





66 NOTICES

## 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 only 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 full 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, 90% of the total reporting. Of these, 34.6% were primarily engaged in teaching, 15.4% in research, 19.2% 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