29 | 20 | 17 | 10 | 11 | 2 | 94 |
| Pharmaceutical/ medicinal/ clinical chemistry | --- | --- | --- | --- | --- | 72,000 | 51,000 | 63,000 | 62,500 | 75,500 | --- | 62,000 |
| | --- | --- | --- | --- | 40,000 | 50,000 | 46,334 | 53,000 | 52,500 | 60,000 | 42,214 | 50,000 |
| | --- | --- | --- | --- | --- | 39,000 | 32,167 | 44,750 | 43,250 | 51,000 | --- | 43,250 |
| | --- | --- | --- | --- | 40,000 | 53,667 | 43,167 | 54,100 | 52,750 | 61,333 | 42,214 | 53,003 |
| | --- | --- | --- | --- | 5,657 | 16,803 | 10,546 | 13,320 | 10,012 | 13,937 | 11,011 | 13,595 |
| | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 10 | 4 | 9 | 2 | 34 |
| Physical chemistry | --- | --- | --- | --- | 67,000 | 39,479 | 44,375 | 46,950 | 50,950 | 53,500 | --- | 46,725 |
| | --- | --- | --- | --- | 36,500 | 34,000 | 35,500 | 44,000 | 42,505 | 44,487 | --- | 41,582 |
| | --- | --- | --- | --- | 25,350 | 27,000 | 30,500 | 41,225 | 32,850 | 40,643 | --- | 33,000 |
| | --- | --- | --- | --- | 44,240 | 36,410 | 39,109 | 44,783 | 43,537 | 46,070 | --- | 41,568 |
| | --- | --- | --- | --- | 23,172 | 13,362 | 11,769 | 9,991 | 12,795 | 11,271 | --- | 12,675 |
| | 0 | 0 | 0 | 0 | 5 | 21 | 28 | 24 | 12 | 14 | 0 | 104 |
| Theoretical chemistry | --- | --- | --- | --- | 45,600 | 43,000 | --- | 52,800 | --- | 79,375 | --- | 52,400 |
| | --- | --- | --- | 34,000 | 33,000 | 30,000 | 37,000 | 43,000 | 52,000 | 58,950 | 58,000 | 43,000 |
| | --- | --- | --- | --- | 28,000 | 21,000 | --- | 37,000 | --- | 46,475 | --- | 33,500 |
| | --- | --- | --- | 34,000 | 35,533 | 31,333 | 37,000 | 44,267 | 52,000 | 61,600 | 58,000 | 44,753 |
| | --- | --- | --- | --- | 9,069 | 11,060 | --- | 7,976 | --- | 17,686 | --- | 15,431 |
| | 0 | 0 | 0 | 1 | 3 | 3 | 1 | 3 | 1 | 4 | 1 | 17 |
| Polymer/ macromolecular chemistry | --- | --- | --- | --- | --- | 48,500 | 58,652 | 54,961 | 54,250 | --- | --- | 49,250 |
| | --- | --- | --- | --- | --- | 43,600 | 41,304 | 49,500 | 48,500 | 31,000 | 35,000 | 46,554 |
| | --- | --- | --- | --- | --- | 30,823 | 33,250 | 46,875 | 45,750 | --- | --- | 35,861 |
| | --- | --- | --- | --- | --- | 40,449 | 44,402 | 50,297 | 49,500 | 31,000 | 35,000 | 44,574 |
| | --- | --- | --- | --- | --- | 9,092 | 13,613 | 4,119 | 4,655 | --- | 14,142 | 9,717 |
| | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 6 | 4 | 1 | 2 | 22 |
| Other chemistry | --- | --- | --- | --- | --- | 43,000 | 60,000 | 64,500 | 45,000 | --- | --- | 55,700 |
| | --- | --- | --- | --- | --- | 35,910 | 55,700 | 48,050 | 41,250 | 56,500 | 51,250 | 43,000 |
| | --- | --- | --- | --- | --- | 30,000 | 42,500 | 37,625 | 40,000 | --- | --- | 38,000 |
| | --- | --- | --- | --- | --- | 37,390 | 52,733 | 52,767 | 42,083 | 56,500 | 51,250 | 46,882 |
| | --- | --- | --- | --- | --- | 7,933 | 9,119 | 19,677 | 2,602 | 2,121 | 12,374 | 13,288 |
| | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 6 | 3 | 2 | 2 | 23 |
| TOTAL | --- | --- | --- | 37,000 | 44,750 | 43,000 | 46,250 | 50,000 | 52,000 | 59,724 | 59,000 | 50,000 |
| | --- | --- | --- | 34,000 | 36,000 | 36,000 | 38,994 | 43,000 | 46,000 | 46,950 | 47,100 | 40,000 |
| | --- | --- | --- | 22,000 | 32,271 | 32,000 | 33,000 | 36,000 | 37,000 | 38,000 | 38,450 | 34,000 |
| | --- | --- | --- | 33,000 | 39,611 | 38,414 | 40,589 | 43,990 | 45,486 | 49,180 | 48,278 | 42,703 |
| | --- | --- | --- | 12,138 | 12,132 | 10,761 | 10,937 | 12,453 | 10,661 | 15,434 | 14,581 | 12,593 |
| | 0 | 0 | 0 | 7 | 40 | 146 | 162 | 165 | 83 | 96 | 17 | 716 |

Table 4.5.2

SALARIES OF FULL-TIME EMPLOYED PHD PROFESSORS
by TYPE OF INSTITUTION and YEARS SINCE BS
1984 Survey of ACS Members

| SCHOOL | YEARS SINCE BS | | | | | | | | | | No Resp | TOTAL | |
|-----------|----------------|-----|-----|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | |
| Private | --- | --- | --- | --- | 55,000 | 43,600 | 53,000 | 58,500 | 63,500 | 69,990 | 58,250 | 58,000 | - 75th %ile |
| Doctorate | --- | --- | --- | 45,000 | 38,500 | 38,500 | 45,000 | 47,000 | 52,000 | 54,500 | 50,000 | 48,000 | - 50th %ile |
| | --- | --- | --- | --- | 36,000 | 35,000 | 39,600 | 39,950 | 48,000 | 42,250 | 43,125 | 39,000 | - 25th %ile |
| | --- | --- | --- | 45,000 | 46,769 | 41,728 | 47,367 | 48,348 | 52,584 | 57,952 | 51,063 | 49,699 | - Mean |
| | --- | --- | --- | 15,556 | 15,842 | 11,826 | 12,279 | 12,324 | 10,452 | 16,319 | 9,734 | 13,663 | - Std Dev |
| | 0 | 0 | 0 | 2 | 13 | 15 | 27 | 25 | 19 | 24 | 8 | 133 | - Count |
| Private | --- | --- | --- | --- | --- | 40,000 | 40,675 | 40,250 | 39,188 | 42,000 | --- | 40,000 | |
| Masters | --- | --- | --- | --- | 45,500 | 36,000 | 38,100 | 37,000 | 36,000 | 38,000 | --- | 37,000 | |
| | --- | --- | --- | --- | --- | 34,200 | 34,925 | 32,750 | 29,925 | 30,925 | --- | 32,675 | |
| | --- | --- | --- | --- | 45,500 | 36,733 | 37,900 | 36,530 | 34,845 | 36,770 | --- | 37,109 | |
| | --- | --- | --- | --- | 23,335 | 2,969 | 3,003 | 6,107 | 4,926 | 5,844 | --- | 6,897 | |
| | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 10 | 5 | 5 | 0 | 29 | |
| Private | --- | --- | --- | --- | 37,000 | 31,625 | 36,000 | 37,000 | 39,125 | 38,000 | --- | 36,000 | |
| Bachelors | --- | --- | --- | 21,500 | 28,000 | 27,500 | 30,000 | 30,950 | 30,000 | 30,000 | 37,900 | 30,000 | |
| | --- | --- | --- | --- | 28,000 | 22,811 | 27,125 | 27,625 | 27,250 | 27,000 | --- | 27,000 | |
| | --- | --- | --- | 21,500 | 31,000 | 27,620 | 32,043 | 32,856 | 33,500 | 31,916 | 37,900 | 31,305 | |
| | --- | --- | --- | 707 | 5,196 | 5,353 | 6,127 | 6,139 | 10,039 | 8,368 | --- | 6,968 | |
| | 0 | 0 | 0 | 2 | 3 | 20 | 21 | 28 | 10 | 11 | 1 | 96 | |
| Private | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| Associate | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Public | --- | --- | --- | --- | 44,500 | 51,075 | 50,218 | 56,000 | 55,000 | 59,991 | 66,500 | 54,195 | |
| Doctorate | --- | --- | --- | 36,000 | 40,000 | 41,750 | 43,350 | 49,500 | 50,000 | 52,028 | 52,550 | 46,650 | |
| | --- | --- | --- | --- | 35,456 | 34,829 | 35,550 | 44,000 | 42,500 | 41,625 | 37,950 | 38,700 | |
| | --- | --- | --- | 36,000 | 38,986 | 44,353 | 43,890 | 50,544 | 48,425 | 52,216 | 52,483 | 47,272 | |
| | --- | --- | --- | --- | 6,371 | 11,130 | 11,043 | 11,895 | 8,294 | 12,794 | 18,596 | 11,800 | |
| | 0 | 0 | 0 | 1 | 13 | 62 | 72 | 71 | 37 | 48 | 6 | 310 | |
| Public | --- | --- | --- | --- | 35,092 | 37,100 | 37,136 | 42,000 | 41,758 | 46,150 | --- | 39,296 | |
| Masters | --- | --- | --- | --- | 33,000 | 35,000 | 35,500 | 36,000 | 40,400 | 39,800 | --- | 36,000 | |
| | --- | --- | --- | --- | 28,564 | 32,000 | 31,875 | 32,000 | 35,991 | 36,750 | --- | 32,874 | |
| | --- | --- | --- | --- | 32,062 | 35,184 | 35,342 | 37,910 | 39,822 | 40,900 | --- | 36,395 | |
| | --- | --- | --- | --- | 4,115 | 4,310 | 3,814 | 7,438 | 3,630 | 5,103 | --- | 5,293 | |
| | 0 | 0 | 0 | 0 | 5 | 21 | 20 | 15 | 8 | 4 | 0 | 73 | |
| Public | --- | --- | --- | --- | 35,184 | 39,500 | 38,000 | 41,783 | 46,000 | --- | --- | 38,198 | |
| Bachelors | --- | --- | --- | 25,000 | 30,000 | 32,850 | 36,000 | 36,500 | 40,758 | 30,500 | 34,428 | 35,000 | |
| | --- | --- | --- | --- | 26,000 | 30,150 | 30,000 | 33,500 | 34,000 | --- | --- | 30,000 | |
| | --- | --- | --- | 25,000 | 30,395 | 34,255 | 34,015 | 38,537 | 40,253 | 30,500 | 34,428 | 34,983 | |
| | --- | --- | --- | --- | 4,605 | 5,764 | 4,878 | 8,503 | 6,016 | 3,536 | --- | 6,579 | |
| | 0 | 0 | 0 | 1 | 3 | 20 | 11 | 12 | 3 | 2 | 1 | 53 | |
| Public | --- | --- | --- | --- | --- | 31,500 | 40,000 | 45,250 | --- | --- | --- | 36,250 | |
| Associate | --- | --- | --- | 37,000 | 34,116 | 30,000 | 33,000 | 35,875 | 36,000 | 32,250 | 25,000 | 32,250 | |
| | --- | --- | --- | --- | --- | 26,500 | 25,000 | 27,438 | --- | --- | --- | 26,750 | |
| | --- | --- | --- | 37,000 | 34,116 | 29,200 | 33,000 | 36,188 | 36,000 | 32,250 | 25,000 | 32,653 | |
| | --- | --- | --- | --- | --- | 2,775 | 7,874 | 9,218 | --- | 354 | --- | 6,397 | |
| | 0 | 0 | 0 | 1 | 1 | 5 | 7 | 4 | 1 | 2 | 1 | 22 | |
| TOTAL | --- | --- | --- | 37,000 | 44,750 | 43,000 | 46,250 | 50,000 | 52,000 | 59,724 | 59,000 | 50,000 | |
| | --- | --- | --- | 34,000 | 36,000 | 36,000 | 38,994 | 43,000 | 46,000 | 46,950 | 47,100 | 40,000 | |
| | --- | --- | --- | 22,000 | 32,271 | 32,000 | 33,000 | 36,000 | 37,000 | 38,000 | 38,450 | 34,000 | |
| | --- | --- | --- | 33,000 | 39,611 | 38,414 | 40,589 | 43,990 | 45,486 | 49,180 | 48,278 | 42,703 | |
| | --- | --- | --- | 12,138 | 12,132 | 10,761 | 10,937 | 12,453 | 10,661 | 15,434 | 14,581 | 12,593 | |
| | 0 | 0 | 0 | 7 | 40 | 146 | 162 | 165 | 83 | 96 | 17 | 716 | |

Table 4.5.3

SALARIES OF FULL-TIME EMPLOYED PHD PROFESSORS
by SEX and YEARS SINCE BS
1984 Survey of ACS Members

| SEX | YEARS SINCE BS | | | | | | | | | | TOTAL | - 75th %ile | - 50th %ile | - 25th %ile | - Mean | - Std Dev | - Count |
|-------------|----------------|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-------------|-------------|--------|-----------|---------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | >=40 | | | | | | | |
| Men | --- | --- | --- | 46,500 | 44,750 | 43,000 | 47,875 | 50,000 | 52,000 | 59,241 | 59,000 | 50,000 | 40,000 | 34,000 | 42,897 | 12,397 | 655 |
| | --- | --- | --- | 36,000 | 36,250 | 36,000 | 39,650 | 43,600 | 46,000 | 45,987 | 47,100 | 40,000 | 34,000 | 38,450 | 48,278 | 14,581 | 655 |
| | --- | --- | --- | 28,000 | 33,279 | 32,000 | 33,225 | 36,000 | 36,000 | 38,000 | 38,450 | 34,000 | 34,000 | 38,450 | 48,278 | 14,581 | 655 |
| | --- | --- | --- | 37,000 | 40,011 | 38,635 | 41,162 | 44,041 | 45,372 | 48,933 | 48,278 | 42,897 | 34,000 | 38,450 | 48,278 | 14,581 | 655 |
| | 0 | 0 | 0 | 12,207 | 12,181 | 10,864 | 11,031 | 12,353 | 10,906 | 14,544 | 14,581 | 12,397 | 34,000 | 38,450 | 48,278 | 14,581 | 655 |
| | --- | --- | --- | 5 | 36 | 136 | 148 | 152 | 75 | 86 | 17 | 50,000 | 40,000 | 34,000 | 42,897 | 12,397 | 655 |
| Women | --- | --- | --- | --- | --- | 42,032 | 34,500 | 52,486 | 57,750 | 69,000 | --- | 45,600 | 34,000 | 29,750 | 38,443 | 12,198 | 23 |
| | --- | --- | --- | 25,000 | 32,028 | 32,000 | 29,750 | 44,300 | 46,505 | 32,000 | --- | 34,000 | 29,750 | 41,071 | 41,767 | 23,897 | 23 |
| | --- | --- | --- | --- | --- | 28,500 | 25,500 | 42,175 | 41,071 | 24,300 | --- | 34,000 | 29,750 | 41,071 | 41,767 | 23,897 | 23 |
| | --- | --- | --- | 25,000 | 32,028 | 34,613 | 29,950 | 46,320 | 48,442 | 41,767 | --- | 45,600 | 34,000 | 41,767 | 23,897 | 23 | 23 |
| | 0 | 0 | 0 | --- | --- | 9,447 | 4,849 | 5,850 | 8,954 | 23,897 | 0 | 45,600 | 34,000 | 41,767 | 23,897 | 23 | 23 |
| No Response | --- | --- | --- | --- | 55,000 | 44,500 | 41,500 | 48,000 | 51,700 | 63,000 | --- | 50,650 | 36,350 | 32,000 | 41,924 | 15,711 | 38 |
| | --- | --- | --- | 21,000 | 29,000 | 33,000 | 36,000 | 36,200 | 47,000 | 50,000 | --- | 36,350 | 32,000 | 41,000 | 44,000 | 15,711 | 38 |
| | --- | --- | --- | --- | 28,000 | 29,500 | 31,000 | 33,750 | 35,325 | 44,000 | --- | 32,000 | 29,750 | 41,000 | 44,000 | 15,711 | 38 |
| | --- | --- | --- | 21,000 | 37,333 | 36,200 | 37,089 | 42,100 | 44,675 | 55,385 | --- | 32,000 | 29,750 | 41,000 | 44,000 | 15,711 | 38 |
| | 0 | 0 | 0 | --- | 15,308 | 9,935 | 8,318 | 16,711 | 8,940 | 22,611 | 0 | 50,650 | 36,350 | 32,000 | 41,924 | 15,711 | 38 |
| | --- | --- | --- | 1 | 3 | 5 | 9 | 9 | 4 | 7 | 0 | 50,650 | 36,350 | 32,000 | 41,924 | 15,711 | 38 |
| TOTAL | --- | --- | --- | 37,000 | 44,750 | 43,000 | 46,250 | 50,000 | 52,000 | 59,724 | 59,000 | 50,000 | 40,000 | 34,000 | 42,703 | 12,593 | 716 |
| | --- | --- | --- | 34,000 | 36,000 | 36,000 | 38,994 | 43,000 | 46,000 | 46,950 | 47,100 | 40,000 | 34,000 | 38,450 | 48,278 | 14,581 | 716 |
| | --- | --- | --- | 22,000 | 32,271 | 32,000 | 33,000 | 36,000 | 37,000 | 38,000 | 38,450 | 34,000 | 34,000 | 38,450 | 48,278 | 14,581 | 716 |
| | --- | --- | --- | 35,000 | 39,611 | 38,414 | 40,589 | 43,990 | 45,486 | 49,180 | 48,278 | 42,703 | 34,000 | 38,450 | 48,278 | 14,581 | 716 |
| | 0 | 0 | 0 | 12,138 | 12,132 | 10,761 | 10,937 | 12,453 | 10,661 | 15,434 | 14,581 | 12,593 | 34,000 | 38,450 | 48,278 | 14,581 | 716 |
| | --- | --- | --- | 7 | 40 | 146 | 162 | 165 | 83 | 96 | 17 | 50,000 | 40,000 | 34,000 | 42,703 | 12,593 | 716 |

Table 6.1.0

STIPENDS OF POST-DOCTORAL FELLOWS IN CHEMISTRY
according to TYPE OF INSTITUTION and SPECIALTY
1984 Survey of ACS Members

| SPECIALTY | TYPE OF INSTITUTION | | | | | | | | | TOTAL | |
|--|---|--------------------|----------------------|-------------------|---|--------------------------------------|--------------------------------------|------------------|------------------|-------|--|
| | Private Doctorate | Private Masters | Private Bachelors | Private Assoc. | Public Doctorate | Public Masters | Public Bachelors | Public Assoc. | No Response | | |
| Biochemistry | 17,175 15,900 15,000 16,366 1,924 18 | --- | 40,500 --- | --- | 15,468 15,000 14,000 15,421 3,961 27 | --- | --- | --- | 0 0 0 0 | 0 | 16,450 - 75th %ile 15,000 - 50th %ile 14,260 - 25th %ile 16,336 - Mean 4,893 - Std Dev 46 - Count |
| Agricultural/ food chemistry | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Analytical chemistry | --- | --- | --- | --- | 19,600 15,500 14,800 16,633 2,593 3 | --- | --- | --- | 0 0 0 0 | 0 | 19,650 15,500 13,900 16,520 2,999 5 |
| Environmental chemistry | --- | --- | --- | --- | 18,000 15,180 14,000 15,727 2,055 3 | --- | --- | --- | 0 0 0 0 | 0 | 19,000 15,180 10,650 14,896 4,855 5 |
| Organic chemistry | 15,250 14,040 13,870 14,549 1,100 25 | --- | --- | --- | 16,375 15,000 14,000 16,435 5,986 20 | 13,800 15,000 13,800 15,000 | 23,000 23,000 | --- | 0 0 0 0 | 0 | 16,000 14,500 14,000 15,474 4,112 49 |
| Inorganic chemistry | 16,750 15,250 15,000 16,313 3,305 8 | --- | --- | --- | 16,040 15,000 14,000 15,522 2,496 17 | --- | --- | --- | 0 0 0 0 | 0 | 16,040 15,000 14,000 15,775 2,735 25 |
| Pharmaceutical/ medicinal/ clinical chemistry | 23,575 19,100 14,310 19,323 5,197 6 | --- | --- | --- | 17,000 16,000 15,000 16,000 1,000 5 | --- | --- | --- | 0 0 0 0 | 0 | 22,000 16,200 15,000 17,813 4,113 11 |
| Physical chemistry | 17,000 16,000 15,000 16,318 2,432 11 | --- | --- | --- | 17,500 16,000 15,000 16,200 1,351 5 | 15,600 15,600 | --- | --- | 0 0 0 | 0 | 17,000 16,000 15,000 16,241 2,045 17 |
| Theoretical chemistry | --- | --- | --- | --- | 23,500 --- | --- | --- | --- | --- | --- | 32,500 20,000 14,500 22,333 9,224 3 |
| Polymer/ macromolecular chemistry | --- | --- | --- | --- | 19,600 14,000 14,000 15,867 3,233 3 | --- | --- | --- | 0 0 0 | 0 | 18,200 14,000 14,000 15,400 2,800 4 |
| Other chemistry | --- | --- | --- | --- | 23,500 19,000 18,400 20,300 2,787 3 | --- | --- | --- | --- | --- | 22,375 18,700 14,838 18,638 4,029 4 |
| TOTAL | 16,800 15,000 14,040 15,892 2,906 75 | --- | 40,500 --- | --- | 16,875 15,000 14,000 16,165 4,294 88 | --- | 14,700 15,000 15,000 23,000 | --- | 0 0 0 0 | 0 | 16,800 15,000 14,000 16,191 4,144 169 |

Table 6.2.0

SALARIES of POST-DOCTORAL FELLOWS IN CHEMISTRY
by TYPE OF INSTITUTION and YEARS SINCE BS
1984 Survey of ACS Members

| TYPE OF INSTITUTION | YEARS SINCE BS | | | | | | | | | | TOTAL | | |
|---------------------|----------------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-------|---------|--------|
| | 0-1 | 2-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | ≥40 | | No Resp | |
| Doctorate | --- | --- | 16,000 | 17,000 | 19,675 | 32,125 | --- | --- | --- | --- | --- | 19,000 | 16,800 |
| | --- | 22,000 | 15,000 | 15,250 | 16,100 | 13,750 | --- | --- | --- | --- | --- | 15,500 | 15,000 |
| | --- | --- | 14,000 | 14,245 | 14,750 | 9,025 | --- | --- | --- | --- | --- | 14,250 | 14,000 |
| | --- | 22,000 | 15,651 | 16,155 | 17,898 | 18,300 | --- | 15,000 | --- | --- | --- | 16,250 | 16,039 |
| | --- | --- | 3,122 | 2,685 | 5,729 | 13,453 | --- | --- | --- | --- | --- | 2,630 | 3,712 |
| | 0 | 1 | 99 | 44 | 10 | 4 | 0 | 1 | 0 | 0 | 4 | 4 | 163 |
| Non-Doctorate | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27,375 |
| | --- | --- | 15,000 | 14,800 | 13,800 | --- | 23,000 | 40,500 | --- | --- | --- | --- | 15,300 |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13,950 |
| | --- | --- | 15,000 | 14,800 | 13,800 | --- | 23,000 | 40,500 | --- | --- | --- | --- | 20,317 |
| | --- | --- | --- | 1,131 | --- | --- | --- | --- | --- | --- | --- | --- | 10,464 |
| | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| TOTAL | --- | --- | 16,000 | 17,000 | 18,900 | 32,125 | --- | --- | --- | --- | --- | 19,000 | 16,800 |
| | --- | 22,000 | 15,000 | 15,250 | 16,000 | 13,750 | 23,000 | 27,750 | --- | --- | --- | 15,500 | 15,000 |
| | --- | --- | 14,000 | 14,160 | 14,000 | 9,025 | --- | --- | --- | --- | --- | 14,250 | 14,000 |
| | --- | 22,000 | 15,644 | 16,096 | 17,525 | 18,300 | 23,000 | 27,750 | --- | --- | --- | 16,250 | 16,191 |
| | --- | --- | 3,107 | 2,645 | 5,574 | 13,453 | --- | 18,031 | --- | --- | --- | 2,630 | 4,144 |
| | 0 | 1 | 100 | 46 | 11 | 4 | 1 | 2 | 0 | 0 | 4 | 4 | 169 |

Table 7.1.0

EMPLOYMENT STATUS OF RESPONDENTS
by WORK FIELDS
1984 Survey of ACS Members

| EMPLOYMENT STATUS | WORK FIELD | | | | TOTAL | |
|-------------------------------------|-------------------------|--------------------------|-----------------------|----------------------|----------------------------|----------------------------------|
| | Chemical Engineering | Chem- istry | Bio- chemical | No Response | | |
| Postdoctoral or Other Fellowship | 7 2.7% 0.7% | 249 95.0% 2.8% | 6 2.3% 0.7% | 0 0.0% 0.0% | 262 100.0% 2.5% | -Count -% of Row -% of Col |
| Employed Full-time | 859 8.8% 91.8% | 8,075 82.7% 91.9% | 746 7.6% 90.4% | 79 0.8% 81.4% | 9,759 100.0% 91.7% | |
| Unemployed Seeking | 27 13.7% 2.9% | 145 73.6% 1.7% | 20 10.2% 2.4% | 5 2.5% 5.2% | 197 100.0% 1.9% | |
| Unemployed Not Seeking | 13 12.5% 1.4% | 76 73.1% 0.9% | 11 10.6% 1.3% | 4 3.8% 4.1% | 104 100.0% 1.0% | |
| Employed Part-time | 14 7.3% 1.5% | 149 77.2% 1.7% | 29 15.0% 3.5% | 1 0.5% 1.0% | 193 100.0% 1.8% | |
| No Response | 16 12.4% 1.7% | 92 71.3% 1.0% | 13 10.1% 1.6% | 8 6.2% 8.2% | 129 100.0% 1.2% | |
| TOTAL | 936 8.8% 100.0% | 8,786 82.5% 100.0% | 825 7.8% 100.0% | 97 0.9% 100.0% | 10,644 100.0% 100.0% | |

Table 8.1.0

EMPLOYMENT STATUS OF CHEMISTS
by HIGHEST DEGREE
1984 Survey of ACS Members

HIGHEST DEGREE

| EMPLOYMENT STATUS | HIGHEST DEGREE | | | | TOTAL | |
|-------------------------------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| Postdoctoral or Other Fellowship | 11 | 4 | 230 | 4 | 249 | -Count |
| | 4.4% | 1.6% | 92.4% | 1.6% | 100.0% | -% of Row |
| | 0.5% | 0.3% | 4.8% | 1.4% | 2.8% | -% of Col |
| Employed Full-time | 2,010 | 1,467 | 4,343 | 255 | 8,075 | |
| | 24.9% | 18.2% | 53.8% | 3.2% | 100.0% | |
| | 93.5% | 92.7% | 90.9% | 92.4% | 91.9% | |
| Unemployed Seeking | 46 | 35 | 58 | 6 | 145 | |
| | 31.7% | 24.1% | 40.0% | 4.1% | 100.0% | |
| | 2.1% | 2.2% | 1.2% | 2.2% | 1.7% | |
| Unemployed Not Seeking | 28 | 24 | 24 | 0 | 76 | |
| | 36.8% | 31.6% | 31.6% | 0.0% | 100.0% | |
| | 1.3% | 1.5% | 0.5% | 0.0% | 0.9% | |
| Employed Part-time | 37 | 33 | 73 | 6 | 149 | |
| | 24.8% | 22.1% | 49.0% | 4.0% | 100.0% | |
| | 1.7% | 2.1% | 1.5% | 2.2% | 1.7% | |
| No Response | 18 | 19 | 50 | 5 | 92 | |
| | 19.6% | 20.7% | 54.3% | 5.4% | 100.0% | |
| | 0.8% | 1.2% | 1.0% | 1.8% | 1.0% | |
| TOTAL | 2,150 | 1,582 | 4,778 | 276 | 8,786 | |
| | 24.5% | 18.0% | 54.4% | 3.1% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 8.1.1

EMPLOYMENT STATUS OF CHEMISTS -MEN Only
by HIGHEST DEGREE
1984 Survey of ACS Members

| EMPLOYMENT STATUS | HIGHEST DEGREE | | | | TOTAL | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-------|--------------------------|
| | Bachelors | Masters | Doctorate | No Response | | |
| Postdoctoral or Other Fellowship | 9 4.5% 0.6% | 3 1.5% 0.2% | 186 92.1% 4.5% | 4 2.0% 1.7% | 202 | -Count 100.0% 2.8% |
| Employed Full-time | 1,530 22.8% 94.2% | 1,145 17.0% 93.8% | 3,821 56.9% 91.8% | 224 3.3% 92.6% | 6,720 | 100.0% 92.7% |
| Unemployed Seeking | 30 26.8% 1.8% | 27 24.1% 2.2% | 49 43.8% 1.2% | 6 5.4% 2.5% | 112 | 100.0% 1.5% |
| Unemployed Not Seeking | 18 36.7% 1.1% | 13 26.5% 1.1% | 18 36.7% 0.4% | 0 0.0% 0.0% | 49 | 100.0% 0.7% |
| Employed Part-time | 22 23.9% 1.4% | 18 19.6% 1.5% | 48 52.2% 1.2% | 4 4.3% 1.7% | 92 | 100.0% 1.3% |
| No Response | 16 21.1% 1.0% | 15 19.7% 1.2% | 41 53.9% 1.0% | 4 5.3% 1.7% | 76 | 100.0% 1.0% |
| TOTAL | 1,625 22.4% 100.0% | 1,221 16.8% 100.0% | 4,163 57.4% 100.0% | 242 3.3% 100.0% | 7,251 | 100.0% 100.0% |

Table 8.1.2

EMPLOYMENT STATUS OF CHEMISTS -WOMEN Only
by HIGHEST DEGREE
1984 Survey of ACS Members

| EMPLOYMENT STATUS | HIGHEST DEGREE | | | | TOTAL | |
|-------------------------------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| Postdoctoral or Other Fellowship | 2 | 1 | 40 | 0 | 43 | -Count |
| | 4.7% | 2.3% | 93.0% | 0.0% | 100.0% | -% of Row |
| | 0.4% | 0.3% | 9.1% | 0.0% | 3.5% | -% of Col |
| Employed Full-time | 425 | 280 | 358 | 18 | 1,081 | |
| | 39.3% | 25.9% | 33.1% | 1.7% | 100.0% | |
| | 90.8% | 88.3% | 81.7% | 90.0% | 87.0% | |
| Unemployed Seeking | 16 | 8 | 8 | 0 | 32 | |
| | 50.0% | 25.0% | 25.0% | 0.0% | 100.0% | |
| | 3.4% | 2.5% | 1.8% | 0.0% | 2.6% | |
| Unemployed Not Seeking | 9 | 10 | 5 | 0 | 24 | |
| | 37.5% | 41.7% | 20.8% | 0.0% | 100.0% | |
| | 1.9% | 3.2% | 1.1% | 0.0% | 1.9% | |
| Employed Part-time | 14 | 15 | 22 | 1 | 52 | |
| | 26.9% | 28.8% | 42.3% | 1.9% | 100.0% | |
| | 3.0% | 4.7% | 5.0% | 5.0% | 4.2% | |
| No Response | 2 | 3 | 5 | 1 | 11 | |
| | 18.2% | 27.3% | 45.5% | 9.1% | 100.0% | |
| | 0.4% | 0.9% | 1.1% | 5.0% | 0.9% | |
| TOTAL | 468 | 317 | 438 | 20 | 1,243 | |
| | 37.7% | 25.5% | 35.2% | 1.6% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 8.2.0
 EMPLOYMENT STATUS OF CHEMISTS
 by AGE LEVEL
 1984 Survey of ACS Members

| EMPLOYMENT STATUS | AGE LEVEL | | | | | | | | | | No Response | TOTAL | |
|-------------------------------------|-----------------------|------------------------|--------------------------|--------------------------|--------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|---------------------------|
| | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | | | >=70 |
| Postdoctoral or Other Fellowship | 3 1.2% 1.6% | 114 45.8% 11.7% | 88 35.3% 6.5% | 22 8.8% 1.7% | 3 1.2% 0.3% | 4 1.6% 0.4% | 1 0.4% 0.1% | 2 0.8% 0.3% | 0 0.0% 0.0% | 0 0.0% 0.0% | 0 0.0% 0.0% | 12 4.8% 2.2% | 249 100.0% 2.8% |
| Employed Full-time | 170 2.1% 90.4% | 816 10.1% 83.6% | 1,228 15.2% 90.0% | 1,209 15.0% 94.6% | 1,136 14.1% 95.9% | 870 10.8% 94.6% | 823 10.2% 96.9% | 705 8.7% 92.0% | 495 6.1% 87.3% | 127 1.6% 84.7% | 2 0.0% 33.3% | 494 6.1% 91.8% | 8,075 100.0% 91.9% |
| Unemployed Seeking | 9 6.2% 4.8% | 20 13.8% 2.0% | 22 15.2% 1.6% | 16 11.0% 1.3% | 13 9.0% 1.1% | 17 11.7% 1.8% | 8 5.5% 0.9% | 20 13.8% 2.6% | 12 8.3% 2.1% | 0 0.0% 0.0% | 0 0.0% 0.0% | 8 5.5% 1.5% | 145 100.0% 1.7% |
| Unemployed Not Seeking | 0 0.0% 0.0% | 8 10.5% 0.8% | 6 7.9% 0.4% | 3 3.9% 0.2% | 4 5.3% 0.3% | 4 5.3% 0.4% | 3 3.9% 0.4% | 14 18.4% 1.8% | 18 23.7% 3.2% | 8 10.5% 5.3% | 1 1.3% 16.7% | 7 9.2% 1.3% | 76 100.0% 0.9% |
| Employed Part-time | 5 3.4% 2.7% | 11 7.4% 1.1% | 13 8.7% 1.0% | 14 9.4% 1.1% | 17 11.4% 1.4% | 16 10.7% 1.7% | 8 5.4% 0.9% | 14 9.4% 1.8% | 29 19.5% 5.1% | 14 9.4% 9.3% | 3 2.0% 50.0% | 5 3.4% 0.9% | 149 100.0% 1.7% |
| No Response | 1 1.1% 0.5% | 7 7.6% 0.7% | 7 7.6% 0.5% | 14 15.2% 1.1% | 11 12.0% 0.9% | 9 9.8% 1.0% | 6 6.5% 0.7% | 11 12.0% 1.4% | 13 14.1% 2.3% | 1 1.1% 0.7% | 0 0.0% 0.0% | 12 13.0% 2.2% | 92 100.0% 1.0% |
| TOTAL | 188 2.1% 100.0% | 976 11.1% 100.0% | 1,364 15.5% 100.0% | 1,278 14.5% 100.0% | 1,184 13.5% 100.0% | 920 10.5% 100.0% | 849 9.7% 100.0% | 766 8.7% 100.0% | 567 6.5% 100.0% | 150 1.7% 100.0% | 6 0.1% 100.0% | 538 6.1% 100.0% | 8,786 100.0% 100.0% |

Table 8.4.0

EMPLOYMENT STATUS OF CHEMISTS
by CITIZENSHIP
1984 Survey of ACS Members

| EMPLOYMENT STATUS | CITIZENSHIP | | | | TOTAL | |
|-------------------------------------|--------------------------|-----------------------|----------------------|---------------------|-------|--------------------------|
| | U.S. Citizen | Permanent Resident | Other | No Response | | |
| Postdoctoral or Other Fellowship | 194 77.9% 2.3% | 23 9.2% 8.7% | 32 12.9% 51.6% | 0 0.0% 0.0% | 249 | -Count 100.0% 2.8% |
| Employed Full-time | 7,815 96.8% 92.4% | 232 2.9% 87.9% | 25 0.3% 40.3% | 3 0.0% 60.0% | 8,075 | 100.0% 91.9% |
| Unemployed Seeking | 138 95.2% 1.6% | 4 2.8% 1.5% | 3 2.1% 4.8% | 0 0.0% 0.0% | 145 | 100.0% 1.7% |
| Unemployed Not Seeking | 76 100.0% 0.9% | 0 0.0% 0.0% | 0 0.0% 0.0% | 0 0.0% 0.0% | 76 | 100.0% 0.9% |
| Employed Part-time | 147 98.7% 1.7% | 2 1.3% 0.8% | 0 0.0% 0.0% | 0 0.0% 0.0% | 149 | 100.0% 1.7% |
| No Response | 85 92.4% 1.0% | 3 3.3% 1.1% | 2 2.2% 3.2% | 2 2.2% 40.0% | 92 | 100.0% 1.0% |
| TOTAL | 8,455 96.2% 100.0% | 264 3.0% 100.0% | 62 0.7% 100.0% | 5 0.1% 100.0% | 8,786 | 100.0% 100.0% |

Table 8.5.0

EMPLOYMENT STATUS OF CHEMISTS
by EMPLOYER TYPE
1984 Survey of ACS Members

| EMPLOYMENT STATUS | EMPLOYER TYPE | | | | | | TOTAL | |
|-------------------------------------|--------------------------|-----------------------|-----------------------|--------------------------|----------------------|-----------------------|---------------------------|----------------------------------|
| | Industry | Government | Other Non-Acad. | College/Univ. | High School | No Response | | |
| Postdoctoral or Other Fellowship | 8 3.2% 0.2% | 21 8.4% 2.7% | 19 7.6% 3.9% | 192 77.1% 8.0% | 0 0.0% 0.0% | 9 3.6% 6.9% | 249 100.0% 2.8% | -Count -% of Row -% of Col |
| Employed Full-time | 4,675 57.9% 95.3% | 720 8.9% 93.3% | 410 5.1% 85.1% | 2,077 25.7% 86.5% | 90 1.1% 92.8% | 103 1.3% 78.6% | 8,075 100.0% 91.9% | |
| Unemployed Seeking | 89 61.4% 1.8% | 2 1.4% 0.3% | 10 6.9% 2.1% | 31 21.4% 1.3% | 2 1.4% 2.1% | 11 7.6% 8.4% | 145 100.0% 1.7% | |
| Unemployed Not Seeking | 46 60.5% 0.9% | 8 10.5% 1.0% | 6 7.9% 1.2% | 12 15.8% 0.5% | 1 1.3% 1.0% | 3 3.9% 2.3% | 76 100.0% 0.9% | |
| Employed Part-time | 42 28.2% 0.9% | 13 8.7% 1.7% | 28 18.8% 5.8% | 61 40.9% 2.5% | 4 2.7% 4.1% | 1 0.7% 0.8% | 149 100.0% 1.7% | |
| No Response | 44 47.8% 0.9% | 8 8.7% 1.0% | 9 9.8% 1.9% | 27 29.3% 1.1% | 0 0.0% 0.0% | 4 4.3% 3.1% | 92 100.0% 1.0% | |
| TOTAL | 4,904 55.8% 100.0% | 772 8.8% 100.0% | 482 5.5% 100.0% | 2,400 27.3% 100.0% | 97 1.1% 100.0% | 131 1.5% 100.0% | 8,786 100.0% 100.0% | |

Table 8.5.1

EMPLOYMENT STATUS OF CHEMISTS
by NON-ACADEMIC EMPLOYER
1984 Survey of ACS Members

| EMPLOYMENT STATUS | NON-ACADEMIC EMPLOYER | | | | | | | | | | | | | | TOTAL | | |
|-------------------------------------|-----------------------|-----------------|-------------|---------------|--------------|--------------|--------------|---------------|--------------|-------------|-----------------|----------------|-------------|----------------|-------------|-------------------|-----------------|
| | Mfg Chemical | Mfg Coatings | Mfg Food | Mfg Metals | Mfg Paper | Mfg Petro | Mfg Pharm | Mfg Rubber | Mfg Other | Non- Mfg | Federal Govt | State Local | Hospital | Non- Profit | | Self- Employed | Other |
| Postdoctoral or Other Fellowship | 2 4.2% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 1 2.1% | 3 6.3% | 0 0.0% | 1 2.1% | 1 2.1% | 20 41.7% | 1 2.1% | 4 8.3% | 14 29.2% | 0 0.0% | 1 2.1% | 48 100.0% |
| Employed Full-time | 1,597 27.5% | 240 4.1% | 183 3.2% | 129 2.2% | 67 1.2% | 272 4.7% | 823 14.2% | 101 1.7% | 917 15.8% | 346 6.0% | 531 9.1% | 189 3.3% | 117 2.0% | 201 3.5% | 58 1.0% | 34 0.6% | 5,805 100.0% |
| Unemployed Seeking | 20 19.8% | 6 5.9% | 4 4.0% | 7 6.9% | 1 1.0% | 7 6.9% | 8 7.9% | 1 1.0% | 22 21.8% | 13 12.9% | 2 2.0% | 0 0.0% | 4 4.0% | 4 4.0% | 1 1.0% | 1 1.0% | 101 100.0% |
| Unemployed Not Seeking | 18 30.0% | 1 1.7% | 4 6.7% | 2 3.3% | 0 0.0% | 5 8.3% | 6 10.0% | 0 0.0% | 8 13.3% | 2 3.3% | 8 13.3% | 0 0.0% | 1 1.7% | 3 5.0% | 1 1.7% | 1 1.7% | 60 100.0% |
| Employed Part-time | 12 14.5% | 4 4.8% | 1 1.2% | 1 1.2% | 0 0.0% | 5 6.0% | 3 3.6% | 1 1.2% | 9 10.8% | 6 7.2% | 9 10.8% | 4 4.8% | 4 4.8% | 4 4.8% | 18 21.7% | 2 2.4% | 83 100.0% |
| No Response | 14 23.0% | 3 4.9% | 0 0.0% | 3 4.9% | 1 1.6% | 4 6.6% | 6 9.8% | 1 1.6% | 9 14.8% | 3 4.9% | 7 11.5% | 1 1.6% | 2 3.3% | 1 1.6% | 5 8.2% | 1 1.6% | 61 100.0% |
| TOTAL | 1,663 27.0% | 254 4.1% | 192 3.1% | 142 2.3% | 69 1.1% | 294 4.6% | 849 13.8% | 104 1.7% | 966 15.7% | 371 6.0% | 577 9.4% | 195 3.2% | 152 2.1% | 227 3.7% | 83 1.3% | 40 0.6% | 6,158 100.0% |

Table 8.5.2

EMPLOYMENT STATUS OF CHEMISTS
by ACADEMIC EMPLOYER
1984 Survey of ACS Members

| EMPLOYMENT STATUS | ACADEMIC EMPLOYER | | | | | | | | | | TOTAL | 192 -Count -% of Row | 192 -Count -% of Col |
|-------------------------------------|------------------------|----------------------|------------------------|----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|----------------------------|----------------------------|
| | Private Doctorate | Private Master | Private Bachelor | Private Assoc. | Public Doctor. | Public Master | Public Bachelor | Public Assoc. | Public Bachelor | Public Assoc. | | | |
| Postdoctoral or Other Fellowship | 83 43.2% 15.3% | 2 1.0% 2.2% | 2 1.0% 0.7% | 0 0.0% 0.0% | 101 52.6% 10.6% | 2 1.0% 1.0% | 1 0.5% 0.6% | 1 0.5% 0.7% | 1 0.5% 0.7% | 1 0.5% 0.7% | 192 100.0% 8.0% | 192 100.0% 8.0% | |
| Employed Full-time | 433 20.8% 79.9% | 84 4.0% 91.3% | 271 13.0% 95.1% | 9 0.4% 90.0% | 799 38.5% 84.0% | 179 8.6% 92.3% | 172 8.3% 95.0% | 130 6.3% 89.7% | 130 6.3% 89.7% | 130 6.3% 89.7% | 2,077 100.0% 86.5% | 2,077 100.0% 86.5% | |
| Unemployed Seeking | 7 22.6% 1.3% | 4 12.9% 4.3% | 2 6.5% 0.7% | 0 0.0% 0.0% | 12 38.7% 1.3% | 3 9.7% 1.5% | 0 0.0% 0.0% | 3 9.7% 2.1% | 3 9.7% 2.1% | 3 9.7% 2.1% | 31 100.0% 1.3% | 31 100.0% 1.3% | |
| Unemployed Not Seeking | 2 16.7% 0.4% | 1 8.3% 1.1% | 1 8.3% 0.4% | 0 0.0% 0.0% | 5 41.7% 0.5% | 2 16.7% 1.0% | 0 0.0% 0.0% | 1 8.3% 0.7% | 1 8.3% 0.7% | 1 8.3% 0.7% | 12 100.0% 0.5% | 12 100.0% 0.5% | |
| Employed Part-time | 12 19.7% 2.2% | 0 0.0% 0.0% | 6 9.8% 2.1% | 1 1.6% 10.0% | 22 36.1% 2.3% | 8 13.1% 4.1% | 5 8.2% 2.8% | 7 11.5% 4.8% | 7 11.5% 4.8% | 7 11.5% 4.8% | 61 100.0% 2.5% | 61 100.0% 2.5% | |
| No Response | 5 18.5% 0.9% | 1 3.7% 1.1% | 3 11.1% 1.1% | 0 0.0% 0.0% | 12 44.4% 1.3% | 0 0.0% 0.0% | 3 11.1% 1.7% | 3 11.1% 2.1% | 3 11.1% 2.1% | 3 11.1% 2.1% | 27 100.0% 1.1% | 27 100.0% 1.1% | |
| TOTAL | 542 22.6% 100.0% | 92 3.8% 100.0% | 285 11.9% 100.0% | 10 0.4% 100.0% | 951 39.6% 100.0% | 194 8.1% 100.0% | 181 7.5% 100.0% | 145 6.0% 100.0% | 145 6.0% 100.0% | 145 6.0% 100.0% | 2,400 100.0% 100.0% | 2,400 100.0% 100.0% | |

Table 8.6.0

EMPLOYMENT STATUS OF CHEMISTS
by NON-ACADEMIC WORK FUNCTION
1984 Survey of ACS Members

NON-ACADEMIC WORK FUNCTION

| EMPLOYMENT STATUS | Mgt R&D | | Applied R&D | | Mgt Non-R&D | | Market- ing | | Prod & QC | | Forensic | | Writing/ Editing | | Data Proc ing | | Consult- ing | | Other | | No Response | | TOTAL | -Count | -% of Row | -% of Col |
|-------------------------------------|---------|--------|-------------|--------|-------------|--------|-------------|--------|-----------|--------|----------|--------|------------------|------|---------------|------|--------------|------|-------|------|-------------|--------|--------|--------|-----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Postdoctoral or Other Fellowship | 0 | 35 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 48 | 100.0% | 0.8% | |
| | 0.0% | 72.9% | 20.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 2.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.2% | 100.0% | 0.0% | | |
| | 0.0% | 3.6% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 2.7% | 0.8% | 0.8% | | |
| Employed Full-time | 978 | 903 | 1,853 | 331 | 355 | 591 | 317 | 72 | 20 | 102 | 214 | 69 | 5,805 | | | | | | | | | 69 | 5,805 | 100.0% | | |
| | 16.8% | 15.6% | 31.9% | 5.7% | 6.1% | 10.2% | 5.5% | 1.2% | 0.3% | 1.8% | 3.7% | 1.2% | 100.0% | | | | | | | | | 1.2% | 100.0% | 100.0% | | |
| | 96.2% | 93.3% | 95.4% | 95.7% | 94.4% | 93.5% | 96.4% | 87.8% | 90.9% | 73.9% | 92.6% | 92.0% | 94.3% | | | | | | | | | 92.0% | 94.3% | 94.3% | | |
| Unemployed Seeking | 14 | 7 | 37 | 5 | 7 | 15 | 3 | 0 | 0 | 5 | 6 | 2 | 101 | | | | | | | | | 2 | 101 | 100.0% | | |
| | 13.9% | 6.9% | 36.6% | 5.0% | 6.9% | 14.9% | 3.0% | 0.0% | 0.0% | 5.0% | 5.9% | 2.0% | 100.0% | | | | | | | | | 2.0% | 100.0% | 100.0% | | |
| | 1.4% | 0.7% | 1.9% | 1.4% | 1.9% | 2.4% | 0.9% | 0.0% | 0.0% | 3.6% | 2.6% | 2.7% | 1.6% | | | | | | | | | 2.7% | 1.6% | 1.6% | | |
| Unemployed Not Seeking | 8 | 11 | 9 | 4 | 6 | 9 | 3 | 5 | 0 | 3 | 2 | 0 | 60 | | | | | | | | | 0 | 60 | 100.0% | | |
| | 13.3% | 18.3% | 15.0% | 6.7% | 10.0% | 15.0% | 5.0% | 8.3% | 0.0% | 5.0% | 3.5% | 0.0% | 100.0% | | | | | | | | | 0.0% | 100.0% | 100.0% | | |
| | 0.8% | 1.1% | 0.5% | 1.2% | 1.6% | 1.4% | 0.9% | 6.1% | 0.0% | 2.2% | 0.9% | 0.0% | 1.0% | | | | | | | | | 0.0% | 1.0% | 1.0% | | |
| Employed Part-time | 8 | 8 | 16 | 3 | 4 | 7 | 2 | 3 | 2 | 25 | 4 | 1 | 83 | | | | | | | | | 1 | 83 | 100.0% | | |
| | 9.6% | 9.6% | 19.3% | 3.6% | 4.8% | 8.4% | 2.4% | 3.6% | 2.4% | 30.1% | 4.8% | 1.2% | 100.0% | | | | | | | | | 1.2% | 100.0% | 100.0% | | |
| | 0.8% | 0.8% | 0.8% | 0.9% | 1.1% | 1.1% | 0.6% | 3.7% | 9.1% | 18.1% | 1.7% | 1.3% | 1.3% | | | | | | | | | 1.3% | 1.3% | 1.3% | | |
| No Response | 9 | 4 | 17 | 3 | 4 | 9 | 4 | 2 | 0 | 3 | 5 | 1 | 61 | | | | | | | | | 1 | 61 | 100.0% | | |
| | 14.8% | 6.6% | 27.9% | 4.9% | 6.6% | 14.8% | 6.6% | 3.3% | 0.0% | 4.9% | 8.2% | 1.6% | 100.0% | | | | | | | | | 1.6% | 100.0% | 100.0% | | |
| | 0.9% | 0.4% | 0.9% | 0.9% | 1.1% | 1.4% | 1.2% | 2.4% | 0.0% | 2.2% | 2.2% | 1.3% | 1.0% | | | | | | | | | 1.3% | 1.0% | 1.0% | | |
| TOTAL | 1,017 | 968 | 1,942 | 346 | 376 | 632 | 329 | 82 | 22 | 138 | 231 | 75 | 6,158 | | | | | | | | | 75 | 6,158 | 100.0% | | |
| | 16.5% | 15.7% | 31.5% | 5.6% | 6.1% | 10.3% | 5.3% | 1.3% | 0.4% | 2.2% | 3.8% | 1.2% | 100.0% | | | | | | | | | 1.2% | 100.0% | 100.0% | | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | | | | | | | | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 8.7.0

EMPLOYMENT STATUS OF CHEMISTS
by WORK SPECIALTY
1984 Survey of ACS Members

WORK SPECIALTY

| EMPLOYMENT STATUS | WORK SPECIALTY | | | | | | | | | | | TOTAL | -Count | -% of Row | -% of Col |
|-------------------------------------|----------------|-------------|------------------|--------------------|----------------|----------------|--------------------|-------------|------------------|-------------------|---------------|-----------------|--------|-----------|-----------|
| | Agri/ Food | Biochem | Analyt- tical | Environ- mental | Organic | In- organic | Pharm/ Med/Clin | Physical | Theoret- ical | Polymer/ Macro | Other Chem | | | | |
| Postdoctoral or Other Fellowship | 64 25.7% | 0 0.0% | 13 5.2% | 8 3.2% | 63 25.3% | 32 12.9% | 19 7.6% | 29 11.6% | 5 2.0% | 9 3.6% | 7 2.8% | 249 100.0% | 2.8% | 2.8% | 2.8% |
| Employed Full-time | 631 7.8% | 375 4.6% | 1,717 21.3% | 523 6.5% | 1,355 16.8% | 548 6.8% | 693 8.6% | 604 7.5% | 52 0.6% | 952 11.8% | 625 7.7% | 8,075 100.0% | 91.0% | 91.0% | 91.9% |
| Unemployed Seeking | 6 4.1% | 5 3.4% | 37 25.5% | 11 7.6% | 22 15.2% | 12 8.3% | 11 7.6% | 10 6.9% | 0 0.0% | 14 9.7% | 17 11.7% | 145 100.0% | 1.7% | 1.7% | 1.7% |
| Unemployed Not Seeking | 5 6.6% | 4 5.3% | 14 18.4% | 4 5.3% | 14 18.4% | 8 10.5% | 9 11.8% | 4 5.3% | 0 0.0% | 5 6.6% | 9 11.8% | 76 100.0% | 0.9% | 0.9% | 0.9% |
| Employed Part-time | 15 10.1% | 7 4.7% | 20 13.4% | 14 9.4% | 23 15.4% | 15 10.1% | 7 4.7% | 13 8.7% | 1 0.7% | 16 10.7% | 18 12.1% | 149 100.0% | 1.7% | 1.7% | 1.7% |
| No Response | 8 8.7% | 0 0.0% | 22 23.9% | 4 4.3% | 21 22.8% | 3 3.3% | 12 13.0% | 5 5.4% | 0 0.0% | 6 6.5% | 11 12.0% | 92 100.0% | 1.6% | 1.6% | 1.0% |
| TOTAL | 729 8.3% | 391 4.5% | 1,823 20.7% | 564 6.4% | 1,498 17.0% | 618 7.0% | 751 8.5% | 665 7.6% | 58 0.7% | 1,002 11.4% | 687 7.8% | 8,786 100.0% | 100.0% | 100.0% | 100.0% |

Table 9.1.0

LENGTH of UNEMPLOYMENT of CHEMISTS UNEMPLOYED on MARCH 1, 1984
by HIGHEST DEGREE
1984 Survey of ACS Members

| MONTHS UNEMPLOYED | HIGHEST DEGREE | | | No Response | TOTAL | |
|-------------------|----------------|---------|-----------|----------------|--------|-----------|
| | Bachelors | Masters | Doctorate | | | |
| 0-1 | 6 | 7 | 10 | 0 | 23 | -Count |
| | 26.1% | 30.4% | 43.5% | 0.0% | 100.0% | -% of Row |
| | 13.0% | 20.0% | 17.2% | 0.0% | 15.9% | -% of Col |
| 2-4 | 13 | 8 | 12 | 1 | 34 | |
| | 38.2% | 23.5% | 35.3% | 2.9% | 100.0% | |
| | 28.3% | 22.9% | 20.7% | 16.7% | 23.4% | |
| 5-7 | 5 | 7 | 12 | 0 | 24 | |
| | 20.8% | 29.2% | 50.0% | 0.0% | 100.0% | |
| | 10.9% | 20.0% | 20.7% | 0.0% | 16.6% | |
| 8-10 | 8 | 3 | 7 | 1 | 19 | |
| | 42.1% | 15.8% | 36.8% | 5.3% | 100.0% | |
| | 17.4% | 8.6% | 12.1% | 16.7% | 13.1% | |
| 11-13 | 3 | 1 | 5 | 2 | 11 | |
| | 27.3% | 9.1% | 45.5% | 18.2% | 100.0% | |
| | 6.5% | 2.9% | 8.6% | 33.3% | 7.6% | |
| 14-18 | 6 | 3 | 4 | 1 | 14 | |
| | 42.9% | 21.4% | 28.6% | 7.1% | 100.0% | |
| | 13.0% | 8.6% | 6.9% | 16.7% | 9.7% | |
| 19-24 | 3 | 2 | 2 | 1 | 8 | |
| | 37.5% | 25.0% | 25.0% | 12.5% | 100.0% | |
| | 6.5% | 5.7% | 3.4% | 16.7% | 5.5% | |
| 25-36 | 2 | 4 | 4 | 0 | 10 | |
| | 20.0% | 40.0% | 40.0% | 0.0% | 100.0% | |
| | 4.3% | 11.4% | 6.9% | 0.0% | 6.9% | |
| ≥37 | 0 | 0 | 2 | 0 | 2 | |
| | 0.0% | 0.0% | 100.0% | 0.0% | 100.0% | |
| | 0.0% | 0.0% | 3.4% | 0.0% | 1.4% | |
| TOTAL | 46 | 35 | 58 | 6 | 145 | |
| | 31.7% | 24.1% | 40.0% | 4.1% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 9.1.1

LENGTH of UNEMPLOYMENT of CHEMISTS UNEMPLOYED on MARCH 1, 1984
by HIGHEST DEGREE - MEN Only
1984 Survey of ACS Members

| MONTHS UNEMPLOYED | HIGHEST DEGREE | | | | TOTAL | |
|-------------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| 0-1 | 5 | 6 | 9 | 0 | 20 | -Count |
| | 25.0% | 30.0% | 45.0% | 0.0% | 100.0% | -% of Row |
| | 16.7% | 22.2% | 18.4% | 0.0% | 17.9% | -% of Col |
| 2-4 | 5 | 6 | 9 | 1 | 21 | |
| | 23.8% | 28.6% | 42.9% | 4.8% | 100.0% | |
| | 16.7% | 22.2% | 18.4% | 16.7% | 18.8% | |
| 5-7 | 3 | 5 | 10 | 0 | 18 | |
| | 16.7% | 27.8% | 55.6% | 0.0% | 100.0% | |
| | 10.0% | 18.5% | 20.4% | 0.0% | 16.1% | |
| 8-10 | 7 | 3 | 5 | 1 | 16 | |
| | 43.8% | 18.8% | 31.3% | 6.3% | 100.0% | |
| | 23.3% | 11.1% | 10.2% | 16.7% | 14.3% | |
| 11-13 | 3 | 0 | 5 | 2 | 10 | |
| | 30.0% | 0.0% | 50.0% | 20.0% | 100.0% | |
| | 10.0% | 0.0% | 10.2% | 33.3% | 8.9% | |
| 14-18 | 4 | 2 | 4 | 1 | 11 | |
| | 36.4% | 18.2% | 36.4% | 9.1% | 100.0% | |
| | 13.3% | 7.4% | 8.2% | 16.7% | 9.8% | |
| 19-24 | 2 | 2 | 2 | 1 | 7 | |
| | 28.6% | 28.6% | 28.6% | 14.3% | 100.0% | |
| | 6.7% | 7.4% | 4.1% | 16.7% | 6.3% | |
| 25-36 | 1 | 3 | 3 | 0 | 7 | |
| | 14.3% | 42.9% | 42.9% | 0.0% | 100.0% | |
| | 3.3% | 11.1% | 6.1% | 0.0% | 6.3% | |
| ≥37 | 0 | 0 | 2 | 0 | 2 | |
| | 0.0% | 0.0% | 100.0% | 0.0% | 100.0% | |
| | 0.0% | 0.0% | 4.1% | 0.0% | 1.8% | |
| TOTAL | 30 | 27 | 49 | 6 | 112 | |
| | 26.8% | 24.1% | 43.8% | 5.4% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 9.1.2

LENGTH of UNEMPLOYMENT of CHEMISTS UNEMPLOYED on MARCH 1, 1984
by HIGHEST DEGREE - WOMEN Only
1984 Survey of ACS Members

| MONTHS UNEMPLOYED | HIGHEST DEGREE | | | | TOTAL | |
|-------------------|-----------------------|----------------------|----------------------|-------------------------|------------------------|----------------------------------|
| | Bachelors | Masters | Doctorate | No Response | | |
| 0-1 | 1 33.3% 6.3% | 1 33.3% 12.5% | 1 33.3% 12.5% | 0 0.0% ***. *% | 3 100.0% 9.4% | -Count -% of Row -% of Col |
| 2-4 | 8 61.5% 50.0% | 2 15.4% 25.0% | 3 23.1% 37.5% | 0 0.0% ***. *% | 13 100.0% 40.6% | |
| 5-7 | 2 33.3% 12.5% | 2 33.3% 25.0% | 2 33.3% 25.0% | 0 0.0% ***. *% | 6 100.0% 18.8% | |
| 8-10 | 1 33.3% 6.3% | 0 0.0% 0.0% | 2 66.7% 25.0% | 0 0.0% ***. *% | 3 100.0% 9.4% | |
| 11-13 | 0 0.0% 0.0% | 1 100.0% 12.5% | 0 0.0% 0.0% | 0 0.0% ***. *% | 1 100.0% 3.1% | |
| 14-18 | 2 66.7% 12.5% | 1 33.3% 12.5% | 0 0.0% 0.0% | 0 0.0% ***. *% | 3 100.0% 9.4% | |
| 19-24 | 1 100.0% 6.3% | 0 0.0% 0.0% | 0 0.0% 0.0% | 0 0.0% ***. *% | 1 100.0% 3.1% | |
| 25-36 | 1 50.0% 6.3% | 1 50.0% 12.5% | 0 0.0% 0.0% | 0 0.0% ***. *% | 2 100.0% 6.3% | |
| >=37 | 0 ***. *% 0.0% | 0 ***. *% 0.0% | 0 ***. *% 0.0% | 0 ***. *% ***. *% | 0 ***. *% 0.0% | |
| TOTAL | 16 50.0% 100.0% | 8 25.0% 100.0% | 8 25.0% 100.0% | 0 0.0% ***. *% | 32 100.0% 100.0% | |

Table 9.2.0

LENGTH of UNEMPLOYMENT of CHEMISTS UNEMPLOYED on MARCH 1, 1984
by AGE LEVEL
1984 Survey of ACS Members

| MONTHS UNEMPLOYED | AGE LEVEL | | | | | | | | | | | TOTAL | -Count | -% of Row | -% of Col |
|-------------------|------------|-------------|-------------|-------------|------------|-------------|------------|-------------|------------|-----------|---------------|------------|---------------|-----------|-----------|
| | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | >=70 No Respo | | | | |
| 0-1 | 0 0.0% | 2 8.7% | 4 17.4% | 2 8.7% | 3 13.0% | 6 26.1% | 1 4.3% | 3 15.0% | 0 0.0% | 0 0.0% | 0 0.0% | 2 8.7% | 23 100.0% | 15.9% | 25.0% |
| 2-4 | 5 14.7% | 8 23.5% | 7 20.6% | 1 2.9% | 2 5.9% | 2 5.9% | 3 8.8% | 0 0.0% | 3 8.8% | 0 0.0% | 0 0.0% | 3 8.8% | 34 100.0% | 23.4% | 37.5% |
| 5-7 | 2 8.3% | 2 8.3% | 3 12.5% | 4 16.7% | 3 12.5% | 2 8.3% | 1 4.2% | 5 20.8% | 2 8.3% | 0 0.0% | 0 0.0% | 0 0.0% | 24 100.0% | 16.6% | 0.0% |
| 8-10 | 1 5.3% | 4 21.1% | 3 15.8% | 4 21.1% | 1 5.3% | 0 0.0% | 0 0.0% | 4 21.1% | 2 10.5% | 0 0.0% | 0 0.0% | 0 0.0% | 19 100.0% | 13.1% | 0.0% |
| 11-13 | 0 0.0% | 1 9.1% | 0 0.0% | 2 18.2% | 1 9.1% | 3 27.3% | 0 0.0% | 2 18.2% | 1 9.1% | 0 0.0% | 0 0.0% | 1 9.1% | 11 100.0% | 7.6% | 12.5% |
| 14-18 | 0 0.0% | 1 7.1% | 4 28.6% | 0 0.0% | 3 21.4% | 1 7.1% | 1 7.1% | 3 21.4% | 0 0.0% | 0 0.0% | 0 0.0% | 1 7.1% | 14 100.0% | 9.7% | 12.5% |
| 19-24 | 1 12.5% | 1 12.5% | 1 12.5% | 1 12.5% | 0 0.0% | 1 12.5% | 0 0.0% | 1 12.5% | 1 12.5% | 0 0.0% | 0 0.0% | 1 12.5% | 8 100.0% | 5.5% | 12.5% |
| 25-36 | 0 0.0% | 1 5.0% | 0 0.0% | 2 10.0% | 0 0.0% | 1 5.0% | 2 10.0% | 2 10.0% | 2 10.0% | 0 0.0% | 0 0.0% | 0 0.0% | 10 100.0% | 6.9% | 0.0% |
| >=37 | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 1 50.0% | 0 0.0% | 0 0.0% | 1 50.0% | 0 0.0% | 0 0.0% | 0 0.0% | 2 100.0% | 1.4% | 0.0% |
| TOTAL | 9 6.2% | 20 13.8% | 22 15.2% | 16 11.0% | 13 9.0% | 17 11.7% | 8 5.5% | 20 13.8% | 12 8.3% | 0 0.0% | 0 0.0% | 8 5.5% | 145 100.0% | 100.0% | 100.0% |

Table 9.3.0

LENGTH of UNEMPLOYMENT of CHEMISTS UNEMPLOYED on MARCH 1, 1984
by NON-ACADEMIC WORK FUNCTION
1984 Survey of ACS Members

NON-ACADEMIC WORK FUNCTION

| MONTHS UNEMPLOYED | NON-ACADEMIC WORK FUNCTION | | | | | | | | | | TOTAL | | |
|-------------------|----------------------------|--------------|----------------|----------------|----------------|--------------|------------|---------------------|--------------|-----------------|------------|-------------|----------------|
| | Mgt R&D | Basic R&D | Applied R&D | Mgt Non-R&D | Market- ing | Prod & QC | Forensic | Writing/ Editing | Data Proc | Consult- ing | | Other | No Response |
| 0-1 | 4 17.4% | 0 0.0% | 6 26.1% | 0 0.0% | 1 4.3% | 2 8.7% | 1 4.3% | 0 0.0% | 0 0.0% | 3 13.0% | 3 13.0% | 3 13.0% | 23 100.0% |
| | 25.0% | 0.0% | 15.8% | 0.0% | 14.3% | 13.3% | 25.0% | 0.0% | ***.% | 42.9% | 50.0% | 7.9% | 15.9% |
| 2-4 | 2 5.9% | 3 8.8% | 9 26.5% | 1 2.9% | 4 11.8% | 4 11.8% | 1 2.9% | 0 0.0% | 0 0.0% | 1 2.9% | 0 0.0% | 9 26.5% | 34 100.0% |
| | 12.5% | 37.5% | 23.7% | 20.0% | 57.1% | 26.7% | 25.0% | 0.0% | ***.% | 14.3% | 0.0% | 23.7% | 23.4% |
| 5-7 | 4 16.7% | 2 8.3% | 4 16.7% | 1 4.2% | 1 4.2% | 4 16.7% | 0 0.0% | 0 0.0% | 0 0.0% | 1 4.2% | 0 0.0% | 7 29.2% | 24 100.0% |
| | 25.0% | 25.0% | 10.5% | 20.0% | 14.3% | 26.7% | 0.0% | 0.0% | ***.% | 14.3% | 0.0% | 18.4% | 16.6% |
| 8-10 | 1 5.3% | 2 10.5% | 3 15.8% | 0 0.0% | 0 0.0% | 2 10.5% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 2 10.5% | 9 47.4% | 19 100.0% |
| | 6.3% | 25.0% | 7.9% | 0.0% | 0.0% | 13.3% | 0.0% | 0.0% | ***.% | 0.0% | 33.3% | 23.7% | 13.1% |
| 11-13 | 2 18.2% | 0 0.0% | 4 36.4% | 1 9.1% | 0 0.0% | 1 9.1% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 3 27.3% | 11 100.0% |
| | 12.5% | 0.0% | 10.5% | 20.0% | 0.0% | 6.7% | 0.0% | 0.0% | ***.% | 0.0% | 0.0% | 7.9% | 7.6% |
| 14-18 | 2 14.3% | 1 7.1% | 4 28.6% | 1 7.1% | 1 7.1% | 2 14.3% | 1 7.1% | 0 0.0% | 0 0.0% | 1 7.1% | 0 0.0% | 1 7.1% | 14 100.0% |
| | 12.5% | 12.5% | 10.5% | 20.0% | 14.3% | 13.3% | 25.0% | 0.0% | ***.% | 14.3% | 0.0% | 2.6% | 9.7% |
| 19-24 | 0 0.0% | 0 0.0% | 4 50.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 1 12.5% | 3 37.5% | 8 100.0% |
| | 0.0% | 0.0% | 10.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | ***.% | 0.0% | 16.7% | 7.9% | 5.5% |
| 25-36 | 1 10.0% | 0 0.0% | 3 30.0% | 1 10.0% | 0 0.0% | 0 0.0% | 1 10.0% | 1 10.0% | 0 0.0% | 1 10.0% | 0 0.0% | 2 20.0% | 10 100.0% |
| | 6.3% | 0.0% | 7.9% | 20.0% | 0.0% | 0.0% | 25.0% | 100.0% | ***.% | 14.3% | 0.0% | 5.3% | 6.9% |
| >=37 | 0 0.0% | 0 0.0% | 1 50.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 0 0.0% | 1 50.0% | 2 100.0% |
| | 0.0% | 0.0% | 2.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | ***.% | 0.0% | 0.0% | 2.6% | 1.4% |
| TOTAL | 16 11.0% | 8 5.5% | 38 26.2% | 5 3.4% | 7 4.8% | 15 10.3% | 4 2.8% | 1 0.7% | 0 0.0% | 7 4.8% | 6 4.1% | 38 26.2% | 145 100.0% |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | ***.% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 10.1.0

RESPONDENTS by SEX and DEGREE
1984 Survey of ACS Members

| SEX | HIGHEST DEGREE | | | | TOTAL | |
|-------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| Men | 2,114 | 1,658 | 4,780 | 293 | 8,845 | -Count |
| | 23.9% | 18.7% | 54.0% | 3.3% | 100.0% | -% of Row |
| | 77.7% | 78.2% | 87.4% | 86.7% | 83.1% | -% of Col |
| Women | 534 | 398 | 482 | 23 | 1,437 | |
| | 37.2% | 27.7% | 33.5% | 1.6% | 100.0% | |
| | 19.6% | 18.8% | 8.8% | 6.8% | 13.5% | |
| No Response | 72 | 64 | 204 | 22 | 362 | |
| | 19.9% | 17.7% | 56.4% | 6.1% | 100.0% | |
| | 2.6% | 3.0% | 3.7% | 6.5% | 3.4% | |
| TOTAL | 2,720 | 2,120 | 5,466 | 338 | 10,644 | |
| | 25.6% | 19.9% | 51.4% | 3.2% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.2.0

 RESPONDENTS by AGE and HIGHEST DEGREE
 1984 Survey of ACS Members

| AGE LEVEL | HIGHEST DEGREE | | | | TOTAL | |
|-------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| 20-24 | 197 | 13 | 2 | 8 | 220 | -Count |
| | 89.5% | 5.9% | 0.9% | 3.6% | 100.0% | -% of Row |
| | 7.2% | 0.6% | 0.0% | 2.4% | 2.1% | -% of Col |
| 25-29 | 532 | 244 | 363 | 26 | 1,165 | |
| | 45.7% | 20.9% | 31.2% | 2.2% | 100.0% | |
| | 19.6% | 11.5% | 6.6% | 7.7% | 10.9% | |
| 30-34 | 438 | 346 | 760 | 30 | 1,574 | |
| | 27.8% | 22.0% | 48.3% | 1.9% | 100.0% | |
| | 16.1% | 16.3% | 13.9% | 8.9% | 14.8% | |
| 35-39 | 248 | 349 | 848 | 38 | 1,483 | |
| | 16.7% | 23.5% | 57.2% | 2.6% | 100.0% | |
| | 9.1% | 16.5% | 15.5% | 11.2% | 13.9% | |
| 40-44 | 226 | 256 | 878 | 52 | 1,412 | |
| | 16.0% | 18.1% | 62.2% | 3.7% | 100.0% | |
| | 8.3% | 12.1% | 16.1% | 15.4% | 13.3% | |
| 45-49 | 183 | 177 | 691 | 31 | 1,082 | |
| | 16.9% | 16.4% | 63.9% | 2.9% | 100.0% | |
| | 6.7% | 8.3% | 12.6% | 9.2% | 10.2% | |
| 50-54 | 217 | 186 | 612 | 39 | 1,054 | |
| | 20.6% | 17.6% | 58.1% | 3.7% | 100.0% | |
| | 8.0% | 8.8% | 11.2% | 11.5% | 9.9% | |
| 55-59 | 265 | 235 | 469 | 36 | 1,005 | |
| | 26.4% | 23.4% | 46.7% | 3.6% | 100.0% | |
| | 9.7% | 11.1% | 8.6% | 10.7% | 9.4% | |
| 60-64 | 212 | 141 | 377 | 28 | 758 | |
| | 28.0% | 18.6% | 49.7% | 3.7% | 100.0% | |
| | 7.8% | 6.7% | 6.9% | 8.3% | 7.1% | |
| 65-69 | 54 | 36 | 106 | 8 | 204 | |
| | 26.5% | 17.6% | 52.0% | 3.9% | 100.0% | |
| | 2.0% | 1.7% | 1.9% | 2.4% | 1.9% | |
| ≥70 | 1 | 1 | 2 | 3 | 7 | |
| | 14.3% | 14.3% | 28.6% | 42.9% | 100.0% | |
| | 0.0% | 0.0% | 0.0% | 0.9% | 0.1% | |
| No Response | 147 | 136 | 358 | 39 | 680 | |
| | 21.6% | 20.0% | 52.6% | 5.7% | 100.0% | |
| | 5.4% | 6.4% | 6.5% | 11.5% | 6.4% | |
| TOTAL | 2,720 | 2,120 | 5,466 | 338 | 10,644 | |
| | 25.6% | 19.9% | 51.4% | 3.2% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.2.1

RESPONDENTS by AGE and HIGHEST DEGREE - MEN Only
1984 Survey of ACS Members

| AGE LEVEL | HIGHEST DEGREE | | | | TOTAL | |
|-------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| 20-24 | 113 | 6 | 0 | 3 | 122 | -Count |
| | 92.6% | 4.9% | 0.0% | 2.5% | 100.0% | -% of Row |
| | 5.3% | 0.4% | 0.0% | 1.0% | 1.4% | -% of Col |
| 25-29 | 349 | 161 | 293 | 19 | 822 | |
| | 42.5% | 19.6% | 35.6% | 2.3% | 100.0% | |
| | 16.5% | 9.7% | 6.1% | 6.5% | 9.3% | |
| 30-34 | 336 | 254 | 641 | 29 | 1,260 | |
| | 26.7% | 20.2% | 50.9% | 2.3% | 100.0% | |
| | 15.9% | 15.3% | 13.4% | 9.9% | 14.2% | |
| 35-39 | 193 | 274 | 720 | 35 | 1,222 | |
| | 15.8% | 22.4% | 58.9% | 2.9% | 100.0% | |
| | 9.1% | 16.5% | 15.1% | 11.9% | 13.8% | |
| 40-44 | 180 | 197 | 781 | 46 | 1,204 | |
| | 15.0% | 16.4% | 64.9% | 3.8% | 100.0% | |
| | 8.5% | 11.9% | 16.3% | 15.7% | 13.6% | |
| 45-49 | 155 | 140 | 621 | 28 | 944 | |
| | 16.4% | 14.8% | 65.8% | 3.0% | 100.0% | |
| | 7.3% | 8.4% | 13.0% | 9.6% | 10.7% | |
| 50-54 | 187 | 157 | 545 | 36 | 925 | |
| | 20.2% | 17.0% | 58.9% | 3.9% | 100.0% | |
| | 8.8% | 9.5% | 11.4% | 12.3% | 10.5% | |
| 55-59 | 233 | 207 | 425 | 31 | 896 | |
| | 26.0% | 23.1% | 47.4% | 3.5% | 100.0% | |
| | 11.0% | 12.5% | 8.9% | 10.6% | 10.1% | |
| 60-64 | 189 | 123 | 341 | 23 | 676 | |
| | 28.0% | 18.2% | 50.4% | 3.4% | 100.0% | |
| | 8.9% | 7.4% | 7.1% | 7.8% | 7.6% | |
| 65-69 | 53 | 27 | 92 | 6 | 178 | |
| | 29.8% | 15.2% | 51.7% | 3.4% | 100.0% | |
| | 2.5% | 1.6% | 1.9% | 2.0% | 2.0% | |
| ≥70 | 0 | 1 | 2 | 3 | 6 | |
| | 0.0% | 16.7% | 33.3% | 50.0% | 100.0% | |
| | 0.0% | 0.1% | 0.0% | 1.0% | 0.1% | |
| No Response | 126 | 111 | 319 | 34 | 590 | |
| | 21.4% | 18.8% | 54.1% | 5.8% | 100.0% | |
| | 6.0% | 6.7% | 6.7% | 11.6% | 6.7% | |
| TOTAL | 2,114 | 1,658 | 4,780 | 293 | 8,845 | |
| | 23.9% | 18.7% | 54.0% | 3.3% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.2.2

RESPONDENTS by AGE and HIGHEST DEGREE - WOMEN Only
1984 Survey of ACS Members

| AGE LEVEL | HIGHEST DEGREE | | | | TOTAL | |
|-------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| 20-24 | 82 | 7 | 1 | 5 | 95 | -Count |
| | 86.3% | 7.4% | 1.1% | 5.3% | 100.0% | -% of Row |
| | 15.4% | 1.8% | 0.2% | 21.7% | 6.6% | -% of Col |
| 25-29 | 176 | 79 | 63 | 5 | 323 | |
| | 54.5% | 24.5% | 19.5% | 1.5% | 100.0% | |
| | 33.0% | 19.8% | 13.1% | 21.7% | 22.5% | |
| 30-34 | 91 | 86 | 106 | 1 | 284 | |
| | 32.0% | 30.3% | 37.3% | 0.4% | 100.0% | |
| | 17.0% | 21.6% | 22.0% | 4.3% | 19.8% | |
| 35-39 | 48 | 64 | 104 | 3 | 219 | |
| | 21.9% | 29.2% | 47.5% | 1.4% | 100.0% | |
| | 9.0% | 16.1% | 21.6% | 13.0% | 15.2% | |
| 40-44 | 38 | 54 | 65 | 3 | 160 | |
| | 23.8% | 33.8% | 40.6% | 1.9% | 100.0% | |
| | 7.1% | 13.6% | 13.5% | 13.0% | 11.1% | |
| 45-49 | 23 | 30 | 39 | 1 | 93 | |
| | 24.7% | 32.3% | 41.9% | 1.1% | 100.0% | |
| | 4.3% | 7.5% | 8.1% | 4.3% | 6.5% | |
| 50-54 | 20 | 23 | 30 | 1 | 74 | |
| | 27.0% | 31.1% | 40.5% | 1.4% | 100.0% | |
| | 3.7% | 5.8% | 6.2% | 4.3% | 5.1% | |
| 55-59 | 26 | 16 | 22 | 2 | 66 | |
| | 39.4% | 24.2% | 33.3% | 3.0% | 100.0% | |
| | 4.9% | 4.0% | 4.6% | 8.7% | 4.6% | |
| 60-64 | 11 | 11 | 14 | 1 | 37 | |
| | 29.7% | 29.7% | 37.8% | 2.7% | 100.0% | |
| | 2.1% | 2.8% | 2.9% | 4.3% | 2.6% | |
| 65-69 | 0 | 6 | 5 | 0 | 11 | |
| | 0.0% | 54.5% | 45.5% | 0.0% | 100.0% | |
| | 0.0% | 1.5% | 1.0% | 0.0% | 0.8% | |
| ≥70 | 0 | 0 | 0 | 0 | 0 | |
| | ***. % | ***. % | ***. % | ***. % | ***. % | |
| | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| No Response | 19 | 22 | 33 | 1 | 75 | |
| | 25.3% | 29.3% | 44.0% | 1.3% | 100.0% | |
| | 3.6% | 5.5% | 6.8% | 4.3% | 5.2% | |
| TOTAL | 534 | 398 | 482 | 23 | 1,437 | |
| | 37.2% | 27.7% | 33.5% | 1.6% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.3.0

RESPONDENTS by WORK SPECIALTY and HIGHEST DEGREE
1984 Survey of ACS Members

| SPECIALTY | HIGHEST DEGREE | | | | TOTAL | |
|--|--------------------------|--------------------------|--------------------------|-----------------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| Chemical Engineering | 308 32.9% 11.3% | 254 27.1% 12.0% | 347 37.1% 6.3% | 27 2.9% 8.0% | 936 | -Count |
| | | | | | 100.0% | -% of Row |
| | | | | | 8.8% | -% of Col |
| Biochemistry | 60 8.2% 2.2% | 58 8.0% 2.7% | 574 78.7% 10.5% | 37 5.1% 10.9% | 729 | |
| | | | | | 100.0% | |
| | | | | | 6.8% | |
| Agricultural/ Food Chemistry | 92 23.5% 3.4% | 68 17.4% 3.2% | 213 54.5% 3.9% | 18 4.6% 5.3% | 391 | |
| | | | | | 100.0% | |
| | | | | | 3.7% | |
| Analytical Chemistry | 721 39.6% 26.5% | 379 20.8% 17.9% | 686 37.6% 12.6% | 37 2.0% 10.9% | 1,823 | |
| | | | | | 100.0% | |
| | | | | | 17.1% | |
| Environmental Chemistry | 204 36.2% 7.5% | 146 25.9% 6.9% | 197 34.9% 3.6% | 17 3.0% 5.0% | 564 | |
| | | | | | 100.0% | |
| | | | | | 5.3% | |
| Organic Chemistry | 244 16.3% 9.0% | 222 14.8% 10.5% | 989 66.0% 18.1% | 43 2.9% 12.7% | 1,498 | |
| | | | | | 100.0% | |
| | | | | | 14.1% | |
| Inorganic Chemistry | 77 12.5% 2.8% | 104 16.8% 4.9% | 417 67.5% 7.6% | 20 3.2% 5.9% | 618 | |
| | | | | | 100.0% | |
| | | | | | 5.8% | |
| Pharmaceutical/ Medicinal/Clinical Chemistry | 185 24.6% 6.8% | 135 18.0% 6.4% | 404 53.8% 7.4% | 27 3.6% 8.0% | 751 | |
| | | | | | 100.0% | |
| | | | | | 7.1% | |
| Physical Chemistry | 56 8.4% 2.1% | 56 8.4% 2.6% | 521 78.3% 9.5% | 32 4.8% 9.5% | 665 | |
| | | | | | 100.0% | |
| | | | | | 6.2% | |
| Theoretical Chemistry | 3 5.2% 0.1% | 5 8.6% 0.2% | 47 81.0% 0.9% | 3 5.2% 0.9% | 58 | |
| | | | | | 100.0% | |
| | | | | | 0.5% | |
| Polymers/ Macromolecular Chemistry | 267 26.6% 9.8% | 211 21.1% 10.0% | 501 50.0% 9.2% | 23 2.3% 6.8% | 1,002 | |
| | | | | | 100.0% | |
| | | | | | 9.4% | |
| Other Chemical | 241 35.1% 8.9% | 198 28.8% 9.3% | 229 33.3% 4.2% | 19 2.8% 5.6% | 687 | |
| | | | | | 100.0% | |
| | | | | | 6.5% | |
| Non-Chemical | 239 29.0% 8.8% | 255 30.9% 12.0% | 304 36.8% 5.6% | 27 3.3% 8.0% | 825 | |
| | | | | | 100.0% | |
| | | | | | 7.8% | |
| No Response | 23 23.7% 0.8% | 29 29.9% 1.4% | 37 38.1% 0.7% | 8 8.2% 2.4% | 97 | |
| | | | | | 100.0% | |
| | | | | | 0.9% | |
| TOTAL | 2,720 25.6% 100.0% | 2,120 19.9% 100.0% | 5,466 51.4% 100.0% | 338 3.2% 100.0% | 10,644 | |
| | | | | | 100.0% | |
| | | | | | 100.0% | |

Table 10.4.0

RESPONDENTS by RACE/ETHNICITY AND HIGHEST DEGREE
1984 Survey of ACS Members

| RACE/ETHNICITY | HIGHEST DEGREE | | | | TOTAL | |
|------------------------|----------------|---------|-----------|-------------|--------|-----------|
| | Bachelors | Masters | Doctorate | No Response | | |
| White | 2,582 | 1,966 | 4,959 | 294 | 9,801 | -Count |
| | 26.3% | 20.1% | 50.6% | 3.0% | 100.0% | -% of Row |
| | 94.9% | 92.7% | 90.7% | 87.0% | 92.1% | -% of Col |
| Black | 32 | 17 | 38 | 3 | 90 | |
| | 35.6% | 18.9% | 42.2% | 3.3% | 100.0% | |
| | 1.2% | 0.8% | 0.7% | 0.9% | 0.8% | |
| American Indian | 2 | 2 | 8 | 0 | 12 | |
| | 16.7% | 16.7% | 66.7% | 0.0% | 100.0% | |
| | 0.1% | 0.1% | 0.1% | 0.0% | 0.1% | |
| Asian/Pacific Islander | 60 | 88 | 365 | 38 | 551 | |
| | 10.9% | 16.0% | 66.2% | 6.9% | 100.0% | |
| | 2.2% | 4.2% | 6.7% | 11.2% | 5.2% | |
| Hispanic | 24 | 26 | 36 | 0 | 86 | |
| | 27.9% | 30.2% | 41.9% | 0.0% | 100.0% | |
| | 0.9% | 1.2% | 0.7% | 0.0% | 0.8% | |
| Other | 8 | 5 | 19 | 0 | 32 | |
| | 25.0% | 15.6% | 59.4% | 0.0% | 100.0% | |
| | 0.3% | 0.2% | 0.3% | 0.0% | 0.3% | |
| No Response | 12 | 16 | 41 | 3 | 72 | |
| | 16.7% | 22.2% | 56.9% | 4.2% | 100.0% | |
| | 0.4% | 0.8% | 0.8% | 0.9% | 0.7% | |
| TOTAL | 2,720 | 2,120 | 5,466 | 338 | 10,644 | |
| | 25.6% | 19.9% | 51.4% | 3.2% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.5.0

RESPONDENTS by RACE/ETHNICITY AND SEX
1984 Survey of ACS Members

| RACE/ETHNICITY | SEX | | | TOTAL | |
|------------------------|--------|--------|-------------|--------|-----------|
| | Men | Women | No Response | | |
| White | 8,186 | 1,289 | 326 | 9,801 | -Count |
| | 83.5% | 13.2% | 3.3% | 100.0% | -% of Row |
| | 92.5% | 89.7% | 90.1% | 92.1% | -% of Col |
| Black | 64 | 22 | 4 | 90 | |
| | 71.1% | 24.4% | 4.4% | 100.0% | |
| | 0.7% | 1.5% | 1.1% | 0.8% | |
| American Indian | 11 | 1 | 0 | 12 | |
| | 91.7% | 8.3% | 0.0% | 100.0% | |
| | 0.1% | 0.1% | 0.0% | 0.1% | |
| Asian/Pacific Islander | 443 | 89 | 19 | 551 | |
| | 80.4% | 16.2% | 3.4% | 100.0% | |
| | 5.0% | 6.2% | 5.2% | 5.2% | |
| Hispanic | 54 | 27 | 5 | 86 | |
| | 62.8% | 31.4% | 5.8% | 100.0% | |
| | 0.6% | 1.9% | 1.4% | 0.8% | |
| Other | 27 | 5 | 0 | 32 | |
| | 84.4% | 15.6% | 0.0% | 100.0% | |
| | 0.3% | 0.3% | 0.0% | 0.3% | |
| No Response | 60 | 4 | 8 | 72 | |
| | 83.3% | 5.6% | 11.1% | 100.0% | |
| | 0.7% | 0.3% | 2.2% | 0.7% | |
| TOTAL | 8,845 | 1,437 | 362 | 10,644 | |
| | 83.1% | 13.5% | 3.4% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.6.0

RESPONDENTS by RACE/ETHNICITY and CITIZENSHIP
1984 Survey of ACS Members

| RACE/ETHNICITY | CITIZENSHIP | | | | TOTAL | |
|---------------------------|-----------------|-----------------------|--------|----------------|--------|-----------|
| | U.S. Citizen | Permanent Resident | Other | No Response | | |
| White | 9,612 | 150 | 31 | 8 | 9,801 | -Count |
| | 98.1% | 1.5% | 0.3% | 0.1% | 100.0% | -% of Row |
| | 93.7% | 48.4% | 44.9% | 66.7% | 92.1% | -% of Col |
| Black | 77 | 11 | 2 | 0 | 90 | |
| | 85.6% | 12.2% | 2.2% | 0.0% | 100.0% | |
| | 0.8% | 3.5% | 2.9% | 0.0% | 0.8% | |
| American Indian | 12 | 0 | 0 | 0 | 12 | |
| | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 0.1% | 0.0% | 0.0% | 0.0% | 0.1% | |
| Asian/Pacific Islander | 392 | 131 | 28 | 0 | 551 | |
| | 71.1% | 23.8% | 5.1% | 0.0% | 100.0% | |
| | 3.8% | 42.3% | 40.6% | 0.0% | 5.2% | |
| Hispanic | 70 | 13 | 3 | 0 | 86 | |
| | 81.4% | 15.1% | 3.5% | 0.0% | 100.0% | |
| | 0.7% | 4.2% | 4.3% | 0.0% | 0.8% | |
| Other | 27 | 3 | 2 | 0 | 32 | |
| | 84.4% | 9.4% | 6.3% | 0.0% | 100.0% | |
| | 0.3% | 1.0% | 2.9% | 0.0% | 0.3% | |
| No Response | 63 | 2 | 3 | 4 | 72 | |
| | 87.5% | 2.8% | 4.2% | 5.6% | 100.0% | |
| | 0.6% | 0.6% | 4.3% | 33.3% | 0.7% | |
| TOTAL | 10,253 | 310 | 69 | 12 | 10,644 | |
| | 96.3% | 2.9% | 0.6% | 0.1% | 100.0% | |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 10.7.0
 RESPONDENTS by SELECTED ACS LOCAL SECTIONS and WORK SPECIALTY
 1984 Survey of ACS Members

| LOCAL SECTIONS | SPECIALTY | | | | | | | | | | | | TOTAL | | | |
|---------------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|----------------------|-------------------------|-----------------------|-----------------------|----------------------|--------------------------|---------------------------------|
| | Chem Eng | Biochem | Agric./Food Chem | Analytical | Environmental | Organic | Inorganic | Pharm./Med./Clin | Physical | Theoretical | Polymer/Macro | Other | | Non-Chem | No Response | |
| Southern California | 49 10.8% 5.2% | 35 7.7% 4.8% | 11 2.4% 2.8% | 63 13.9% 3.5% | 31 6.8% 5.5% | 54 11.9% 3.6% | 30 6.6% 4.9% | 31 6.8% 4.1% | 30 6.6% 4.5% | 3 0.7% 5.2% | 39 8.6% 3.9% | 28 6.2% 4.1% | 43 9.5% 5.2% | 6 1.3% 6.2% | 453 100.0% 4.3% | Count -% of Row -% of Col |
| California | 44 8.8% 4.7% | 35 7.0% 4.8% | 20 4.0% 5.1% | 93 18.6% 5.1% | 30 6.0% 5.3% | 68 13.6% 4.5% | 19 3.8% 3.1% | 33 6.6% 4.4% | 46 9.2% 6.9% | 3 0.6% 5.2% | 30 6.0% 3.0% | 29 5.8% 4.2% | 45 9.0% 5.5% | 4 0.8% 4.1% | 499 100.0% 4.7% | |
| Chicago | 50 8.6% 5.3% | 41 7.0% 5.6% | 20 3.4% 5.1% | 98 16.8% 5.4% | 30 5.3% 5.3% | 83 14.3% 5.5% | 26 4.5% 4.2% | 54 9.3% 7.2% | 33 5.7% 5.0% | 1 0.2% 1.7% | 45 7.7% 4.5% | 46 7.9% 6.7% | 49 8.4% 5.9% | 6 1.0% 6.2% | 582 100.0% 5.5% | |
| Cleveland and Akron | 32 11.2% 3.4% | 8 2.8% 1.1% | 7 2.4% 1.8% | 54 18.9% 3.0% | 7 2.4% 1.2% | 32 11.2% 2.1% | 20 7.0% 3.2% | 7 2.4% 0.9% | 13 4.5% 2.0% | 1 0.3% 1.7% | 69 24.1% 6.9% | 24 8.4% 3.5% | 9 3.1% 1.1% | 3 1.0% 3.1% | 286 100.0% 2.7% | |
| Delaware | 27 10.3% 2.9% | 13 4.9% 1.8% | 10 3.8% 2.6% | 37 14.1% 2.0% | 4 1.5% 0.7% | 28 10.6% 1.9% | 10 3.8% 1.6% | 18 6.8% 2.4% | 10 3.8% 1.5% | 3 1.1% 5.2% | 56 21.3% 5.6% | 16 6.1% 2.3% | 30 11.4% 3.6% | 1 0.4% 1.0% | 263 100.0% 2.5% | |
| New York | 55 9.0% 5.9% | 68 11.1% 9.3% | 22 3.6% 5.6% | 70 11.4% 3.8% | 24 3.9% 4.3% | 102 16.7% 6.8% | 34 5.6% 5.5% | 65 10.6% 8.7% | 41 6.2% 6.2% | 3 0.5% 5.2% | 45 7.4% 4.5% | 33 5.4% 4.8% | 47 7.7% 5.7% | 3 0.5% 3.1% | 612 100.0% 5.7% | |
| North Jersey | 67 9.2% 7.2% | 19 2.6% 2.6% | 23 3.2% 5.9% | 97 13.3% 5.3% | 15 2.1% 2.7% | 118 16.2% 7.9% | 31 4.3% 5.0% | 112 15.4% 14.9% | 50 6.9% 7.5% | 2 0.3% 3.4% | 94 12.9% 9.4% | 45 6.2% 6.6% | 46 6.3% 5.6% | 10 1.4% 10.3% | 729 100.0% 6.8% | |
| Northeastern | 44 8.9% 4.7% | 48 9.7% 6.6% | 7 1.4% 1.8% | 74 14.9% 4.1% | 21 4.2% 3.7% | 73 14.7% 4.9% | 25 5.1% 4.0% | 26 5.3% 3.5% | 34 6.0% 5.1% | 2 0.4% 3.4% | 56 11.3% 5.6% | 33 6.7% 4.8% | 44 8.9% 5.3% | 8 1.6% 8.2% | 495 100.0% 4.7% | |
| Philadelphia | 29 7.0% 3.1% | 33 8.0% 4.5% | 16 3.9% 4.1% | 72 17.3% 3.9% | 21 5.1% 3.7% | 52 12.5% 3.5% | 11 2.7% 1.8% | 64 15.4% 8.5% | 19 4.6% 2.9% | 0 0.0% 0.0% | 53 12.8% 5.3% | 17 4.1% 2.5% | 26 6.3% 3.2% | 2 0.5% 2.1% | 415 100.0% 3.9% | |
| Pittsburgh | 26 14.1% 2.8% | 4 2.2% 0.5% | 1 0.5% 0.3% | 32 17.3% 1.8% | 13 7.0% 2.5% | 20 10.8% 1.3% | 8 4.3% 1.3% | 1 0.5% 0.1% | 21 11.4% 3.2% | 0 0.0% 0.0% | 28 15.1% 2.8% | 11 5.9% 1.6% | 19 10.3% 2.3% | 1 0.5% 1.0% | 185 100.0% 1.7% | |
| Southeast Texas | 55 15.8% 5.9% | 22 6.3% 3.0% | 6 1.7% 1.5% | 67 19.0% 3.7% | 17 4.9% 3.0% | 52 14.9% 3.5% | 14 4.0% 2.3% | 11 3.2% 1.5% | 17 4.9% 2.6% | 4 1.1% 6.9% | 28 8.0% 2.8% | 30 8.6% 4.4% | 23 6.6% 2.8% | 2 0.6% 2.1% | 348 100.0% 3.3% | |
| Washington, D.C. | 23 5.7% 2.9% | 60 14.7% 8.2% | 12 2.9% 3.1% | 65 16.0% 3.6% | 32 7.9% 5.7% | 33 8.1% 2.9% | 18 4.4% 2.9% | 27 6.6% 3.6% | 25 6.1% 3.8% | 2 0.5% 3.4% | 21 5.2% 2.1% | 30 7.4% 4.4% | 56 13.8% 6.8% | 3 0.7% 3.1% | 407 100.0% 3.8% | |
| None of the Above | 400 7.9% 42.7% | 320 6.3% 43.9% | 219 4.3% 56.0% | 954 18.8% 52.3% | 308 6.1% 54.6% | 743 14.6% 49.6% | 362 7.1% 58.6% | 277 5.5% 36.9% | 312 6.1% 46.9% | 31 0.6% 53.4% | 418 8.2% 41.7% | 329 6.5% 47.9% | 364 7.2% 44.1% | 42 0.8% 43.3% | 5,079 100.0% 47.7% | |
| No Response | 35 12.0% 3.7% | 23 7.9% 3.2% | 17 5.8% 4.3% | 47 16.2% 2.6% | 11 3.8% 2.0% | 40 13.7% 2.7% | 10 3.4% 1.6% | 25 4.8% 3.3% | 14 4.8% 2.1% | 3 1.0% 5.2% | 20 6.9% 2.0% | 16 5.5% 2.3% | 24 8.2% 2.9% | 6 2.1% 6.2% | 291 100.0% 2.7% | |
| TOTAL | 936 8.8% 100.0% | 729 6.8% 100.0% | 391 3.7% 100.0% | 1,823 17.1% 100.0% | 564 5.3% 100.0% | 1,498 14.1% 100.0% | 618 5.8% 100.0% | 751 7.1% 100.0% | 665 6.2% 100.0% | 58 0.5% 100.0% | 1,002 9.4% 100.0% | 687 6.5% 100.0% | 825 7.8% 100.0% | 97 0.9% 100.0% | 10,644 100.0% | |

Table 10.8.0

RESPONDENTS by SELECTED ACS LOCAL SECTIONS and EMPLOYMENT STATUS
1984 Survey of ACS Members

| LOCAL SECTION | EMPLOYMENT STATUS | | | | | | TOTAL | |
|------------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|----------------------------------|
| | Post- doc | Employed Full-time | Unemp. Seeking | Unemp. Not Seek. | Employed Part-time | No Response | | |
| Southern California | 17 3.8% 6.5% | 396 87.4% 4.1% | 12 2.6% 6.1% | 7 1.5% 6.7% | 14 3.1% 7.3% | 7 1.5% 5.4% | 453 100.0% 4.3% | -Count -% of Row -% of Col |
| California | 20 4.0% 7.6% | 441 88.4% 4.5% | 8 1.6% 4.1% | 9 1.8% 8.7% | 11 2.2% 5.7% | 10 2.0% 7.8% | 499 100.0% 4.7% | |
| Chicago | 14 2.4% 5.3% | 536 92.1% 5.5% | 12 2.1% 6.1% | 4 0.7% 3.8% | 11 1.9% 5.7% | 5 0.9% 3.9% | 582 100.0% 5.5% | |
| Cleveland and Akron | 2 0.7% 0.8% | 267 93.4% 2.7% | 8 2.8% 4.1% | 2 0.7% 1.9% | 7 2.4% 3.6% | 0 0.0% 0.0% | 286 100.0% 2.7% | |
| Delaware | 1 0.4% 0.4% | 251 95.4% 2.6% | 3 1.1% 1.5% | 2 0.8% 1.9% | 3 1.1% 1.6% | 3 1.1% 2.3% | 263 100.0% 2.5% | |
| New York | 21 3.4% 8.0% | 556 90.8% 5.7% | 9 1.5% 4.6% | 5 0.8% 4.8% | 11 1.8% 5.7% | 10 1.6% 7.8% | 612 100.0% 5.7% | |
| North Jersey | 11 1.5% 4.2% | 678 93.0% 6.9% | 21 2.9% 10.7% | 4 0.5% 3.8% | 8 1.1% 4.1% | 7 1.0% 5.4% | 729 100.0% 6.8% | |
| Northeastern | 26 5.3% 9.9% | 434 87.7% 4.4% | 10 2.0% 5.1% | 6 1.2% 5.8% | 14 2.8% 7.3% | 5 1.0% 3.9% | 495 100.0% 4.7% | |
| Philadelphia | 9 2.2% 3.4% | 383 92.3% 3.9% | 6 1.4% 3.0% | 6 1.4% 5.8% | 7 1.7% 3.6% | 4 1.0% 3.1% | 415 100.0% 3.9% | |
| Pittsburgh | 3 1.6% 1.1% | 170 91.9% 1.7% | 7 3.8% 3.6% | 1 0.5% 1.0% | 3 1.6% 1.6% | 1 0.5% 0.8% | 185 100.0% 1.7% | |
| Southeast Texas | 9 2.6% 3.4% | 314 90.2% 3.2% | 10 2.9% 5.1% | 3 0.9% 2.9% | 8 2.3% 4.1% | 4 1.1% 3.1% | 348 100.0% 3.3% | |
| Washington, D.C. | 19 4.7% 7.3% | 362 88.9% 3.7% | 6 1.5% 3.0% | 6 1.5% 5.8% | 9 2.2% 4.7% | 5 1.2% 3.9% | 407 100.0% 3.8% | |
| Other | 97 1.9% 37.0% | 4,720 92.9% 48.4% | 76 1.5% 38.6% | 46 0.9% 44.2% | 82 1.6% 42.5% | 58 1.1% 45.0% | 5,079 100.0% 47.7% | |
| No Response | 13 4.5% 5.0% | 251 86.3% 2.6% | 9 3.1% 4.6% | 3 1.0% 2.9% | 5 1.7% 2.6% | 10 3.4% 7.8% | 291 100.0% 2.7% | |
| TOTAL | 262 2.5% 100.0% | 9,759 91.7% 100.0% | 197 1.9% 100.0% | 104 1.0% 100.0% | 193 1.8% 100.0% | 129 1.2% 100.0% | 10,644 100.0% 100.0% | |

Table 10.9.0

RESPONDENTS by SELECTED ACS LOCAL SECTIONS and SEX
1984 Survey of ACS Members

| LOCAL SECTION | SEX | | | TOTAL | |
|---------------------|--------------------------|--------------------------|-----------------------|----------------------------|----------------------------------|
| | Men | Women | No Response | | |
| Southern California | 380 83.9% 4.3% | 59 13.0% 4.1% | 14 3.1% 3.9% | 453 100.0% 4.3% | -Count -% of Row -% of Col |
| California | 411 82.4% 4.6% | 76 15.2% 5.3% | 12 2.4% 3.3% | 499 100.0% 4.7% | |
| Chicago | 484 83.2% 5.5% | 78 13.4% 5.4% | 20 3.4% 5.5% | 582 100.0% 5.5% | |
| Cleveland and Akron | 237 82.9% 2.7% | 39 13.6% 2.7% | 10 3.5% 2.8% | 286 100.0% 2.7% | |
| Delaware | 218 82.9% 2.5% | 28 10.6% 1.9% | 17 6.5% 4.7% | 263 100.0% 2.5% | |
| New York | 492 80.4% 5.6% | 85 13.9% 5.9% | 35 5.7% 9.7% | 612 100.0% 5.7% | |
| North Jersey | 606 83.1% 6.9% | 90 12.3% 6.3% | 33 4.5% 9.1% | 729 100.0% 6.8% | |
| Northeastern | 398 80.4% 4.5% | 87 17.6% 6.1% | 10 2.0% 2.8% | 495 100.0% 4.7% | |
| Philadelphia | 332 80.0% 3.8% | 67 16.1% 4.7% | 16 3.9% 4.4% | 415 100.0% 3.9% | |
| Pittsburgh | 151 81.6% 1.7% | 29 15.7% 2.0% | 5 2.7% 1.4% | 185 100.0% 1.7% | |
| Southeast Texas | 287 82.5% 3.2% | 51 14.7% 3.5% | 10 2.9% 2.8% | 348 100.0% 3.3% | |
| Washington, D.C. | 304 74.7% 3.4% | 88 21.6% 6.1% | 15 3.7% 4.1% | 407 100.0% 3.8% | |
| Other | 4,314 84.9% 48.8% | 611 12.0% 42.5% | 154 3.0% 42.5% | 5,079 100.0% 47.7% | |
| No Response | 231 79.4% 2.6% | 49 16.8% 3.4% | 11 3.8% 3.0% | 291 100.0% 2.7% | |
| TOTAL | 8,845 83.1% 100.0% | 1,437 13.5% 100.0% | 362 3.4% 100.0% | 10,644 100.0% 100.0% | |

Table 10.10.0
RESPONDENTS by SELECTED ACS LOCAL SECTIONS and AGE
1984 Survey of ACS Members

| LOCAL SECTION | AGE LEVEL | | | | | | | | | | TOTAL | | |
|---------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-----------------------|-----------------------|---------------------|-----------------------|--------------------------|
| | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | | >=70 No Respo | |
| Southern California | 11 2.4% 5.0% | 58 12.8% 5.0% | 69 15.2% 4.4% | 53 11.7% 3.6% | 52 11.5% 3.7% | 47 10.4% 4.3% | 36 7.9% 3.4% | 37 8.2% 3.7% | 45 9.9% 5.9% | 13 2.9% 6.4% | 0 0.0% 0.0% | 32 7.1% 4.7% | 453 100.0% 4.3% |
| California | 6 1.2% 2.7% | 67 13.4% 5.8% | 85 17.0% 5.4% | 86 17.2% 5.8% | 65 13.0% 4.6% | 47 9.4% 4.3% | 48 9.6% 4.6% | 32 6.4% 3.2% | 30 6.0% 4.0% | 10 2.0% 4.9% | 1 0.2% 14.3% | 22 4.4% 3.2% | 499 100.0% 4.7% |
| Chicago | 20 3.4% 9.1% | 77 13.2% 6.6% | 98 16.8% 6.2% | 68 11.7% 4.6% | 82 14.1% 5.8% | 46 7.9% 4.3% | 35 6.0% 3.3% | 55 9.5% 5.5% | 37 6.4% 4.9% | 22 3.8% 10.8% | 0 0.0% 0.0% | 42 7.2% 6.2% | 582 100.0% 5.5% |
| Cleveland and Akron | 8 2.8% 3.6% | 30 10.5% 2.6% | 51 17.8% 3.2% | 31 10.8% 2.1% | 41 14.5% 2.9% | 17 5.9% 1.6% | 27 9.4% 2.6% | 28 9.8% 2.8% | 28 9.8% 3.7% | 5 1.7% 2.5% | 1 0.3% 14.3% | 19 6.6% 2.8% | 286 100.0% 2.7% |
| Delaware | 5 1.9% 2.3% | 21 8.0% 1.8% | 38 14.4% 2.4% | 29 11.0% 2.0% | 35 13.3% 2.5% | 23 8.7% 2.1% | 35 13.3% 3.3% | 38 14.4% 3.8% | 21 8.0% 2.8% | 2 0.8% 1.0% | 0 0.0% 0.0% | 16 6.1% 4.6% | 263 100.0% 2.5% |
| New York | 14 2.3% 6.4% | 78 12.7% 6.7% | 76 12.4% 4.8% | 81 13.2% 5.5% | 78 12.7% 5.5% | 71 11.6% 6.6% | 67 10.9% 6.4% | 56 9.2% 5.6% | 42 6.9% 5.5% | 18 2.9% 8.8% | 0 0.0% 0.0% | 31 5.1% 4.6% | 612 100.0% 5.7% |
| North Jersey | 17 2.3% 7.7% | 76 10.4% 6.5% | 110 15.1% 7.0% | 89 12.2% 6.0% | 102 14.0% 7.2% | 59 8.1% 5.5% | 80 11.0% 7.6% | 71 9.7% 7.1% | 59 8.1% 7.8% | 15 2.1% 7.4% | 0 0.0% 0.0% | 51 7.0% 7.5% | 729 100.0% 6.8% |
| Northeastern | 10 2.0% 4.5% | 61 12.3% 5.2% | 94 19.0% 6.0% | 76 15.4% 5.1% | 45 9.1% 3.2% | 32 6.5% 3.0% | 47 9.5% 4.5% | 48 9.7% 4.8% | 36 7.3% 4.7% | 11 2.2% 5.4% | 1 0.2% 14.3% | 34 6.9% 5.0% | 495 100.0% 4.7% |
| Philadelphia | 9 2.2% 4.1% | 55 13.3% 4.7% | 67 16.1% 4.3% | 55 13.3% 3.7% | 53 12.8% 3.8% | 37 8.9% 3.4% | 32 7.7% 3.0% | 43 10.4% 4.3% | 31 7.5% 4.1% | 7 1.7% 3.4% | 0 0.0% 0.0% | 26 6.3% 3.8% | 415 100.0% 3.9% |
| Pittsburgh | 5 2.3% 2.3% | 21 11.4% 1.8% | 28 15.1% 1.8% | 30 16.2% 2.0% | 18 9.7% 1.3% | 21 11.4% 1.9% | 19 10.3% 1.8% | 24 13.0% 2.4% | 10 5.4% 1.5% | 3 1.6% 1.5% | 0 0.0% 0.0% | 6 3.2% 0.9% | 185 100.0% 1.7% |
| Southeast Texas | 8 2.3% 3.6% | 34 9.8% 2.9% | 58 16.7% 3.7% | 47 13.5% 5.2% | 36 10.3% 2.5% | 33 9.5% 3.0% | 43 12.4% 4.1% | 31 8.9% 3.1% | 27 7.8% 3.6% | 8 2.3% 3.9% | 0 0.0% 0.0% | 23 6.6% 3.4% | 348 100.0% 3.3% |
| Washington, D.C. | 8 2.0% 3.6% | 52 12.8% 4.5% | 40 9.8% 2.5% | 57 14.0% 3.8% | 53 13.0% 3.8% | 53 13.0% 4.9% | 39 9.6% 3.7% | 43 10.6% 4.3% | 24 5.9% 3.2% | 10 2.5% 4.9% | 1 0.2% 14.3% | 27 6.6% 4.0% | 407 100.0% 3.8% |
| Other | 91 1.8% 41.4% | 494 9.7% 42.4% | 703 13.8% 44.7% | 752 14.8% 50.7% | 721 14.2% 51.1% | 566 11.1% 52.3% | 522 10.3% 49.5% | 469 9.2% 46.7% | 350 6.9% 46.2% | 78 1.5% 38.2% | 3 0.1% 42.9% | 330 6.5% 48.5% | 5,079 100.0% 47.7% |
| No Response | 8 2.7% 3.6% | 41 14.1% 3.5% | 57 19.6% 3.6% | 29 10.0% 2.0% | 31 10.7% 2.2% | 30 10.3% 2.8% | 24 8.2% 2.3% | 30 10.3% 3.0% | 18 6.2% 2.4% | 2 0.7% 1.0% | 0 0.0% 0.0% | 21 7.2% 3.1% | 291 100.0% 2.7% |
| TOTAL | 220 2.1% 100.0% | 1,165 10.9% 100.0% | 1,574 14.8% 100.0% | 1,483 13.9% 100.0% | 1,412 13.3% 100.0% | 1,082 10.2% 100.0% | 1,054 9.9% 100.0% | 1,005 9.4% 100.0% | 758 7.1% 100.0% | 204 1.9% 100.0% | 7 0.1% 100.0% | 680 6.4% 100.0% | 10,644 100.0% |

Table 10.11.0

RESPONDENTS by SELECTED ACS LOCAL SECTIONS and HIGHEST DEGREE
1984 Survey of ACS Members

| LOCAL SECTION | HIGHEST DEGREE | | | | TOTAL | |
|---------------------|--------------------------|--------------------------|--------------------------|-----------------------|--------|--|
| | Bachelors | Masters | Doctorate | No Response | | |
| Southern California | 127 28.0% 4.7% | 97 21.4% 4.6% | 223 49.2% 4.1% | 6 1.3% 1.8% | 453 | -Count 100.0% -% of Row 4.3% -% of Col |
| California | 154 30.9% 5.7% | 93 18.6% 4.4% | 244 48.9% 4.5% | 8 1.6% 2.4% | 499 | 100.0% 4.7% |
| Chicago | 179 30.8% 6.6% | 120 20.6% 5.7% | 274 47.1% 5.0% | 9 1.5% 2.7% | 582 | 100.0% 5.5% |
| Cleveland and Akron | 90 31.5% 3.3% | 70 24.5% 3.3% | 113 39.5% 2.1% | 13 4.5% 3.8% | 286 | 100.0% 2.7% |
| Delaware | 45 17.1% 1.7% | 31 11.8% 1.5% | 177 67.3% 3.2% | 10 3.8% 3.0% | 263 | 100.0% 2.5% |
| New York | 132 21.6% 4.9% | 137 22.4% 6.5% | 325 53.1% 5.9% | 18 2.9% 5.3% | 612 | 100.0% 5.7% |
| North Jersey | 157 21.5% 5.8% | 170 23.3% 8.0% | 367 50.3% 6.7% | 35 4.8% 10.4% | 729 | 100.0% 6.8% |
| Northeastern | 133 26.9% 4.9% | 109 22.0% 5.1% | 235 47.5% 4.3% | 18 3.6% 5.3% | 495 | 100.0% 4.7% |
| Philadelphia | 112 27.0% 4.1% | 82 19.8% 3.9% | 205 49.4% 3.8% | 16 3.9% 4.7% | 415 | 100.0% 3.9% |
| Pittsburgh | 52 28.1% 1.9% | 39 21.1% 1.8% | 91 49.2% 1.7% | 3 1.6% 0.9% | 185 | 100.0% 1.7% |
| Southeast Texas | 99 28.4% 3.6% | 92 26.4% 4.3% | 153 44.0% 2.8% | 4 1.1% 1.2% | 348 | 100.0% 3.3% |
| Washington, D.C. | 80 19.7% 2.9% | 78 19.2% 3.7% | 239 58.7% 4.4% | 10 2.5% 3.0% | 407 | 100.0% 3.8% |
| Other | 1,263 24.9% 46.4% | 942 18.5% 44.4% | 2,699 53.1% 49.4% | 175 3.4% 51.8% | 5,079 | 100.0% 47.7% |
| No Response | 97 33.3% 3.6% | 60 20.6% 2.8% | 121 41.6% 2.2% | 13 4.5% 3.8% | 291 | 100.0% 2.7% |
| TOTAL | 2,720 25.6% 100.0% | 2,120 19.9% 100.0% | 5,466 51.4% 100.0% | 338 3.2% 100.0% | 10,644 | 100.0% 100.0% |

Table 11.1.0

 POSTDOCTORAL RESPONDENTS by ACADEMIC EMPLOYER and RACE/ETHNICITY
 1984 Survey of ACS Members

| SCHOOL | RACE/ETHNICITY | | | | | | | TOTAL | |
|-------------|----------------|---------|--------------------|-------------------|----------|---------|----------------|---------|-----------|
| | White | Black | American Indian | Asian/ Pacific | Hispanic | Other | No Response | | |
| Private | 60 | 2 | 0 | 17 | 2 | 2 | 1 | 84 | -Count |
| Doctorate | 71.4% | 2.4% | 0.0% | 20.2% | 2.4% | 2.4% | 1.2% | 100.0% | -% of Row |
| | 29.9% | 66.7% | ***. *% | 38.6% | 28.6% | 66.7% | 25.0% | 32.1% | -% of Col |
| Private | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | |
| Masters | 50.0% | 0.0% | 0.0% | 50.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 0.5% | 0.0% | ***. *% | 2.3% | 0.0% | 0.0% | 0.0% | 0.8% | |
| Private | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | |
| Bachelors | 50.0% | 0.0% | 0.0% | 50.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 0.5% | 0.0% | ***. *% | 2.3% | 0.0% | 0.0% | 0.0% | 0.8% | |
| Private | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Associate | ***. *% | ***. *% | ***. *% | ***. *% | ***. *% | ***. *% | ***. *% | ***. *% | |
| | 0.0% | 0.0% | ***. *% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| Public | 87 | 1 | 0 | 16 | 2 | 0 | 1 | 107 | |
| Doctorate | 81.3% | 0.9% | 0.0% | 15.0% | 1.9% | 0.0% | 0.9% | 100.0% | |
| | 43.3% | 33.3% | ***. *% | 36.4% | 28.6% | 0.0% | 25.0% | 40.8% | |
| Public | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Masters | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 1.0% | 0.0% | ***. *% | 0.0% | 0.0% | 0.0% | 0.0% | 0.8% | |
| Public | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Bachelors | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 0.5% | 0.0% | ***. *% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% | |
| Public | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| Associate | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | |
| | 0.0% | 0.0% | ***. *% | 2.3% | 0.0% | 0.0% | 0.0% | 0.4% | |
| NO RESPONSE | 49 | 0 | 0 | 8 | 3 | 1 | 2 | 63 | |
| | 77.8% | 0.0% | 0.0% | 12.7% | 4.8% | 1.6% | 3.2% | 100.0% | |
| | 24.4% | 0.0% | ***. *% | 18.2% | 42.9% | 33.3% | 50.0% | 24.0% | |
| TOTAL | 201 | 3 | 0 | 44 | 7 | 3 | 4 | 262 | |
| | 76.7% | 1.1% | 0.0% | 16.8% | 2.7% | 1.1% | 1.5% | 100.0% | |
| | 100.0% | 100.0% | ***. *% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |

Table 11.2.0

POSTDOCTORAL RESPONDENTS by RACE/ETHNICITY and CITIZENSHIP
1984 Survey of ACS Members

| CITIZENSHIP | RACE/ETHNICITY | | | | | | | TOTAL | |
|-----------------------|----------------|--------|--------------------|-------------------|----------|--------|----------------|--------|-----------|
| | White | Black | American Indian | Asian/ Pacific | Hispanic | Other | No Response | | |
| U.S. Citizen | 186 | 1 | 0 | 13 | 3 | 0 | 2 | 205 | -Count |
| | 90.7% | 0.5% | 0.0% | 6.3% | 1.5% | 0.0% | 1.0% | 100.0% | -% of Row |
| | 92.5% | 33.3% | ***. % | 29.5% | 42.9% | 0.0% | 50.0% | 78.2% | -% of Col |
| Permanent Resident | 3 | 1 | 0 | 15 | 3 | 1 | 0 | 23 | |
| | 13.0% | 4.3% | 0.0% | 65.2% | 13.0% | 4.3% | 0.0% | 100.0% | |
| | 1.5% | 33.3% | ***. % | 34.1% | 42.9% | 33.3% | 0.0% | 8.8% | |
| Other | 12 | 1 | 0 | 16 | 1 | 2 | 2 | 34 | |
| | 35.3% | 2.9% | 0.0% | 47.1% | 2.9% | 5.9% | 5.9% | 100.0% | |
| | 6.0% | 33.3% | ***. % | 36.4% | 14.3% | 66.7% | 50.0% | 13.0% | |
| No Response | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ***. % | ***. % | ***. % | ***. % | ***. % | ***. % | ***. % | ***. % | |
| | 0.0% | 0.0% | ***. % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| TOTAL | 201 | 3 | 0 | 44 | 7 | 3 | 4 | 262 | |
| | 76.7% | 1.1% | 0.0% | 16.8% | 2.7% | 1.1% | 1.5% | 100.0% | |
| | 100.0% | 100.0% | ***. % | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |



American Chemical Society

1155 SIXTEENTH STREET, N.W.
WASHINGTON, D.C. 20036
Phone (202) 872-4600

February 17, 1984

Dear Member:

The American Chemical Society annually reports on the economic status of the chemical profession as reflected in a sample survey of its U.S. membership. You are one of about 22,000 randomly selected members being asked to participate in this survey, which is conducted under the aegis of the Council Committee on Economic Status.

At the request of the Committee on Professional Training this year's study will also gather information on the adequacy of undergraduate education as preparation for a career in chemistry. Please use the space on the questionnaire or additional sheets for comments you may wish to make on this very important topic.

Your participation will be an important service to your colleagues, because a high response rate is needed to assure accurate results. Please take a few minutes now, while the survey form is before you, to fill out the questionnaire and return it promptly in the enclosed business reply envelope. The procedure is confidential, and the information you provide will be combined with returns from other members so that only aggregated data will be available. A summary of the findings will appear in CHEMICAL AND ENGINEERING NEWS later this spring.

Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads "John K. Crum".

John K. Crum

Encl.

TR/nb

1984 Comprehensive Salary and Employment Status Survey

A. Check the one specialty most closely related to your present (or most recent) principal employment:

- | | | | |
|---------------------------------------|----------------------------|--|-----------------------------|
| Chemical engineering | 1 <input type="checkbox"/> | Pharmaceutical/medicinal/ | |
| Biochemistry | 2 <input type="checkbox"/> | clinical chemistry | 8 <input type="checkbox"/> |
| Agricultural/food chemistry | 3 <input type="checkbox"/> | Physical chemistry | 9 <input type="checkbox"/> |
| Analytical chemistry | 4 <input type="checkbox"/> | Theoretical chemistry | 10 <input type="checkbox"/> |
| Environmental chemistry | 5 <input type="checkbox"/> | Polymer/macromolecular chemistry | 11 <input type="checkbox"/> |
| Organic chemistry | 6 <input type="checkbox"/> | Other chemical specialty | 12 <input type="checkbox"/> |
| Inorganic chemistry | 7 <input type="checkbox"/> | Non-chemical specialty | 13 <input type="checkbox"/> |

B. Employment status (Please check the one response that most aptly describes your status on March 1, 1984.):

- | | | |
|--|----------------------------|---|
| Postdoctoral or other fellowship | 1 <input type="checkbox"/> | } → Principal ANNUAL SALARY on March 1, 1984. (Do not include payments for second jobs, overtime work, summer teaching, or other supplemental employment.) |
| Employed full-time | 2 <input type="checkbox"/> | |
| Not employed | | |
| and seeking employment | 3 <input type="checkbox"/> | |
| and not seeking employment | 4 <input type="checkbox"/> | |
| Employed part-time | 5 <input type="checkbox"/> | \$ _____ per year |

C. If you were unemployed on March 1, how long had you been unemployed? _____ months
D. Sex: Male 1 Female 2
E. Age at last birthday before March 1, 1984: _____
F. Citizenship or visa status:

- | | |
|--|----------------------------|
| U.S. citizen | 1 <input type="checkbox"/> |
| U.S. permanent resident visa | 2 <input type="checkbox"/> |
| Other | 3 <input type="checkbox"/> |

G. Racial or ethnic group:

- | | | | |
|---|----------------------------|---|----------------------------|
| White | 1 <input type="checkbox"/> | Asian or Pacific Islander (Chinese, Japanese, Korean, Filipino, Subcontinental Indian) | 4 <input type="checkbox"/> |
| Black (not of Hispanic origin) | 2 <input type="checkbox"/> | Hispanic (Mexican, Puerto Rican, Cuban, Spanish) | 5 <input type="checkbox"/> |
| American Indian or Alaskan Native | 3 <input type="checkbox"/> | None of the above | 6 <input type="checkbox"/> |

H. State of residence: _____
I. Please indicate your ACS local section:

- | | | | | | |
|--|----------------------------|------------------------|-----------------------------|------------------------------|-----------------------------|
| Southern California or Orange Co. | 1 <input type="checkbox"/> | New York | 6 <input type="checkbox"/> | Southeastern Texas | 11 <input type="checkbox"/> |
| California or Santa Clara Valley | 2 <input type="checkbox"/> | North Jersey | 7 <input type="checkbox"/> | Washington (DC) | 12 <input type="checkbox"/> |
| Chicago | 3 <input type="checkbox"/> | Northeastern | 8 <input type="checkbox"/> | None of the above | 13 <input type="checkbox"/> |
| Cleveland or Akron | 4 <input type="checkbox"/> | Philadelphia | 9 <input type="checkbox"/> | | |
| Delaware | 5 <input type="checkbox"/> | Pittsburgh | 10 <input type="checkbox"/> | | |

J. How long have you worked for your current employer? _____ Years _____ Months

If your current (or most recent) principal employer is an academic institution, please skip to Question N.

K. Current (or most recent) principal employer:

- | | | | |
|--|-----------------------------|--|-----------------------------|
| Private Industry | | Government | |
| Manufacturing | | Federal (including military) | 11 <input type="checkbox"/> |
| Chemicals | 1 <input type="checkbox"/> | State or local | 12 <input type="checkbox"/> |
| Coatings | 2 <input type="checkbox"/> | Hospital, independent laboratory | 13 <input type="checkbox"/> |
| Food | 3 <input type="checkbox"/> | Other non-profit organization, other research institution | 14 <input type="checkbox"/> |
| Metals, minerals | 4 <input type="checkbox"/> | Self-employed | 15 <input type="checkbox"/> |
| Paper | 5 <input type="checkbox"/> | Other employment | 16 <input type="checkbox"/> |
| Petroleum | 6 <input type="checkbox"/> | | |
| Pharmaceuticals, personal care | 7 <input type="checkbox"/> | | |
| Rubber | 8 <input type="checkbox"/> | | |
| Other manufacturers | 9 <input type="checkbox"/> | | |
| Non-manufacturing | 10 <input type="checkbox"/> | | |

L. Work function (Please check only one.):

- | | | | |
|---|----------------------------|--|-----------------------------|
| Research and Development | | Production, Quality control | 6 <input type="checkbox"/> |
| Management or administration of R&D | 1 <input type="checkbox"/> | Forensic analysis, Other laboratory analysis | 7 <input type="checkbox"/> |
| Basic research | 2 <input type="checkbox"/> | Writing, Editing, Abstracting, Library service | 8 <input type="checkbox"/> |
| Applied research, Development, Design | 3 <input type="checkbox"/> | Data processing | 9 <input type="checkbox"/> |
| General management, administration (other than research and development) | 4 <input type="checkbox"/> | Consulting | 10 <input type="checkbox"/> |
| Marketing, Sales, Purchasing, Technical Service, | | Other | 11 <input type="checkbox"/> |
| Economic evaluation | 5 <input type="checkbox"/> | | |

M. Number of subordinates reporting to you directly or through others (If none, please write "0").:

Professionals _____ Technicians _____ Other _____

Please skip to Question R.

N. Current or most recent principal academic employer:

Private college or university where the highest degree offered in chemical science is:

Public college or university where the highest degree offered in chemical science is:

- | | | | |
|-----------------------------|----------------------------|------------|----------------------------|
| Doctorate | 1 <input type="checkbox"/> | Doctorate | 5 <input type="checkbox"/> |
| Master's | 2 <input type="checkbox"/> | Master's | 6 <input type="checkbox"/> |
| Bachelor's | 3 <input type="checkbox"/> | Bachelor's | 7 <input type="checkbox"/> |
| Associate | 4 <input type="checkbox"/> | Associate | 8 <input type="checkbox"/> |
| High school or other school | | 9 | 9 <input type="checkbox"/> |

O. Rank:

- | | | | |
|---------------------|----------------------------|-------------------------|----------------------------|
| Professor | 1 <input type="checkbox"/> | Instructor or lecturer | 4 <input type="checkbox"/> |
| Associate professor | 2 <input type="checkbox"/> | Non-faculty | 5 <input type="checkbox"/> |
| Assistant professor | 3 <input type="checkbox"/> | Unranked faculty member | 6 <input type="checkbox"/> |

P. What percent of your principal academic position is devoted to:

Teaching _____ %
 Research _____ %
 Administration _____ %
 Total = 100%

Q. My basic annual salary covers service for: 9-10 months 1 10-12 months 2

R. For EACH degree you have earned, please indicate the FIELD and LEVEL of the degree by writing the YEAR you received it in the appropriate row and column below.

| FIELD | LEVEL | | |
|----------------------|------------|----------|-----------|
| | Bachelor's | Master's | Doctorate |
| Chemistry | 19 _____ | 19 _____ | 19 _____ |
| Biochemistry | 19 _____ | 19 _____ | 19 _____ |
| Chemical Engineering | 19 _____ | 19 _____ | 19 _____ |
| Business | 19 _____ | 19 _____ | 19 _____ |
| Other | 19 _____ | 19 _____ | 19 _____ |

Please describe the institution from which you received your bachelor's degree:

- S1. A private institution in the U.S. 1
 A public institution in the U.S. 2
 An institution outside the U.S. 3
- S2. Highest degree offered in Science and Engineering:
 Bachelor's degree 1 Master's degree 2 Doctorate 3
- S3. Number of students:
 Less than 1,500 students 1 10,000 to 20,000 students 4
 1,500 to 5,000 students 2 more than 20,000 students 5
 5,000 to 10,000 students 3

**T. Your approximate undergraduate grade point average was _____ Overall. Use: A = 4.0
 B = 3.0
 C = 2.0**

U. Did you complete an ACS certified bachelor's degree in chemistry?

 Yes No

Please evaluate current undergraduate education and the usefulness of your own undergraduate education. Areas of undergraduate study that ACS recommends for a bachelor's degree in chemistry are listed below. Keeping in mind that you may use a particular area of study both on and off the job and at various stages of your career in chemistry, please check the appropriate boxes.

In current undergraduate curricula, this area is

- very important:** it should be required.
- somewhat important:** it should be recommended.
- not very important:** it doesn't need to be recommended.

How useful was your college work in each area?

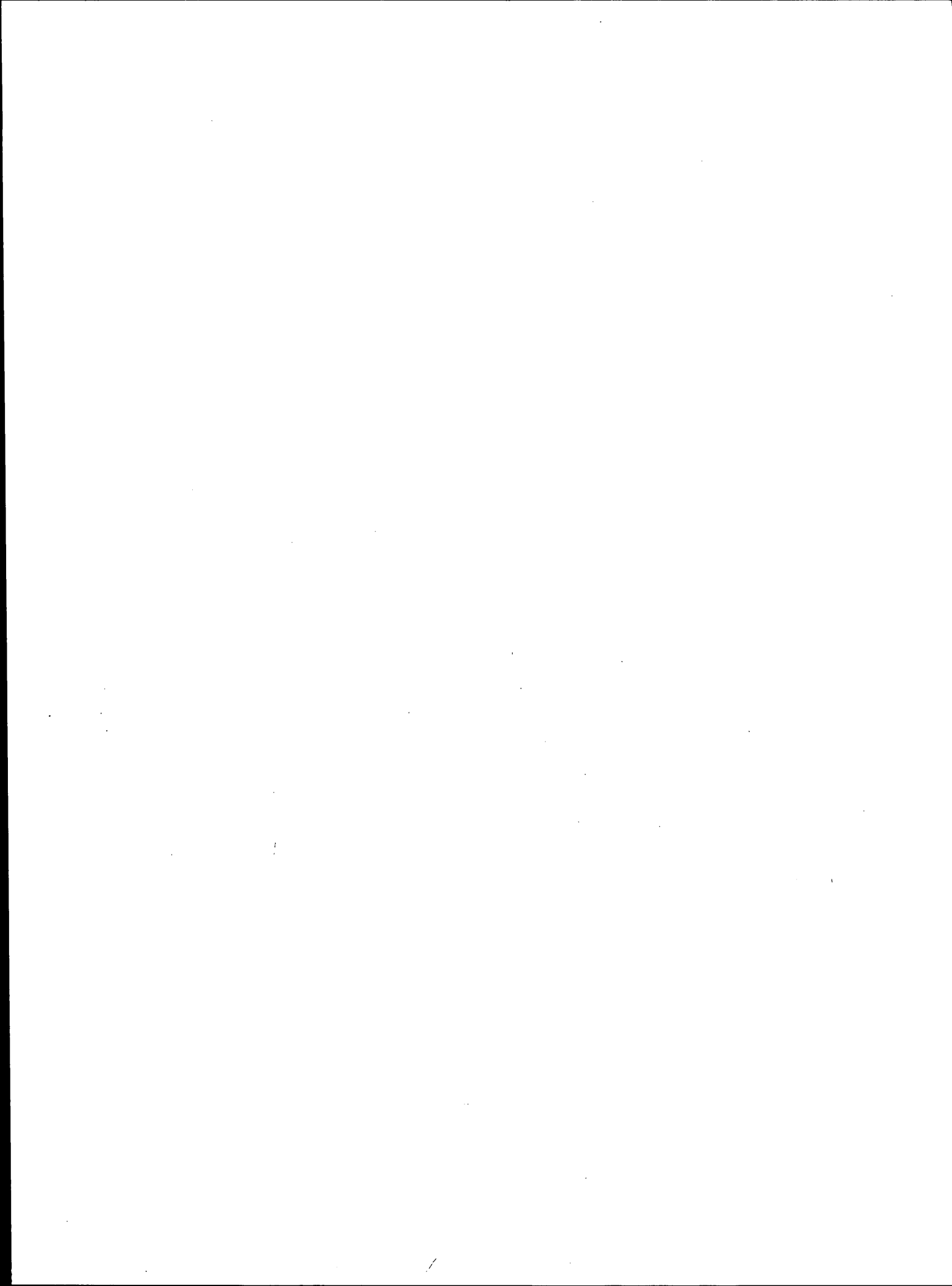
- It has been **very useful.**
- It was **somewhat useful.**
- It was of **little use.**
- I **did no work** in this area.

| | YOUR RECOMMENDATION | | | YOUR OWN UNDERGRADUATE WORK | | | |
|--|--------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|
| | Very Important | Somewhat Important | Not Very Important | Very Useful | Somewhat Useful | Little Use | Did No Work |
| <i>Areas of Study Recommended by ACS</i> | | | | | | | |
| Biology and Life Sciences | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Social and Behavioral Sciences | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Business and Management | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Foreign Languages | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Humanities and Fine Arts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Writing and Public Speaking | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Chemistry Information Retrieval | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Computing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Calculus, Linear Algebra, Statistics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Laboratory Physics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Chemistry | | | | | | | |
| Organic Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Inorganic Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Analytical Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Physical Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Biochemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Polymer Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Surface Chemistry and Catalysis | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Toxicology | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Geochemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Health and Safety Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Industrial Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Chemical Engineering | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS:

Please return within 10 days to the American Chemical Society,
Statistical Services, 1155 16th Street, N.W., Washington, D.C. 20036

Thank You.













ACS STATISTICAL SERVICES PUBLICATIONS

Salaries: Statistical Services annually surveys the ACS membership, gathering detailed information on member chemists and chemical engineers. The reports based on this survey contain statistical tables describing the respondents' employment status, employers, work function and specialty, salaries, and geographic and other demographic characteristics.

Reports are available for each year from 1973 through the current year.

Starting Salaries: Statistical Services also surveys new graduates in chemistry and chemical engineering each summer, and publishes reports detailing the graduates' employment status, post-graduation plans, starting salaries, and other employment and demographic characteristics.

Reports are available for each year from 1975 through the current year.

Professionals in Chemistry: The Professionals in Chemistry series compiles information concerning chemists and chemical engineers from ACS, government, and private industry sources. It details information on demography, employment, salaries, education, and supply and demand for the entire chemical profession.

Reports for each year from 1975 through 1978, and combined reports for 1979-1980, 1980-81, and 1981-82 are available.

Special Reports:

1975 Report of Chemists' Salaries and Employment Status Supplement:
Economic Status of Women in the ACS.

Women Chemists 1980: A supplemental report on the ACS's 1980 Survey of Salaries and Employment.

For prices and ordering information, please call or write:

Distribution Office
American Chemical Society
1155 Sixteenth Street, N.W.
Washington, D.C. 20036

Phone: (202) 872-4363

ISBN 0-8412-0870-0