

NOTICES

October 1958, pp. 540-546

ANNUAL SALARY SURVEY. In May, 1957, the Society's Committee on the Economic Status of Teachers made a salary survey by means of a questionnaire mailed to the 61 institutions covered in the 1955-56 Survey of Training and Research Potential in the Mathematical Sciences (the so-called Albert Survey). The Council has now directed the Executive Director to make a survey of mathematicians' salaries on an annual basis and publish the results in the NOTICES. It is felt that regular publication of the data will be useful in efforts to obtain satisfactory salaries for mathematicians.

The present survey consists of two parts. In Part I is presented information from new questionnaires mailed in May 1958, to all of the 61 institutions which were covered by the Albert survey, and also from other similar questionnaires mailed to the entire remainder of the Institutional Membership list of the American Mathematical Society. The list of Institutional Members numbers 146, of which 85 were not included in the Albert survey. There were 47 usable replies from the Albert survey institutions and 52 from the non-Albert survey institutions.

In Part II, information is presented which was obtained from an analysis of the salary data currently available in the files of the Mathematical Sciences Section of the National Register of Scientific and Technical Personnel (NRSTP). The Register is a responsibility of the National Science Foundation and the Mathematical Sciences Section is operated for the Foundation by the Society.

The salary data given for college and university teachers in

Part I refer only to the academic year (9-10 months). It was indicated in the questionnaire used for Part I that by salary is meant the payment by the school to the individual for full-time work. Grants and contracts were to be included, but sabbatical payments and other part-time salaries were to be excluded. On the other hand, in the instructions which accompany the NRSTP questionnaires, the definition of salary is perhaps a little less definite as regards university personnel. The questions dealing with salary first ask the respondent to indicate his "annual income from principal employment" as described earlier in the questionnaire, and then to indicate "other professional income in addition to above, from secondary employment(s), summer teaching, royalties, patents, etc.". The data given below in Part II are based only on the answers to the first question, but they still may not be strictly comparable with the data in Part I. Another factor affecting comparability is that in Part II employees of non-profit institutions have been lumped in together with the strictly academic people because it is hard to distinguish from looking at the returns between employees of university research projects or institutes and regular members of academic departments.

All salary figures given below are given in hundreds of dollars and are rounded to the nearest hundred with downward preference for lower extremes and upward preference for upper extremes.

In Part I the raw data would have permitted the more detailed and complex type of summaries given last year in which minima of minima, medians of minima, etc., etc., were tabulated. The presentation here is considerably simplified. The Editor would appreciate comments as to whether the earlier more detailed presentation is preferable.

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PART I

DIRECT SURVEY OF ACADEMIC INSTITUTIONS
MAJOR STATE UNIVERSITIES AND COLLEGES

Number of questionnaires mailed: 15
Number of usable returns: 11

Total number on the staffs working full time on the campus

RANK	1957-58	1958-59
	(Actual)	(Employed for the academic year as of now)
Instructor (only those holding Ph.D.)	27	15-1/2
Assistant Professor	94-1/3	95
Associate Professor	58-1/2	66-1/3
Professor	92-5/6	97-1/3
TOTAL	272-2/3	274-1/6

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	45- 52	50- 60	45- 54	52- 60
Assistant Professor	50- 62	60- 73	52- 62	60- 73
Associate Professor	58- 79	68- 92	55- 79	73- 92
Professor	60-103	94-161	60-103	105-161

MAJOR NON-STATE UNIVERSITIES AND COLLEGES

Number of questionnaires mailed: 5
Number of usable returns: 5

Total number on the staffs working full time on the campus

RANK	1957-58	1958-59
	(Actual)	(Employed for the academic year as of now)
Instructor (only those holding Ph.D.)	23	16
Assistant Professor	17	16
Associate Professor	16-1/2	21
Professor	36	37
TOTAL	92-1/2	90

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	43- 50	48- 50	50- 57	55- 60
Assistant Professor	53- 60	56- 70	55- 65	65- 77
Associate Professor	65- 80	75- 95	75- 83	80-100
Professor	80-110	95-190	90-120	115-200

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OTHER STATE UNIVERSITIES AND COLLEGES

Number of questionnaires mailed: 16
Number of usable returns: 14

Total number on the staffs working full time on the campus

RANK	1957-58	1958-59
	(Actual) (Employed for the academic year as of now)	
Instructor (only those holding Ph.D.)	11	11
Assistant Professor	73-1/2	82
Associate Professor	58	63
Professor	76-1/4	78-1/4
TOTAL	218-3/4	234-1/4

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	41-53	48- 53	45- 60	50- 60
Assistant Professor	49-65	49- 75	50- 66	55- 77
Associate Professor	52-80	64- 85	52- 82	52- 87
Professor	63-95	80-125	66- 95	85-130

LARGE NON-STATE UNIVERSITIES AND COLLEGES

Number of questionnaires mailed: 10
Number of usable returns: 8

Total number on the staffs working full time on the campus

RANK	1957-58	1958-59
	(Actual) (Employed for the academic year as of now)	
Instructor (only those holding Ph.D.)	17	9
Assistant Professor	30	39
Associate Professor	56	57
Professor	53	59
TOTAL	156	155

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	48-50	48- 52	50- 52	50- 52
Assistant Professor	52-60	54- 83	50- 65	58- 94
Associate Professor	60-74	74- 97	58- 79	71-100
Professor	78-97	98-170	75-105	115-170

The Annual Salary Survey, 1958

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SMALLER NON-STATE UNIVERSITIES AND COLLEGES

Number of questionnaires mailed: 7
Number of usable returns: 3

Total number on the staffs working full time on the campus

RANK	1957-58		1958-59	
	(Actual) (Employed for the academic year as of now)			
Instructor (only those holding Ph.D.)	8		6	
Assistant Professor	17-2/3		16	
Associate Professor	8-1/3		8	
Professor	12-1/2		12-1/2	
TOTAL	46-1/2		42-1/2	

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	44-45	50-55	55-55	55-63
Assistant Professor	50-57	53-65	52-60	53-75
Associate Professor	58-70	60-70	59-75	63-76
Professor	75-90	87-120	75-95	90-130

INSTITUTES OF TECHNOLOGY

Number of questionnaires mailed: 5
Number of usable returns: 3

Total number on the staffs working full time on the campus

RANK	1957-58		1958-59	
	(Actual) (Employed for the academic year as of now)			
Instructor (only those holding Ph.D.)	15-1/2		14	
Assistant Professor	18-1/2		21-1/2	
Associate Professor	15		16	
Professor	21		21	
TOTAL	70		72-1/2	

RANK	Salary Survey			
	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	48-55	52-60	50-60	53-65
Assistant Professor	53-63	62-80	55-70	60-78
Associate Professor	48-75	80-105	58-80	72-115
Professor	54-96	105-150	64-83	108-160

INSTITUTIONAL MEMBERS OF THE SOCIETY
NOT INCLUDED IN THE ABOVE TABULATIONS

Number of questionnaires mailed: 85
Number of usable returns: 52

Total number on the staffs working full time on the campus

RANK	1957-58 (Actual)	1958-59 (Employed for the academic year as of now)
Instructor (only those holding Ph.D.)	32	30
Assistant Professor	160-5/12	175-1/4
Associate Professor	124	131-1/2
Professor	<u>125-1/3</u>	<u>131-2/3</u>
TOTAL	441-3/4	468-5/12

Salary Survey

RANK	1957-58		1958-59	
	Min.	Max.	Min.	Max.
Instructor (only those holding Ph.D.)	32- 70	43- 78	38- 71	50- 81
Assistant Professor	37- 75	45- 95	40- 78	46- 95
Associate Professor	47- 98	54-109	53-102	55-109
Professor	56-112	64-139	56-117	69-154

PART II

DATA FROM
THE NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

Medians and Extremes of Annual Incomes* reported by 10,709
Respondents to the Questionnaires of the Mathematical Sciences
Section of the National Register of Scientific and Technical Personnel.

Data from Register files as of May, 1958.

Highest degree held	Academic and non-profit Organizations	Industrial and business, except actuaries	Actuaries	Government	All other, including Military
Bachelor's					
(No. of responses)	(421)	(1,192)	(582)	(204)	(125)
Lowest group	Below 20	Below 20	Below 20	Below 20	Below 20
Median group	40-60	80-90	100-120	70-80	40-60
Highest group	200 +	200 +	200 +	160-200	200 +
Master's					
(No. of responses)	(2,058)	(1,522)	(320)	(500)	(175)
Lowest group	Below 20	Below 20	Below 20	Below 20	Below 20
Median group	40-60	90-100	100-120	80-90	60-70
Highest group	200 +	200 +	200 +	120-160	200 +
Doctoral					
(No. of responses)	(2,541)	(562)	(18)	(230)	(55)
Lowest group	Below 20	20-40	40-60	20-40	Below 20
Median group	70-80	100-120	120-160	90-100	90-100
Highest group	200 +	200 +	200 +	160-200	200 +
(Total no. of responses)	(5,020)	(3,276)	(920)	(1,138)	(355)

*The NRSTP questionnaire requests that income information be furnished only in terms of the following groups, which are identified here in terms of hundreds of dollars: Below 20, 20-40, 40-60, 60-70, 70-80, 80-90, 100-120, 120-160, 160-200, and 200 +. The upper end-point is excluded in each group.