

SALARY SURVEY OF MATHEMATICIANS AND STATISTICIANS

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Presented herein are the results of a national survey of mathematicians and statisticians engaged in research and development activities. The total sample, consisting of more than 5,000 employees, is cross-classified by monthly salary (as of August 1, 1980), years of experience, educational degree, supervisory level, and sex.

The data reported here were collected in 1980 as part of an annual survey of compensation paid scientists and engineers engaged in research and development activities in the United States.*

SURVEY RESULTS

The salary data for mathematicians and statisticians are summarized in Tables 1-6. Each of these tables presents a cross-classification by monthly salary and maturity (in units of years since first degree) of a specified group of employees. In addition, each table presents row and column totals (in units of number of employees) and associated cumulative percentages. Also, for each column (corresponding to a given number of years since the first degree), is presented the average salary and the 10th, 25th, 50th, 75th and 90th salary percentiles. In the lower right-hand corner of each table are summary statistics for

the entire table, including the total number of employees, the average salary of all employees (age ignored), and the 10th, 25th, 50th, 75th and 90th salary percentiles for all employees.

The above information for nonsupervisory employees having the bachelors (but no higher) degree in mathematics or statistics is given in Table 1. The corresponding information for supervisory bachelors is given in Table 2.

Similar salary data for nonsupervisory and supervisory employees having the masters (but no higher) degree in mathematics and statistics are presented in Tables 3 and 4, respectively.

Similar salary data for nonsupervisory and supervisory employees having the doctorate degree in mathematics or statistics are presented in Tables 5 and 6, respectively.

* This survey was conducted for the Department of Energy by Battelle-Columbus Laboratories. The report, entitled 1980 National Survey of Compensation Paid Scientists and Engineers Engaged in Research and Development Activities, is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The stock number of this report is 061-000-00492-1, and the price is \$8.00.

TABLE 1. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY EMPLOYEES HAVING THE BACHELORS (BUT NO HIGHER) DEGREE IN MATHEMATICS OR STATISTICS

SALARY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	40	50	SUM	
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%	1392	1643	1648	1740	1770	1901	1983	2021	2065	2119	2152	2203	2395	2381	2430	2484	2437	2597	2557	2538	2673	2680	2719	2820	2814	2700	2440	2620	2686	2159										
0.90	1731	1819	1956	2063	2085	2217	2306	2493	2435	2518	2660	2755	2876	2814	2853	2944	3010	3136	3148	3037	3213	3377	3493	3426	3020	2410														
0.75	1660	1740	1811	1885	1911	2059	2144	2250	2235	2317	2343	2481	2550	2555	2648	2742	2830	2942	2897	2819	3002	3005	2993	3170	3183	3000	2555	2900												
0.50	1593	1645	1648	1726	1752	1910	1996	2040	2068	2153	2137	2158	2273	2375	2404	2483	2490	2577	2561	2548	2712	2675	2675	2850	2750	2716	2200	2550												
0.25	1505	1543	1574	1563	1607	1740	1767	1800	1835	1898	1934	1962	2000	2189	2270	2275	2168	2275	2245	2300	2458	2406	2387	2516	2350	2450	2075	2300												
0.10	1406	1430	1381	1462	1471	1575	1602	1547	1657	1672	1692	1595	1987	1975	2145	1970	1770	1946	1886	2061	1890	2043	2085	2178	2103	1990	2100													
SUM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	40	50	SUM	

