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 Notices

THE ANNUAL SALARY SURVEY

This year's Annual Salary Survey is based on returns from 438 departments in mathematics and the mathematical sciences, covering 5539 academic positions held in 1965-1966 and 6078 positions held in 1966-1967. This survey has greater coverage than those in past years because staff members with master's degrees are included as well as those with doctorates. Prior surveys excluded all instructors without doctorates but did not specifically exclude all those of professorial rank without Ph.D.'s. This survey includes all staff members with Ph.D.'s in one set of categories and those with master's degrees in another.

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 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. Thus, significant data was obtained for 39 of the 48 categories.

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 1965-1966 for a Group I instructor with a doctorate ranges from \$7300 to \$8000, indicating that salaries in this category are greater than \$8000 at 25% of the institutions reporting and less than \$7300 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 tenth in an annual series begun in May 1957, by the Society Committee on the Economic Status of Teachers.

INSTITUTIONAL MEMBERS OF THE SOCIETY, Group I

Number of Usable Returns: 78

MASTER'S DEGREE	Total Number of Staff Members		SALARIES (hundreds of dollars)					
	1965-1966	1966-1967	1965-1966			1966-1967		
			Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor	217	210	56-70	63-76	68-83	63-75	64-80	69-88
Asst. Professor	77	72	73-95	80-96	81-102	71-87	80-101	85-106
Assoc. Professor	24	26	88-106	92-110	92-113	95-114	95-118	102-125
Professor	16	14	--	--	--	--	--	--
	<u>334</u>	<u>322</u>						
<u>DOCTORAL DEGREES</u>								
Instructor	109	106	73-80	75-85	80-89	72-81	80-84	84-90
Asst. Professor	631	777	84-90	90-100	99-113	86-95	94-102	105-120
Assoc. Professor	452	486	98-119	112-128	126-144	105-121	120-135	133-155
Professor	660	714	125-152	150-181	180-240	136-160	160-190	198-250
	<u>1852</u>	<u>2083</u>						

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INSTITUTIONAL MEMBERS OF THE SOCIETY, Group II

Number of Usable Returns: 95

MASTER'S DEGREE	Total Number of Staff Members		SALARIES (hundreds of dollars)					
	1965-1966	1966-1967	1965-1966			1966-1967		
			Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor	355	373	60-70	65-73	68-78	63-75	66-77	72-84
Asst. Professor	234	238	71-80	76-87	81-94	72-86	80-93	86-99
Assoc. Professor	115	113	83-103	91-107	95-116	90-109	95-111	96-121
Professor	36	40	100-119	102-130	113-136	100-125	109-138	114-146
	<u>740</u>	<u>764</u>						

DOCTORAL DEGREES

Instructor	6	8	--	--	--	--	--	--
Asst. Professor	260	317	83-95	85-98	90-107	88-98	92-104	95-110
Assoc. Professor	223	269	97-110	104-118	107-120	102-115	110-122	116-135
Professor	261	280	107-140	117-145	126-174	115-144	128-150	140-180
	<u>750</u>	<u>874</u>						

INSTITUTIONS WHICH ARE NOT MEMBERS OF THE SOCIETY

Number of Usable Returns: 265

MASTER'S DEGREE	Total Number of Staff Members		SALARIES (hundreds of dollars)					
	1965-1966	1966-1967	1965-1966			1966-1967		
			Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor	507	560	60-68	59-80	66-79	62-71	65-76	70-80
Asst. Professor	507	535	68-78	69-88	75-90	71-81	77-88	80-95
Assoc. Professor	219	216	78-93	80-95	80-102	84-100	85-105	90-111
Professor	61	82	90-119	81-119	95-128	100-127	100-128	102-134
	<u>1294</u>	<u>1393</u>						

DOCTORAL DEGREES

Instructor	8	11	--	--	--	--	--	--
Asst. Professor	135	175	85-91	85-95	90-103	84-98	89-102	97-110
Assoc. Professor	143	170	90-105	92-110	98-117	92-110	94-115	100-124
Professor	271	286	103-130	105-130	110-145	108-131	112-139	120-154
	<u>557</u>	<u>642</u>						

SUMMARY OF ALL INSTITUTIONS SURVEYED

Number of Usable Returns: 438

MASTER'S DEGREE	Total Number of Staff Members		SALARIES (hundreds of dollars)					
	1965-1966	1966-1967	1965-1966			1966-1967		
			Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor	1079	1143	60-69	62-73	66-79	63-73	65-77	70-83
Asst. Professor	818	845	69-79	71-87	78-93	72-84	78-90	82-96
Assoc. Professor	360	355	79-96	81-103	84-107	85-102	87-108	94-117
Professor	119	136	94-119	94-130	100-138	100-128	102-137	104-142
	<u>2376</u>	<u>2479</u>						

DOCTORAL DEGREES

Instructor	123	125	73-80	77-83	80-90	73-80	80-84	82-91
Asst. Professor	1026	1269	84-92	88-97	93-108	86-96	92-102	98-113
Assoc. Professor	822	925	95-111	101-120	106-136	99-116	106-126	114-145
Professor	1192	1280	110-140	112-144	120-190	115-144	120-170	131-206
	<u>3163</u>	<u>3599</u>						

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STARTING SALARIES FOR MATHEMATICIANS WITH A Ph.D.

This survey is compiled from questionnaires sent to 733 individuals who received Ph.D. in mathematics during 1965. There were 346 usable returns plus 27 foreign returns which considered separately.

The academic life attracted the largest proportion of new Ph.D.'s in mathematics, 83% of the total reporting. Of these, 74.8% were primarily engaged in teaching, 11.4% in research, 11.7% a combination of these, and 2.1% were on fellowships. Universities rather than colleges attract a greater number of new Ph.D. appointments, taking almost three-quarters of the new Ph.D.'s in teaching and all in research and fellowship appointments. Industry attracted the next largest number of Ph.D. mathematicians; however, even with its significantly higher salaries, it managed to attract 8.4% of those reporting. Research institutions and government employment, both of which also offer generally higher beginning salaries than academic institutions, attracted a small 4.9% and 2.1% respectively. The comparison between teaching and research appointments is of interest: while teaching appointments require the academic year only, 37% of research appointments require a year.

This year 27 returns were received from individuals who went abroad upon receiving their Ph.D. in mathematics. Again the academic life attracted the largest proportion of new Ph.D.'s, 91% of the total reporting. Of these, 34.6% were primarily engaged in teaching, 15.4% in research, 19.1% a combination of these, and 30.8% were on fellowships. Government employment attracted only 3.3% of those reporting. Salaries were considerably lower abroad than in the United States; these returns were therefore, not used in compiling the tables below.

Again the Northeast attracted the greatest number of new Ph.D.'s, 36.2% of the total. The Midwest attracted 22.7% and the Far West was next with 15.3%. The South, which last year was the most popular place in popularity, attracted only 10.7% this year, and 7.7% went to the Southwest. 7.4% were employed abroad.

The great majority of Ph.D.'s reporting had had some degree of experience before receiving their doctorate. 53.8% had had more than one year of experience and 19.4% had had between one and 1 year, while 26.9% had had less than 1/2 of a year's experience in their field prior to the postdoctoral appointment.

All salaries listed below are in the hundreds of dollars.

TEACHING (Nine Month Salary)				RESEARCH (Nine Month Salary)				FELLOWSHIP (Yearly Stipend)		
Year	Min.	Median	Max.	Year	Min.	Median	Max.	Year	Min.	Median
1962	43	70	92	1962	45	65	90			
1963	45	72	95	1963	45	68	98	1963	45	65
1964	41	79	110	1964	60	72	105	1964	40	60
1965	54	82	115	1965	71	81	90	1965	55	65
1966	60	89	120	1966	72	84	96	1966	60	81

TEACHING AND RESEARCH (Nine Month Salary)				RESEARCH (Twelve Month Salary)				TEACHING (Twelve Month Salary)		
Year	Min.	Median	Max.	Year	Min.	Median	Max.	Year	Min.	Median
1965	70	80	105	1965	81	93	107	1965	78	104
1966	73	89	120	1966	75	90	120	1966	80	105

INDUSTRY (Twelve Month Salary)				RESEARCH INSTITUTES (Twelve Month Salary)				GOVERNMENT (Twelve Month Salary)		
Year	Min.	Median	Max.	Year	Min.	Median	Max.	Year	Min.	Median
1962	90	115	162	1962	60	100	145	1962	88	107
1963	105	120	185	1963	55	117	135	1963	101	112
1964	104	132	168	1964	90	118	170	1964	70	99
1965	100	136	180	1965	75	94	121	1965	70	126
1966	103	137	170	1966	68	135	190	1966	78	109