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The results of the Eighteenth Annual AMS Survey were published in two parts in the October and November issues of the *Notices* of the American Mathematical Society. A copy of the other part, "Doctorates and Jobs, 1974 Report" by R. D. Anderson, is available upon request.

EIGHTEENTH ANNUAL AMS SURVEY

This Survey is the eighteenth in an annual series begun in 1957 by the Society's Committee on the Economic Status of Teachers. The present Survey is under the direction of the Committee on Employment and Educational Policy.

As has been the practice for several years, questionnaires were sent to departments in the mathematical sciences, asking for information on salaries. The two-year colleges were sent a form which allowed them to report salaries without regard to academic rank, because many of the junior colleges do not rank their teaching staffs. For the reports on salaries, the departments are divided into groups according to the highest degree offered in the mathematical sciences.

The Doctorate granting departments are in six groups as follows:

Group I and Group II include the leading departments of mathematics according to the findings of the American Council of Education in 1969* in which departments were ranked according to the quality of their graduate faculty. Group I is composed of the 27 departments ranked highest; Group II is made up of the other 38 leading departments listed in that report.

Group III contains all other U. S. A. departments of mathematics.

Group IV includes departments of statistics, biostatistics and biometrics.

Group V includes all other departments in the mathematics sciences.

Group VI consists of all departments in the mathematical sciences from Canadian universities.

The total number of departments in the mathematical sciences in the various groups are given below. Only doctorate granting Canadian departments are grouped separately, the two-year colleges and those granting bachelor and master degrees are included with U. S. departments.

| Type of Department | Number of Departments | Percentage Responding |
|---------------------------|-----------------------|-----------------------|
| <u>Doctorate Granting</u> | | |
| Group I | 27 | 63 |
| Group II | 38 | 68 |
| Group III | 91 | 64 |
| Group IV | 65 | 49 |
| Group V | 106 | 28 |
| Group VI | 30 | 50 |
| Total Doctorate Granting | 357 | 50 |
| Master Degree Granting | 325 | 39 |
| Bachelor Degree Granting | 1014 | 27 |
| Two-Year Colleges | 855 | 25 |
| Total, All Departments | 2551 | |

Faculty Salaries

Departments submitted a minimum, median, and maximum salary figure for each of four academic ranks, both for staff members with and without doctorates, creating forty-eight categories of salary figures. In some categories, relatively few departments reported and, inasmuch as there were no significant figures available, salaries are not listed.

The 1974 Survey is based on returns from 791 departments in the mathematical sciences. The number of faculty positions in these departments are reported in the following table. The numbers are slightly higher than would be found by adding positions from the following three pages because all faculty positions are included in the figures including categories which had too few returns to be used in the salary compilation, for example, two doctoral granting Group I departments which had instructors without a doctorate.

NUMBER OF FACULTY POSITIONS IN DEPARTMENTS SUBMITTING USABLE RETURNS

| | 1973-1974 | 1974-1975 |
|--|-----------|-----------|
| <u>Doctorate, Master and Bachelor Granting Departments</u> | | |
| Total Faculty | 9,484 | 9,275 |
| With Tenure | 5,729 | 6,000 |
| Women | 867 | 838 |
| With Tenure | 452 | 452 |
| <u>Two-Year Colleges</u> | | |
| Total Faculty | 1,418 | 1,439 |
| With Tenure | 880 | 920 |
| Women | 264 | 266 |
| With Tenure | 125 | 133 |

*The findings were published in "A Rating of Graduate Programs" by Kenneth D. Roose and Charles J. Anderson, American Council of Education, Washington, D. C. 1969, 115 pp. The information on mathematics was reprinted by the Society and can be found on pages 338-340 of the February 1971 issue of these *Notices*.

SIZE OF FACULTY
(in hundreds of dollars)

1973—1974 1974—1975

FACULTY **WOMEN** **FACULTY** **WOMEN**

With *With* *With* *With*

Total **Tenure** **Total** **Tenure**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

DOCTORATE GRANTING DEPARTMENTS. Group I

WITH DOCTORATE

Instructor 66 0 5 0 61 0 5 0

Asst. Prof. 169 3 10 2 169 2 5 1

Asso. Prof. 195 177 7 6 182 168 6 5

Professor 406 406 6 6 413 413 7 7

836 586 28 14 825 583 23 13

DOCTORATE GRANTING DEPARTMENTS. Group II

WITHOUT DOCTORATE

Instructor 31 7 9 1 25 7 7 1

WITH DOCTORATE

Instructor 31 0 5 0 30 0 2 0

Asst. Prof. 320 16 16 1 292 18 19 1

Asso. Prof. 303 262 15 15 308 293 16 15

Professor 345 342 13 9 357 355 8 8

999 620 49 25 987 666 45 24

DOCTORATE GRANTING DEPARTMENTS. Group III

WITHOUT DOCTORATE

Instructor 88 22 33 13 65 15 24 9

Asst. Prof. 68 45 21 19 83 56 25 20

Asso. Prof. 54 54 4 4 54 52 2 2

Professor 19 15 0 0 14 13 0 0

229 136 58 36 216 136 51 31

DOCTORATE GRANTING DEPARTMENTS. Group IV

WITHOUT DOCTORATE

Instructor 29 0 5 0 16 0 2 0

Asst. Prof. 502 71 29 5 486 82 36 6

Asso. Prof. 498 438 21 20 532 467 21 20

Professor 412 397 10 10 438 438 10 10

1441 906 65 35 1472 987 69 36

DOCTORATE GRANTING DEPARTMENTS. Group V

WITH DOCTORATE

Instructor 5 0 1 0 3 0 1 0

Asst. Prof. 132 2 8 0 137 5 11 0

Asso. Prof. 117 108 2 2 123 99 1 1

Professor 174 173 2 2 172 164 2 2

428 283 13 4 435 268 15 3

SALARIES
(in hundreds of dollars)

1973—1974 1974—1975

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

Minimum **Median** **Minimum** **Median** **Maximum**

1973—1974 **1974—1975**

DOCTORATE GRANTING DEPARTMENTS. Group I

WITH DOCTORATE

Instructor 66 0 5 0 61 0 5 0

Asst. Prof. 169 3 10 2 169 2 5 1

Asso. Prof. 195 177 7 6 182 168 6 5

Professor 406 406 6 6 413 413 7 7

836 586 28 14 825 583 23 13

DOCTORATE GRANTING DEPARTMENTS. Group II

WITHOUT DOCTORATE

Instructor 31 7 9 1 25 7 7 1

WITH DOCTORATE

Instructor 31 0 5 0 30 0 2 0

Asst. Prof. 320 16 16 1 292 18 19 1

Asso. Prof. 303 262 15 15 308 293 16 15

Professor 345 342 13 9 357 355 8 8

999 620 49 25 987 666 45 24

DOCTORATE GRANTING DEPARTMENTS. Group III

WITHOUT DOCTORATE

Instructor 88 22 33 13 65 15 24 9

Asst. Prof. 68 45 21 19 83 56 25 20

Asso. Prof. 54 54 4 4 54 52 2 2

Professor 19 15 0 0 14 13 0 0

229 136 58 36 216 136 51 31

DOCTORATE GRANTING DEPARTMENTS. Group IV

WITHOUT DOCTORATE

Instructor 29 0 5 0 16 0 2 0

Asst. Prof. 502 71 29 5 486 82 36 6

Asso. Prof. 498 438 21 20 532 467 21 20

Professor 412 397 10 10 438 438 10 10

1441 906 65 35 1472 987 69 36

DOCTORATE GRANTING DEPARTMENTS. Group V

WITH DOCTORATE

Instructor 5 0 1 0 3 0 1 0

Asst. Prof. 132 2 8 0 137 5 11 0

Asso. Prof. 117 108 2 2 123 99 1 1

Professor 174 173 2 2 172 164 2 2

428 283 13 4 435 268 15 3

DOCTORATE GRANTING DEPARTMENTS. Group I

WITH DOCTORATE

Instructor 66 0 5 0 61 0 5 0

Asst. Prof. 169 3 10 2 169 2 5 1

Asso. Prof. 195 177 7 6 182 168 6 5

Professor 406 406 6 6 413 413 7 7

836 586 28 14 825 583 23 13

DOCTORATE GRANTING DEPARTMENTS. Group II

WITHOUT DOCTORATE

Instructor 31 7 9 1 25 7 7 1

WITH DOCTORATE

Instructor 31 0 5 0 30 0 2 0

Asst. Prof. 320 16 16 1 292 18 19 1

Asso. Prof. 303 262 15 15 308 293 16 15

Professor 345 342 13 9 357 355 8 8

999 620 49 25 987 666 45 24

DOCTORATE GRANTING DEPARTMENTS. Group III

WITHOUT DOCTORATE

Instructor 88 22 33 13 65 15 24 9

Asst. Prof. 68 45 21 19 83 56 25 20

Asso. Prof. 54 54 4 4 54 52 2 2

Professor 19 15 0 0 14 13 0 0

229 136 58 36 216 136 51 31

DOCTORATE GRANTING DEPARTMENTS. Group IV

WITHOUT DOCTORATE

Instructor 29 0 5 0 16 0 2 0

Asst. Prof. 502 71 29 5 486 82 36 6

Asso. Prof. 498 438 21 20 532 467 21 20

Professor 412 397 10 10 438 438 10 10

1441 906 65 35 1472 987 69 36

DOCTORATE GRANTING DEPARTMENTS. Group V

WITH DOCTORATE

Instructor 5 0 1 0 3 0 1 0

Asst. Prof. 132 2 8 0 137 5 11 0

Asso. Prof. 117 108 2 2 123 99 1 1

Professor 174 173 2 2 172 164 2 2

428 283 13 4 435 268 15 3

DOCTORATE GRANTING DEPARTMENTS. Group V

WITH DOCTORATE

Instructor 5 0 1 0 3 0 1 0

Asst. Prof. 132 2 8 0 137 5 11 0

Asso. Prof. 117 108 2 2 123 99 1 1

Professor 174 173 2 2 172 164 2 2

428 283

| | | | | | | | | | | | | | |
|-------------|-----|-----|----|---|-----|-----|----|---|--------------|-----------|--------------|--------------|-----------|
| Instructor | 8 | 0 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | --- | --- | --- | --- |
| Asst. Prof. | 160 | 2 | 10 | 0 | 76 | 5 | 13 | 0 | 90(122-137) | (130-148) | (138-162)173 | 99(120-145) | (136-152) |
| Asso. Prof. | 121 | 78 | 3 | 2 | 117 | 75 | 1 | 1 | 115(144-166) | (157-181) | (176-199)232 | 121(152-176) | (163-195) |
| Professor | 149 | 149 | 1 | 1 | 158 | 155 | 4 | 3 | 147(195-243) | (227-265) | (242-300)450 | 154(200-245) | (231-283) |
| | 438 | 229 | 15 | 3 | 360 | 235 | 18 | 4 | | | | | |

Number of usable Returns: 15

DOCTORATE GRANTING DEPARTMENTS, Group VI

| | | | | | | | | | | | | | |
|-----------------------|-----|-----|----|---|-----|-----|----|---|--------------|-----------|--------------|--------------|-----------|
| <u>WITH DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 5 | 1 | 0 | 0 | 5 | 0 | 1 | 0 | 94(102-131) | (130-148) | (128-162)166 | 104(112-138) | (134-162) |
| Asst. Prof. | 177 | 39 | 5 | 2 | 162 | 32 | 7 | 2 | 119(128-162) | (148-186) | (175-212)252 | 125(144-178) | (165-201) |
| Asso. Prof. | 252 | 206 | 4 | 4 | 261 | 225 | 3 | 2 | 160(174-210) | (225-248) | (250-303)352 | 172(190-230) | (245-270) |
| Professor | 147 | 143 | 1 | 1 | 156 | 155 | 1 | 1 | | | | | |
| | 581 | 389 | 10 | 7 | 584 | 412 | 12 | 5 | | | | | |

Number of usable Returns: 127

MASTER DEGREE GRANTING DEPARTMENTS

| | | | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-----------|--------------|--------------|-----------|
| <u>WITHOUT DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 220 | 46 | 92 | 16 | 182 | 34 | 71 | 7 | 70(86-105) | (90-115) | (97-119)173 | 74(92-120) | (97-122) |
| Asst. Prof. | 385 | 271 | 87 | 65 | 365 | 283 | 83 | 67 | 82(105-124) | (112-133) | (118-141)218 | 86(112-131) | (119-142) |
| Asso. Prof. | 198 | 189 | 29 | 29 | 202 | 194 | 31 | 31 | 106(126-149) | (133-160) | (140-168)232 | 107(138-152) | (145-161) |
| Professor | 86 | 82 | 7 | 7 | 81 | 79 | 6 | 6 | 120(159-195) | (166-202) | (168-210)281 | 120(169-206) | (175-220) |
| | 889 | 588 | 215 | 117 | 830 | 590 | 191 | 111 | | | | | |

Number of usable Returns: 285

BACHELOR DEGREE GRANTING DEPARTMENTS

| | | | | | | | | | | | | | |
|--------------------------|------|------|-----|----|------|------|-----|----|-------------|-----------|--------------|-------------|-----------|
| <u>WITHOUT DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 21 | 2 | 3 | 0 | 15 | 0 | 3 | 0 | 95(113-130) | (123-138) | (130-149)250 | 87(117-135) | (129-144) |
| Asst. Prof. | 662 | 134 | 51 | 12 | 628 | 135 | 54 | 12 | 89(134-152) | (145-167) | (155-182)277 | 95(141-160) | (152-172) |
| Asso. Prof. | 634 | 495 | 51 | 44 | 675 | 565 | 55 | 52 | 92(164-195) | (175-210) | (190-236)335 | 99(171-202) | (183-219) |
| Professor | 459 | 426 | 22 | 22 | 487 | 468 | 21 | 21 | | | | | |
| | 1778 | 1057 | 127 | 78 | 1805 | 1168 | 133 | 85 | | | | | |

Number of usable Returns: 285

BACHELOR DEGREE GRANTING DEPARTMENTS

| | | | | | | | | | | | | | |
|--------------------------|-----|-----|-----|----|-----|-----|-----|----|--------------|-----------|--------------|--------------|-----------|
| <u>WITHOUT DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 137 | 10 | 45 | 1 | 101 | 13 | 39 | 1 | 30(88-105) | (90-108) | (90-110)173 | 72(92-113) | (95-115) |
| Asst. Prof. | 370 | 178 | 74 | 37 | 330 | 186 | 67 | 40 | 70(99-119) | (101-123) | (103-130)175 | 77(102-125) | (107-129) |
| Asso. Prof. | 205 | 181 | 38 | 32 | 194 | 175 | 34 | 31 | 80(110-140) | (116-141) | (122-147)243 | 84(118-146) | (120-150) |
| Professor | 59 | 53 | 9 | 9 | 58 | 55 | 9 | 9 | 100(129-178) | (129-178) | (140-180)284 | 100(140-184) | (147-185) |
| | 771 | 422 | 166 | 79 | 683 | 429 | 149 | 81 | | | | | |

Number of usable Returns: 214

TWO-YEAR COLLEGES

| | | | | | | | | | | | | | |
|--------------------------|-----|-----|----|----|-----|-----|-----|----|-------------|-----------|--------------|-------------|-----------|
| <u>WITHOUT DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 12 | 0 | 4 | 1 | 11 | 1 | 5 | 1 | 78(107-123) | (110-128) | (110-132)175 | 82(111-128) | (114-132) |
| Asst. Prof. | 373 | 29 | 37 | 3 | 369 | 40 | 46 | 5 | 76(125-150) | (128-154) | (130-156)222 | 80(130-153) | (130-158) |
| Asso. Prof. | 284 | 186 | 20 | 14 | 307 | 205 | 23 | 16 | 93(150-197) | (155-204) | (155-213)314 | 99(158-203) | (160-212) |
| Professor | 241 | 220 | 29 | 25 | 226 | 215 | 27 | 25 | | | | | |
| | 910 | 435 | 90 | 43 | 913 | 461 | 101 | 47 | | | | | |

Number of usable Returns: 214

TWO-YEAR COLLEGES

| | | | | | | | | | | | | | |
|--------------------------|------|-----|-----|-----|------|-----|-----|-----|------------|-----------|--------------|-------------|-----------|
| <u>WITHOUT DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 1282 | 812 | 246 | 119 | 1289 | 842 | 248 | 125 | 63(92-120) | (104-145) | (112-167)270 | 67(100-130) | (110-151) |
| Asst. Prof. | | | | | | | | | | | | | |
| Asso. Prof. | | | | | | | | | | | | | |
| Professor | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Number of usable Returns: 214

TWO-YEAR COLLEGES

| | | | | | | | | | | | | | |
|-----------------------|-----|----|----|---|-----|----|----|---|-------------|-----------|--------------|-------------|-----------|
| <u>WITH DOCTORATE</u> | | | | | | | | | | | | | |
| Instructor | 136 | 68 | 18 | 6 | 150 | 78 | 18 | 8 | 86(113-160) | (117-165) | (120-183)350 | 90(119-169) | (120-183) |
| Asst. Prof. | | | | | | | | | | | | | |
| Asso. Prof. | | | | | | | | | | | | | |
| Professor | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Number of usable Returns: 214

TWO-YEAR COLLEGES

Starting Salary Survey for New Recipients of the Doctorate

The latest figures in this Survey were compiled from questionnaires sent to individuals who received a doctorate in the mathematical sciences during the 1973-1974 academic year from universities in the United States and Canada. This report includes summaries from previous years; more details for 1973 will be found on page 276 of the October 1973 issue of these *Notices*.

Of the 1,148 questionnaires distributed there were 456 returns of which 379 (340 men and 39 women) were used in the tables below, 102 were returned to Providence for bad addresses. Of the unused returns 21 did not have sufficient information for use in the compilation, 18 persons (16 men and 2 women) were unemployed, 3 persons (2 men and 1 woman) were not seeking employment, and 35 men have accepted positions in foreign countries, in most cases these were foreign nationals who returned to their homeland after completion of studies in the United States.

The Teaching and Teaching and Research categories were combined in the 1974 questionnaire into one group because it is difficult to determine how much time has to be devoted to research in order to be included in the second of the above mentioned categories. The result is that there are no comparable figures before 1974. For the convenience of the reader we have repeated information published last year for each of the categories and then followed it by the new combined category. It should be noted that in 1973 there were nearly four times as

many individuals listed in the Teaching than in the Teaching and Research categories.

Eighty percent of the doctorates included in this report accepted academic positions, 16% accepted positions in business or industry and 4% in government. Of those reporting academic positions, 50% held positions in doctoral granting departments, 22% in departments granting master's as the highest degree, 23% in bachelor granting departments, 3% in junior colleges and 1% in high schools.

Of all those reporting, including those not used in the salary compilations, 82% accepted jobs in the United States, 6% in Canada and 8% in other countries; 4% were not employed at the time of reporting.

KEY TO TABLE

Salaries are listed in hundreds of dollars. Dashes indicate that not enough returns were received to warrant including the figures. Years listed refer to the academic year ending in the listed year. M and F are Male and Female respectively. One year experience means that the persons had experience limited to one year or less in the same or a similar position to the one reported; some persons receiving a doctorate had been employed in their present position for several years. (X + Y) means there are X men and Y women in the sample. Quartile figures are given only in cases where the number of responses are large enough to make them meaningful.

NINE-MONTH SALARIES

| Year | Min. | Q ₁ | Median | Q ₃ | Max. |
|------------------|------|----------------|--------|----------------|------|
| TEACHING* | | | | | |
| 1971 | 70 | 105 | 110 | 120 | 178 |
| 1972 | 61 | 105 | 115 | 125 | 192 |
| 1973 | 60 | 107 | 116 | 127 | 178 |
| 1972M | 61 | 105 | 115 | 125 | 192 |
| 1972F | 94 | 105 | 110 | 125 | 192 |
| 1973M | 60 | 108 | 116 | 128 | 178 |
| 1973F | 60 | 105 | 115 | 124 | 150 |

| Year | Min. | Median | Max. |
|-------------------------------|------|--------|------|
| TEACHING AND RESEARCH* | | | |
| 1971 | 88 | 110 | 156 |
| 1972 | 95 | 115 | 160 |
| 1973 | 90 | 117 | 170 |
| 1972M | 100 | 116 | 160 |
| 1972F | 95 | 105 | 135 |
| 1973M | 90 | 117 | 170 |
| 1973F | 105 | 113 | 135 |

| Year | Min. | Median | Max. |
|--|------|--------|------|
| TEACHING OR TEACHING AND RESEARCH* (215 + 25) | | | |
| 1974 | 85 | 115 | 200 |
| 1974M | 85 | 115 | 200 |
| 1974F | 90 | 108 | 145 |
| one year experience (171 + 19) | | | |
| 1974M | 85 | 113 | 156 |
| 1974F | 90 | 106 | 141 |

| Year | Min. | Median | Max. |
|-----------------------------|------|--------|------|
| RESEARCH (9 + 1) | | | |
| 1971 | 90 | 110 | 153 |
| 1972 | 60 | 111 | 155 |
| 1973 | 30 | 110 | 120 |
| 1974 | 50 | 80 | 130 |
| 1973M | 30 | 110 | 120 |
| 1973F | --- | --- | --- |
| 1974M | 50 | 81 | 130 |
| 1974F | --- | 70 | --- |
| one year experience (8 + 1) | | | |
| 1974M | 50 | 80 | 130 |
| 1974F | --- | 70 | --- |

TWELVE-MONTH SALARIES

| Year | Min. | Median | Max. | Year | Min. | Median | Max. |
|-------------------------------|------|--------|------|---|------|--------|------|
| TEACHING* | | | | GOVERNMENT (14 + 1) | | | |
| 1971 | 80 | 126 | 190 | 1971 | 117 | 151 | 290 |
| 1972 | 92 | 124 | 210 | 1972 | 70 | 155 | 315 |
| 1973 | 104 | 127 | 270 | 1973 | 95 | 168 | 250 |
| 1972M | 92 | 125 | 210 | 1974 | 120 | 197 | 287 |
| 1972F | 103 | 104 | 120 | 1972M | 70 | 155 | 315 |
| 1973M | 104 | 133 | 270 | 1972F | 110 | 156 | 160 |
| 1973F | 105 | 116 | 127 | 1973M | 95 | 169 | 250 |
| TEACHING AND RESEARCH* | | | | 1973F | 120 | 140 | 173 |
| 1971 | 100 | 137 | 165 | 1974M | 120 | 199 | 287 |
| 1972 | 100 | 125 | 205 | 1974F | --- | 177 | --- |
| 1973 | 85 | 159 | 172 | one year experience (5 + 0) | | | |
| 1972M | 100 | 127 | 185 | 1974M | 120 | 142 | 197 |
| 1972F | 106 | --- | 205 | 1974F | --- | --- | --- |
| 1973M | 85 | 159 | 172 | BUSINESS AND INDUSTRY (58 + 3) | | | |
| 1973F | --- | --- | --- | 1971 | 99 | 170 | 252 |

| Year | Min. | Median | Max. |
|--|------|--------|------|
| TEACHING OR TEACHING AND RESEARCH* (33 + 7) | | | |
| 1974 | 90 | 138 | 185 |
| 1974M | 90 | 146 | 185 |
| 1974F | 106 | 126 | 145 |
| one year experience (24 + 7) | | | |
| 1974M | 90 | 134 | 185 |
| 1974F | 106 | 126 | 145 |

| Year | Min. | Median | Max. |
|-----------------------------|------|--------|------|
| RESEARCH (11 + 2) | | | |
| 1971 | 60 | 120 | 181 |
| 1972 | 50 | 125 | 180 |
| 1973 | 90 | 150 | 176 |
| 1974 | 72 | 95 | 265 |
| 1972M | 50 | 126 | 180 |
| 1972F | 100 | --- | 125 |
| 1973M | 90 | 150 | 176 |
| 1973F | 120 | --- | 172 |
| 1974M | 72 | 95 | 265 |
| 1974F | 90 | --- | 180 |
| one year experience (8 + 2) | | | |
| 1974M | 72 | 89 | 145 |
| 1974F | 90 | --- | 180 |

*Figures in the Teaching and the Teaching and Research categories compiled in 1974 are not comparable to those for prior years; the two categories were combined in 1974.

SEX, RACE AND CITIZENSHIP OF NEW DOCTORATES,

Each October the American Mathematical Society publishes a list of recipients of doctoral degrees in mathematics and closely related fields in the *Notices* of the American Mathematical Society. This list is accompanied by an analysis of the recipients on the basis of sex, racial group, and citizenship. These analyses for the years 1973 and 1974 are reproduced below. They provide such information on people receiving doctorates from universities in the United States. Although not entirely complete, these figures provide an approximate analysis of each year's class of new doctorates. The racial categories used are those of the U. S. Department of Labor.

Degrees Conferred July 1972-June 1973
(*Notices*), Volume 20, Number 6, October 1973, Pages 278-301)

| RACIAL GROUP | MEN | | | | | WOMEN | | | | | TOTAL |
|---------------------|-------------|-----------|------------|-----------|---------------|-------------|--------|-----------|---------|---------------|-------------|
| | CITIZENSHIP | | | | Sub- Total | CITIZENSHIP | | | | Sub- Total | |
| | U. S. | Canada | Other | Unknown | | U. S. | Canada | Other | Unknown | | |
| Negro (Black) | 10 | | 5 | | 15 | 3 | | 1 | | 4 | 19 |
| Spanish Surname | 8 | | 28 | | 36 | 1 | | 2 | | 3 | 39 |
| Oriental | 6 | | 54 | 5 | 65 | 1 | | 8 | | 9 | 74 |
| None of those above | 651 | 21 | 83 | 13 | 768 | 72 | | 8 | | 80 | 848 |
| Unknown | 21 | | 2 | 26 | 49 | 1 | | | | 1 | 50 |
| Total Number | 696 | 21 | 172 | 44 | 933 | 78 | | 19 | | 97 | 1030 |

1115 Doctorates listed from U. S. Universities

Degrees Conferred July 1973-June 1974
(*Notices*), Volume 21, Number 6, October 1974, Pages 285-307)

| RACIAL GROUP | MEN | | | | | WOMEN | | | | | Total |
|---------------------|-------------|-----------|------------|-----------|--------------|-------------|--------|-----------|----------|----------------|------------|
| | CITIZENSHIP | | | | Total Men | CITIZENSHIP | | | | Total Women | |
| | U. S. | Canada | Other | Unknown | | U. S. | Canada | Other | Unknown | | |
| Negro/Black | 12 | | 6 | | 18 | 1 | | 1 | | 2 | 20 |
| Spanish Surname | 2 | | 18 | 1 | 21 | | | 1 | | 1 | 22 |
| American Indian | 1 | | | 1 | 2 | | | | | | 2 |
| Oriental | 13 | 1 | 87 | 6 | 107 | 1 | | 16 | | 17 | 124 |
| None of those above | 588 | 13 | 106 | 20 | 727 | 56 | | 11 | 1 | 68 | 795 |
| Unknown | 2 | 1 | | 1 | 4 | 1 | | | | 1 | 5 |
| Total Number | 618 | 15 | 217 | 29 | 879 | 59 | | 29 | 1 | 89 | 968 |

1148 Doctorates listed from U. S. Universities