

## THE ANNUAL SALARY SURVEY

The 1962 Salary Survey is the sixth in an annual series of surveys of academic institutions initiated in May 1957 by the Society's Committee on the Economic Status of Teachers. This year usable returns were received from 294 institutions reporting on 2,850 academic positions in 1961-1962 and 3,096 positions at the same institutions in 1962-1963. Thus there has been an 8.6% average increase in the staffs of the institutions reporting.

Tabulations of the salary surveys were originally based on a version of the classification of academic institutions introduced in the 1955-1956 Survey of Training and Research Potential in the Mathematical Sciences (the "Albert Survey"). In the interest of securing a classification which would reflect the mathematical activity of the institutions, a system based on institutional membership in the Society was introduced last year and is followed in this report. Institutional membership readily provides data on which to base the kind of classification desired, since the dues of a member institution are determined by the number of pages of research results sponsored by the institution and contained in the journals published or subsidized by the AMS. The dues paid by a member can therefore be taken as an indication of the amount of research activity in that institution.

This survey thus classifies institutions into two major types: Institutional Members and Non-Institutional Members. Members are in turn divided into two groups: I, those which in the three-year period 1959-1961 sponsored 37 1/2 or more pages in journals published or subsidized by the Society, and II, those which contributed less than 37 1/2 pages in the three-year period.

The salaries covered by the survey are based on an academic year (9 to 10 months). It was indicated in the questionnaire that by salary is meant the payment by the school to the individual for full-time work. Grants and contracts are included, but sabbatical payments and other part-time salaries are excluded. All salary figures are given in hundreds of dollars.

The salary information obtained from each institution is the minimum, medium, and maximum salary for each academic rank. In past surveys the report has given the ranges of data received from each group of institutions. In this report intervals are specified which contain the middle 50% of data received from each group. For example, among the 55 institutions in Group I, the following report states that the minimum salary of instructors with a Ph.D. in 1962-1963 is less than \$6,000 at 25% of the institutions and greater than \$7,000 at 25% of the institutions.

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INSTITUTIONAL MEMBERS OF THE SOCIETY "I"

Number of usable returns: 55

Total number on the staffs working full time on the campus

RANK	1961-1962	1962-1963
Instructor (only those holding Ph.D.)	86	81
Assistant Professor	363	430
Associate Professor	330	355
Professor	416	457
TOTAL	1195	1323

Salary Survey

RANK	1961-1962			1962-1963		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor (only those holding Ph.D.)	59- 66	61- 68	64- 70	60- 70	65- 70	67- 70
Assistant Professor	66- 74	72- 80	78- 90	70- 78	77- 84	83- 94
Associate Professor	77- 89	86- 97	93-108	84- 94	91-104	100-117
Professor	100-120	114-145	133-177	104-120	125-150	143-190

INSTITUTIONAL MEMBERS OF THE SOCIETY "II"

Number of usable returns: 89

Total number on the staffs working full time on the campus

RANK	1961-1962	1962-1963
Instructor (only those holding Ph.D.)	24	29
Assistant Professor	299	304
Associate Professor	233	248
Professor	252	272
TOTAL	808	853

Salary Survey

RANK	1961-1962			1962-1963		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor (only those holding Ph.D.)	57- 66	57- 66	60- 68	58- 68	62- 69	65- 70
Assistant Professor	59- 70	65- 74	68- 83	63- 74	70- 79	73- 85
Associate Professor	72- 87	78- 90	83- 95	78- 90	83- 95	89-102
Professor	85-104	93-115	100-133	87-110	98-123	106-140

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NON-INSTITUTIONAL MEMBERS

Number of usable returns: 150

Total number on the staffs working full time on the campus

RANK	1961-1962		1962-1963
Instructor (only those holding Ph.D.)	8		11
Assistant Professor	345		380
Associate Professor	257		271
Professor	237		258
TOTAL	847		920

Salary Survey

RANK	1961-1962			1962-1963		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor (only those holding Ph.D.)	55-65	58- 68	58- 68	54- 63	54- 63	54- 63
Assistant Professor	58-69	63- 73	65- 78	62- 71	66- 76	68- 82
Associate Professor	69-81	72- 86	75- 92	70- 85	72- 90	75- 97
Professor	79-99	83-105	85-114	85-105	87-113	90-121

SUMMARY OF ALL INSTITUTIONS SURVEYED

Number of usable returns: 294

Total number on the staffs working full time on the campus

RANK	1961-1962		1962-1963
Instructor (only those holding Ph.D.)	118		121
Assistant Professor	1007		1114
Associate Professor	820		874
Professor	905		987
TOTAL	2850		3096

Salary Survey

RANK	1961-1962			1962-1963		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Instructor (only those holding Ph.D.)	56- 66	60- 68	62- 68	58- 70	60- 70	64- 70
Assistant Professor	60- 70	65- 75	68- 82	64- 75	68- 80	71- 87
Associate Professor	71- 86	77- 92	81-100	75- 90	79- 98	85-105
Professor	80-108	88-120	90-140	88-113	93-127	98-145

## STARTING SALARIES FOR MATHEMATICIANS WITH A Ph.D

62

This is the third annual Survey of Starting Salaries of graduates with the Ph.D. degree in Mathematics. The figures are based on 228 usable replies to 308 questionnaires sent to individuals receiving the Ph.D. in mathematics during the past year. Last year 304 questionnaires were sent and 151 usable replies received.

Of the 228 Ph.D.'s reporting, 177 took employment in academic institutions: 154 of them in universities and colleges, 10 in technical institutes, and 13 in research institutes. Industry and government accounted for 45 and 6 respectively.

Only thirty of the Ph.D.'s reported less than 1/2 year previous professional work experience; 35 reported between 1/2 and 1 year, while 145 Ph.D.'s reported more than 1 year of work experience before receiving the Ph.D.

Geographically, the heaviest concentration of new appointments of mathematicians is again in the North East, with 45.3 percent; the Mid West has 24.1 percent; the South 15.8 percent; and the Far West 14.8 percent.

### UNIVERSITIES, COLLEGES AND TECHNICAL INSTITUTES (Nine Month Salary)

Year	TEACHING			RESEARCH		
	Minimum	Median	Maximum	Minimum	Median	Maximum
1958	\$4,800	\$5,500	\$7,100	\$5,000	\$6,000	\$7,000
1959	5,000	6,300	7,600	5,000	6,000	7,700
1960	4,900	6,500	8,000	5,200	6,500	8,000
1961	4,500	6,300	8,250	4,800	6,500	9,000
1962	4,320	7,000	9,250	4,500	6,500	9,000

### INDUSTRY (Twelve Month Salary)

Year	Minimum Salary	Median Salary	Maximum Salary
1958	\$8,600	\$10,300	\$12,700
1959	7,800	10,500	16,000
1960	7,800	11,000	15,000
1961	8,700	11,000	17,400
1962	9,000	11,500	16,200

### RESEARCH INSTITUTES (Twelve Month Salary)

Year	Minimum Salary	Median Salary	Maximum Salary
1958	\$4,000	\$ 8,250	\$11,000
1959	6,900	9,500	14,000
1960	9,700	10,500	14,000
1961	8,400	11,000	14,200
1962	6,000	10,000	14,500

### GOVERNMENT (Twelve Month Salary)

Year	Minimum Salary	Median Salary	Maximum Salary
1958	\$7,500	\$ 9,750	\$11,600
1959	8,800	10,200	13,000
1960	7,200	9,300	13,000
1961	7,780	8,900	16,000
1962	8,800	10,700	14,300