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### Annual Salary Survey

This year's Annual Salary Survey is based on returns from 396 departments in mathematics and the mathematical sciences, covering 5350 academic positions held in 1966-1967 and 5865 positions held in 1967-1968.

The basis of the classification of institutions remains the same as in previous Annual Salary Surveys. Institutions are divided into two classes, Institutional Members and Institutional Non-Members. Institutional Members are further divided into Group I and Group II according to the volume of their mathematical publications in the years 1959 through 1961, Group I is composed of institutions which during that time sponsored 37 1/2 or more pages in journals published or subsidized by the Society. Group II comprises those institutions which sponsored fewer than 37 1/2 pages during the same period.

Each institution submitted a minimum, median, and maximum salary figure for each of four academic ranks, both for staff members with master's degrees and for those with doctorates, creating 48 categories of salary figures. However, so few universities and colleges in Group I reported professors with master's degrees that the samples were not large enough to yield significant figures, and there are no salaries reported for these groups; the same is true for instructors with Ph.D. degrees in Group II and institutions which are not members of the Society.

The data presented here in each of the categories is in the range of the middle 50 percent of all salary figures received for that category. For example, the data in the following reports shows that the minimum salary during 1966-1967 for a Group 1 instructor with a doctorate ranges from \$7700 to \$8500, indicating that salaries in this category are greater than \$8500 at 25% of the institutions reporting and less than \$7700 at 25% of these institutions.

All salaries refer to an academic year of 9 or 10 months. Grants and contracts are included but sabbatical payments and other part-time salaries are not.

This survey is the eleventh in an annual series begun in 1957 by the Society's Committee on the Economic Status of Teachers.

#### INSTITUTIONAL MEMBERS OF THE SOCIETY, Group I

Numbers of Usable Returns: 61

	Total N	lumber	1	SALAI	RIES (hundre		's)				
	of Staff I	Members	1	966-1967		1 19	67-1968				
MASTER'S DEGREE	1966-1967	1967-1968	Minimum	Median	Maximum	Minimum	Median	Maximum			
Instructor	98	93	60-74	70- 78	72-84	65- 78	70- 90	75- 90			
Asst. Professor	43	50	80- 95	86- 96	90-106	90-94	88-110	92-110			
Assoc. Professor	38	40	92-111	107-112	111-140	94-122	110-128	116-154			
Professor		43									
11010301	$\frac{40}{219}$	226									
DOCTORA L DEGRE	ES										
Instructor	67	70	77-85	78- 85	82- 90	80-92	82- 90	85- 92			
Asst. Professor	552	641	87-95	94- 99	100-117	92-100	100-108	110-121			
Assoc. Professor	339	349	107-122	119-137	130-155	114-134	127-145	143-166			
Professor	480	531	139-158	166-197	200-250	145-169	177-200	220-270			
A A VICTOVA	1438	$\frac{531}{1591}$	<ul> <li>Baccos (1998)</li> </ul>			1.					

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# INSTITUTIONAL MEMBERS OF THE SOCIETY, Group II

### Number of Usable Returns: 84

¥.	Total N of Staff I	fembers		1966–1967 Median	SALARIES Maximum	(hundreds of 19 Minimum	of dollars 67-1968 Median	) <u>Maximum</u>
MASTER'S DEGREE Instructor Asst. Professor Assoc. Professor Professor	<u>1966-1967</u> 293 199 106 <u>30</u> 628	$     \begin{array}{r}                                     $	60- 74 74- 82 89-100 102-132	66- 76 76- 90 95-109 104-140	70- 84 80- 98 95-120	65- 76 74- 90 92-110 106-136	71- 79 78- 96 98-116 110-136	88-104 100-126

### DOCTORAL DEGREES

Instructor Asst. Professor Assoc. Professor Professor	3 273 250 <u>271</u> 797	5 332 296 <u>309</u> 942	87- 95 101-115 123-145	94-105 106-125 131-169	100-112 115-140 142-189	105-124	98-109 115-130 140-177	106-120 121-145 150-208
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# INSTITUTIONS WHICH ARE NOT MEMBERS OF THE SOCIETY

Number of Usable Returns: 251

	Total	Number	SALARIES (hundreds of dollars)					
MASTER'S DEGREE	of Staff	Members	Minimum	1966-1967 Median		1 <u>Minimum</u>	967-1968 Median	Maximum
Instructor Asst. Professor Assoc. Professor Professor	638 581 225 <u>73</u> 1517	662 639 242 <u>86</u> 1629	60- 72 72- 84 86-100 100-125	66- 76 78- 88 88-108 105-138	92-115	65- 74 74- 86 88-107 104-128	70- 80 80- 92 92-114 114-144	73- 87 88-104 100-120 117-158

### DOCTORAL DEGREES

Instructor Asst. Professor Assoc. Professor Professor	8 236 183 <u>324</u> 751	6 272 228 <u>355</u> 861	82- 98 94-114 108-136	88-102 96-120 117-145	90-111 104-135	88-102 102-120 114-145	103-126	96-118 110-140 130-164

### SUMMARY OF ALL INSTITUTIONS SURVEYED

### Number of Usable Returns: 396

	Tetal	Number	SALARIES (hundreds of dollars)					
MASTER'S DEGREE	of Staff	Members 1967-1968		966-1967 Median	Maximum	Minimum	967-1968 <u>Median</u>	Maximum
Instructor Asst. Professor Assoc. Professor Professor	1029 823 369 <u>143</u> 2364	1027 887 398 <u>159</u> 2471	60- 72 72- 84 88-100 100-128	66- 76 78- 88 90-108 105-141	82- 98 95-116	65- 75 74- 88 90-108 106-133	70- 80 80- 94 96-116 116-150	74- 88 88-104 100-124 117-160

### DOCTORAL DEGREES

Instructor Asst. Professor Assoc. Professor Professor	78 1061 772 <u>1075</u> 2986	81 1245 873 <u>1195</u> 3394	70- 82 85- 96 100-115 118-145	75- 82 91-102 104-127 125-173	80- 96 97-112 114-143 130-202	76-90 90-100 105-124 126-154	80- 95 97-108 110-132 134-180	82- 95 104-120 120-150 140-220
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# Starting Salaries For Mathematicians with a Ph.D.

This survey is compiled from questionnaires sent to 847 individuals who received their Ph.D. in mathematics during 1966. There were 506 usable returns; in addition 13 people accepted positions abroad and are not part of the study because salaries are not comparable.

The academic life attracted the largest proportion of the Ph.D.'s in mathematics, 84% of the total reporting. Of these, 73% were primarily engaged in teaching, 10% in research, 14% in a combination of teaching and research, and 3% were on fellowships.

Universities rather than colleges attracted the greater number of Ph.D.'s, taking more than three quarters of the new Ph.D.'s in teaching.

Industry attracted only 11% of the Ph.D.'s reporting in spite of the significantly higher salaries. Only 2% reported taking jobs with the government and 3% in research institutions.

Geographically 33% accepted jobs in the northeast, 18% in the south, 22% in the midwest, 8% in the mountain states, 17% in the far west, and 3% in Canada. None of these figures are comparable with prior studies because the areas were changed to conform with those used in the Mathematical Sciences Employment Register and, for the first time, a map was included on the questionnaire to define the areas.

The great majority of the Ph.D.'s reporting had some degree of experience before receiving their doctorate. 54% had more than a year's experience, 17% had between 1/2 year and a year, and 29% had less than 1/2 year's experience in their field prior to the first postdoctoral appointment.

It is of interest to note that the first category listed below (Teaching, Nine month salary) represents 59% of all positions in the survey; the other eleven categories contain a total of only 41%. All salaries listed are in hundreds of dollars.

TEAC (Nine		Salary)	
Year	Min.	Median	Max.
1962	43	70	92
1963	45	72	95
1964	41	79	110
1965	54	82	115
1966	60	89	120
1967	70	93	120

TEACHING AND RESEARCH (Nine Month Salary)

Year	Min.	Median	Max.
1965	70	80	105
1966	73	89	120
1967	75	90	105 -

INDUSTRY

(Twelve Month Salary)

Year	Min.	Median	Max.
1962	90	115	162
1963	105	120	185
1964	104	132	168
1965	100	136	180
1966	103	137	170
1967	125	145	200

RESEARCH (Nine Month Salary) Year Min. Median Max. 1962 45 65 90 1963 45 68 98 1964 60 72 105 1965 71 81 90 1966 72 84 96 1967 78 93 108

#### RESEARCH (Twelve Month Salary)

Yea	r Min	Median	Max.
196	5 81	93	107
196	6 75	90	120
196	7 80	101	130

#### RESEARCH INSTITUTES (Twelve Month Salary)

Year	Min.	Median	Max.
1962	60	100	145
1963	55	117	135
1964	90	118	170
1965	75	94	121
1966	68	135	190
1967	60	120	150

Year	<u>Min</u> .	Median	
1963	45	65	
1064	40		

FELLOWSHIP

(Yearly Stipend)

1964	40	60	85
1965	55	65	91
1966	60	81	90
1967	40	80	120

Max.

90

#### TEACHING (Twelve Month Salary)

Year	Min.	Median	Max.
1965	78	104	121
1966	80	105	129
1967	85	112	150

#### GOVERNMENT (Twelve Month Salary)

Year	Min.	Median	Max.	
1962	88	107	143	
1963	101	112	150	
1964	70	99	167	
1965	70	126	160	
1966	78	109	150	
1967	84	111	161	