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REPORT OF THE COMMITTEE TO INVESTIGATE PRESENT ECONOMIC STATUS OF TEACHERS. The following report was prepared by Professor Wallace Givens.

In August, 1956, the President of the Society was asked to appoint a committee to study the present economic status of teachers. This committee consisted of Wallace Givens (Chairman), George N. Garrison, and Henry M. Schaerf. Consideration was restricted to mathematicians rather than to teachers in general. At the August, 1957, meeting of the Council, the Chairman of the Committee reported the results of a questionnaire sent by him in late May, 1957. The following is an abstract of that report and is published by authorization of the Council.

The questionnaire was sent to the sixty-one departments of mathematics included in the 1955-56 Survey of Training and Research Potential in the Mathematical Sciences (the Albert survey). Forty-two usable replies are here reported. The minimum, median and maximum salaries for each of the four academic ranks for each of the years 1956-57 and 1957-58 were requested. For instructors, only those holding the Ph.D. were to be included. All numbers of staff members and salaries were defined to refer to the academic year (9 to 10 months) only; "number" meant on campus working full time, fractions permitted, in 1956-57 (actual) or already employed for 1957-58; "salary" meant payment by the school for full time work, including grants but excluding sabbatical or part-time salaries.

There are some discrepancies between the 1956-57 figures in the Albert survey and those given below. These could be expected since the samples were not identical and some salary changes may have taken place between the times the two sets of figures were obtained.

These figures do NOT report the salaries of teachers of mathematics in all colleges in the United States. They do not even include graduate students who carry much of the teaching load in some of the schools included. They DO report the salaries of a significant fraction of those individuals engaged in producing the next generation of

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professional mathematicians. The positions covered certainly are regarded as among the most attractive teaching positions in the United States today. A comparative study of salaries of mathematicians in the industry would be of great interest but is not here made.

All salary figures were rounded to the nearest hundred (with even preference) before processing and are so reported here. Example: in reply to the question "what was the minimum salary for a full professor in your department in 1956-57?" the lowest figure reported from 12 Major State Schools was $5,400, the median of the reported figures was $7,650 and the school with the highest minimum paid $10,600.

12 MAJOR STATE SCHOOLS OF 15 IN THIS CATEGORY (I)

	MINIMUM		MEDIAN		MAXIMUM	
	(of the replies to the 24 questions asked)					
	1956-57	1957-58	1956-57	1957-58	1956-57	1957-58
MINIMUM						
Instr.	38	45	45	50	54	58
Asst.	43	50	50+	56	56	59
Assoc.	53	60	60	70	74	86
Prof.	54	64	76+	85	106	106
MEDIAN						
Instr.	45	47	48-	52	54	58
Asst.	51	55	56-	62	61	64
Assoc.	59	64	65	74	79	85
Prof.	67	81	86-	92	120	120
MAXIMUM						
Instr.	45	48	48	54	55	58
Asst.	53	60	64	65	70	81
Assoc.	63	68	72+	76-	88	89
Prof.	78	84	118	126	198	200

NUMBER EMPLOYED

1956-57: Instr. 43 1/2; Asst. 94; Assoc. 68; Prof. 102; Total 307 1/2
1957-58: Instr. 39 1/2; Asst. 106; Assoc. 69; Prof. 109; Total 323 1/2

7 MAJOR NON-STATE SCHOOLS OF 8 IN THIS CATEGORY (II)

	MINIMUM		MAXIMUM	
	(of the replies to 16 of the questions; medians omitted)			
	1956-57	1957-58	1956-57	1957-58
MINIMUM				
Instr.	40	42+	45	50
Asst.	45	52+	58-	60
Assoc.	64	65	75	80
Prof.	70	80	100	110

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	MINIMUM		MAXIMUM	
(of the replies to 16 of the questions; medians omitted)				
	1956-57	1957-58	1956-57	1957-58
MAXIMUM				
Instr.	45	48-	54	55
Asst.	48-	60	65	70
Assoc.	66	80	90	100
Prof.	102	130	140	160

NUMBER EMPLOYED

1956-57: Instr. 35 1/2; Asst. 25; Assoc. 19 1/2; Prof. 43; Total 123
1957-58: Instr. 36; Asst. 17; Assoc. 23; Prof. 46; Total 122

11 OTHER STATE SCHOOLS OF 16 IN THIS CATEGORY (III)

	MINIMUM		MEDIAN		MAXIMUM	
	1956-57	1957-58	1956-57	1957-58	1956-57	1957-58
MINIMUM						
Instr.	42	45	45	50	50	63
Asst.	45	50	50	52	52+	60
Assoc.	50	55	62-	69	67	80
Prof.	55	65	70	78	96	95
MEDIAN						
Instr.	42	48	47	50	51	63
Asst.	45	50	51	56	54	64
Assoc.	55	65	62	71	71	84
Prof.	65	70	81	90	96	117
MAXIMUM						
Instr.	42	50	47	54	52+	63
Asst.	52+	50	58-	64	65	75
Assoc.	60	65	66-	81	76	85
Prof.	79	85	90	104+	109	123

NUMBER EMPLOYED

1956-57: Instr. 16; Asst. 60; Assoc. 40; Prof. 60; Total 176
1957-58: Instr. 11; Asst. 64; Assoc. 42; Prof. 58; Total 175

7 OTHER LARGE NON-STATE SCHOOLS OF 10 IN THIS CATEGORY (IV)

	MINIMUM		MAXIMUM	
	1956-57	1957-58	1956-57	1957-58
MINIMUM				
Instr.	40	47	48	50
Asst.	46	49	68-	73
Assoc.	52+	52+	79	90
Prof.	62	62	112+	124

	MINIMUM		MAXIMUM	
	1956-57	1957-58	1956-57	1957-58
MAXIMUM				
Instr.	45	48	48	52
Asst.	52+	55	75	82+
Assoc.	63	63	104-	109
Prof.	79	79	180	187

NUMBER EMPLOYED

1956-57: Instr. 11; Asst. 32; Assoc. 36 1/2; Prof. 45; Total 124 1/2
1957-58: Instr. 15; Asst. 30; Assoc. 42 1/2; Prof. 50; Total 137 1/2

3 SMALLER NON-STATE SCHOOLS OF 7 IN THIS CATEGORY (V)

	MINIMUM		MAXIMUM	
	1956-57	1957-58	1956-57	1957-58
MINIMUM				
Instr.	40	40	45	48-
Asst.	47	47	50	60
Assoc.	54	54	62+	65
Prof.	70	70	90	95
MAXIMUM				
Instr.	44	45	45	55
Asst.	49	49	55	60
Assoc.	56	56	78-	65
Prof.	80	80	90	110

NUMBER EMPLOYED

1956-57; Instr. 7; Asst. 9; Assoc. 6; Prof. 6; Total 28
1957-58; Instr. 8; Asst. 11; Assoc. 4; Prof. 8; Total 31

2 INSTITUTES OF TECHNOLOGY OF 5 IN THIS CATEGORY (VI)

	MINIMUM		MAXIMUM	
	1956-57	1957-58	1956-57	1957-58
MINIMUM				
Instr.	45	49	50	55
Asst.	50	53	60	63
Assoc.	62	65	70	75
Prof.	83	83	95	100
MAXIMUM				
Instr.	49	52	54	60
Asst.	59	62	76	80
Assoc.	76	80	88	105
Prof.	100	105	150	150

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NUMBER EMPLOYED

1956-57: Instr. 13; Asst. 11; Assoc. 12; Prof. 13; Total 49
1957-58: Instr. 14; Asst. 14; Assoc. 12; Prof. 15; Total 55

The questionnaire also asked: Do you think you pay extra for certain fields? What fields? How much? Comments? The replies are given in full.

12 MAJOR STATE SCHOOLS. (1) Yes, Applied, $2,000. (2) Yes, Statistics; Comment: Statistics is a separate department; it is University policy not to pay extra for any field; we do not know how long this can be maintained. (3) Yes, Statistics, $500. (4) Yes, Applied Mathematics, $600. (5) Yes, Acturial mathematics and Mathematical statistics, 20%. (6) Yes, Statistics, 20%. There were two non-responses. Three responses answered the first question in the negative. One response answered the first question by saying "not at present".

7 MAJOR NON-STATE SCHOOLS. Five responses were negative. There were two non-responses.

11 OTHER STATE SCHOOLS. (1) Yes, Statistics, $1,000; extra pay would also be available for people in Applied Mathematics or Numerical Analysis (if available). (2) Yes, Statistics and Applied Mathematics, $2,000. (3) Yes, Mathematical Statistics, $800. (4) Yes, Applied Mathematics, $600+ depending on rank. (5) Yes, Statistics and high-speed computing, 20%. (6) Yes, "In the past we have paid several hundred dollars per year extra in the field of statistics.... will now pay little extra for a numerical analysis and digital computer man...prepared to pay several hundred dollars extra for a top man in applied mathematics." There were five negative answers to the first question.

7 OTHER LARGE NON-STATE SCHOOLS. (1) Yes, Statistics, $750 per academic year and also Computing, $1,500 per academic year. (2) Yes, Science and Engineering. (3) No, but would in applied mathematics if we could get someone suitable. There were three negative replies to the first question. There was one non-response.

3 SMALLER NON-STATE SCHOOLS. (1) Yes, Algebra and Topology, $500 to $1,000. There were two negative responses.

2 INSTITUTES OF TECHNOLOGY. Yes, Numerical Analysis and Applied Mathematics, 10%. There was one negative response.

The questionnaire also asked about newly-hired staffs this year. Data are available from 42 schools. They are summarized in the following table.

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Rank	Minimum Salary	Maximum Salary
Instructor (Ph.D.)	42+	60
Assistant Professor	50	75
Associate Professor	61	100
Professor	78-	120

The total number of mathematicians covered by this survey can be broken down as follows:

Rank	1956-57	1957-58
Instructor (Ph.D.)	126	123 1/2
Assistant Professor	231	242
Associate Professor	182	192 1/2
Professor	269	286
Total	808	844

These figures may be compared with the 2,798 questionnaires which were actually mailed out by the Albert committee in its attempt to reach all persons receiving a Ph.D. in mathematics in the United States or Canada in the period 1915-54. (Cf. p. 70, Part I of that committee's report.)

EXPANSION OF COMMITTEE TO INVESTIGATE THE PRESENT ECONOMIC STATUS OF TEACHERS. By the action of the Council, on recommendation of the original committee, President Brauer has enlarged the membership of the Committee to Investigate the Present Economic Status of Teachers. The membership of the committee is now: Wallace Givens (Chairman), A. A. Albert, Richard Bellman, David Blackwell, George N. Garrison, J. W. Green, H. M. Schaerf.

Suggestions by members of the Society of proper actions for the committee will be welcomed.