SALARY SURVEY OF MATHEMATICIANS AND STATISTICIANS

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Results of a salary survey of approximately 5,000 mathematicians and statisticians are given. Represented are employees of industrial firms, federal agencies, universities, and research institutes. Individuals in the sample are cross-classified by educational degree level, supervisory level, sex, years of experience, and salary. The resulting tables enable the reader to compare his/her salary with others in the profession having similar qualifications and responsibilities. These data are part of a larger set of data from a national survey of compensation paid scientists and engineers engaged in research and development activities, which Battelle's Columbus Laboratories conducted in 1982 for the U.S. Department of Energy.

INTRODUCTION

Presented herein are the results of a national survey of mathematicians and statisticians engaged in research and development activities. The total sample, consisting of approximately 5,000 employees, is cross-classified by monthly salary (as of August 1, 1982), years of experience, educational degree, supervisory level, and sex.

The data reported here were collected as part of the fifteenth annual survey of compensation* conducted for the U.S. Department of Energy by Battelle's Columbus Laboratories.

SURVEY RESULTS

The salary data for mathematicians and statisticians are summarized in Tables 1-8. 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 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 (years since first degree 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 supervisor employees having the masters (but no higher) degree in mathematics or 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.

Tables 7 and 8 provide a salary comparison of male and female employees. This comparison is limited to nonsupervisory employees having the bachelors (but no higher) degree, who are working as mathematicians or statisticians. Note that Tables 7 and 8 are not subsets of Table 1. Because of data limitations, further comparisons of male and female salaries are not presented.

* The report, entitled 1982 National Survey of Compensation Paid Scientists and Engineers Engaged in Research and Development Activities, is available from the National Technical Information Service, U.S. Department of Commerce, 5282 Port Royal Road, Springfield, Virginia 22161 (telephone 703-487-4650). The order number of this report is DE83005797, and the price is $28.00.

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

Monthly 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	36	40	41	50	SUM	%
6751-7950																																										
6251-6750																																										
5751-6250																																										
5251-5750																																										
4751-5250																									1				1	1	1	2	5			1					1	100
4651-4750											1																	1		1											3	
4551-4650																																										
4451-4550																					1									1											2	
4351-4450																		1			1				1	1															4	
4251-4350																							1		4							1									6	
4151-4250																				1		2					3		2												8	99
4051-4150												1	6						1			1	3		2					1	2	2									13	
3951-4050													1		1	1	2		2	2		3	1			5	2			3	1		1	2		1					27	98
3851-3950				1					1	2				2		1			1	5		3	1		3	1	2			2	2	1	1								27	97
3751-3850				1							1			1	4		2		1	3		6	4		1	2	1			3	4	1									35	96
3651-3750													1		5	2	2		4	2		3	5		1	4	2			3			1		1						36	95
3551-3650								1							3	1			3	5		5	4		8	10	2			4	6		1	3							57	93
3451-3550					2						2	2	3	1	2	3	2		3	12		14	6		4	7	2			1	2		1								69	91
3351-3450				1					1	3	2	3	1	2	1	8	4		5	5		7	5		5	1	3			5	3	1	1								67	88
3251-3350									1	3		1	2	5	1	4	6		4	3		6	10		3	5	2			2	2	3	1								64	85
3151-3250						2	1	2	6	3	3	3	1	3	3	5	2		7	3		8	2		4	2	3			2	1	2	1	1							70	82
3051-3150							1	3	2	3	1	4	4	7	4	2	7		3	5		8	10		9	4	2			3	2	3	1								88	79
2951-3050	1				1	1	2	3	5	3	2	4	4	5	9	3	7		3	10		10	6		4	4	4			3	2	1			1						98	75
2851-2950				1	3	4	1	7	7	5	5	7	3	3	3	12	8		8	5		9	8			2	2			1	1	1	1	1							108	71
2751-2850		1	2	1	6	3	2	5	6	5	7	9	4	4	4	4	2		1	7		3	4		5	3	6			4				1	1						98	66
2651-2750				4	7	5	5	7	9	3	9	7	7	7	4	4	4		7	5		4	1		1	2	2			2	2				1						109	62
2551-2650			1	1	5	5	3	8	14	7	7	4	7	4	5	6	4		1	2		5	4		1	1	3				2										100	58
2451-2550	1		3	7	12	12	11	12	10	5	4	6	3	2	2	7	2		3	2		3	2				1		1	2		1	2							116	53
2351-2450		1	10	25	8	18	15	12	8	3	7	4	3	2	2	1	2		3			5	3		3	1	1						1								138	48
2251-2350		8	26	25	17	17	11	6	7	5	3	7	4	5	1	1				1		2			1	1					1			2							151	42
2151-2250	1	25	63	31	21	17	8	5	5	5	4	1	3	2	2	3	1		1	2		1	2		2	2	1				1										209	36
2051-2150	9	43	41	22	15	5	9	6	3	7	2	1	2	1		1			1	2		5	1		1																175	27
1951-2050	27	56	37	16	9	13	4	3	5	4	1	1	4	1		1	1		1	2			1		1	1	1														190	19
1851-1950	12	51	28	8	3	5	2		3	1	1	2	4	1	1					1			2								1	1									127	11
1751-1850	8	15	11	7	4			2	1	3	2		1	3																											57	6
1651-1750	2	9	12	3	1	1	1	1	3		1								1	2					1					1											39	3
1551-1650		1	3	1	1	2				1																															9	2
1451-1550		1		1	1				1					1		1	1						1			1															9	1
1351-1450	2	2	1									1																													6	
1251-1350	2	2	3			1	1		1																																10	
1151-1250		2						1																																	3	
1051-1150	1																																								1	
951-1050																																										
851- 950		1		1																																					2	
751- 850																																										
SUM	66	218	242	156	114	111	77	82	99	71	65	69	62	62	57	71	59	65	87	115	87	65	63	46	44	38	20	16	5	2332												
%	3	12	23	29	34	39	42	46	50	53	56	59	61	64	67	70	72	75	79	84	87	90	93	95	97	98	99		100													
MEAN	1935	1981	2087	2212	2311	2323	2366	2522	2543	2597	2652	2758	2660	2782	3040	2927	3017	3098	3109	3175	3132	3237	3322	3215	3400	3318	3290	3075	2920	2615												
0.90	2110	2202	2322	2455	2730	2728	2736	2976	3105	3280	3233	3353	3340	3346	3736	3480	3655	3737	3826	3841	3782	4075	4004	4020	4036	4060	3950	3690		3529												
0.75	2033	2104	2222	2358	2495	2485	2511	2760	2820	2935	2865	2993	2987	3128	3487	3306	3304	3445	3518	3523	3504	3596	3656	3625	3783	3762	3650	3583	3025	3043												
0.50	1972	1994	2113	2211	2261	2317	2346	2508	2567	2571	2655	2755	2650	2800	3000	2904	3014	3133	3100	3181	3135	3237	3471	3150	3410	3416	3283	3150	2900	2484												
0.25	1862	1892	1956	2059	2113	2154	2178	2325	2289	2185	2382	2454	2287	2425	2681	2595	2743	2725	2789	2858	2859	2956	2993	2791	3016	2900	3083	2500	2775	2124												
0.10	1730	1775	1797	1882	1965	1966	2042	2080	1968	2002	2125	2262	1980	2070	2435	2360	2495	2433	2235	2420	2406	2366	2580	2570	2760	2490	2700	2330		1926												
	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	36 40	41 50	SUM	%											

Years Since First Degree

TABLE 2. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF SUPERVISORY EMPLOYEES HAVING THE BACHELORS (BUT NO HIGHER) DEGREE IN MATHEMATICS OR STATISTICS

Monthly 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	36 40	41 50	SUM	%
6751-7950																															
6251-6750																															
5751-6250																															
5251-5750																															
4751-5250																	1					1	1	1	2	5		1		12	100
4651-4750					1																	1		1					1	4	96
4551-4650																						1								1	94
4451-4550																							1		2					3	
4351-4450																					1	1	1	1		1				5	93
4251-4350																					1		1		2	4				10	91
4151-4250											1										1	4	5	2	2	3			1	19	87
4051-4150										1								1	1		4	3	1		2	1				14	80
3951-4050															1	3	1				4	2	1				1			13	75
3851-3950																		1	3		1	1	1		1				1	9	71
3751-3850										1				1		1	1	1	2		4	2	2	1						16	67
3651-3750										1					2		2	1	1		4		3	1			1			16	61
3551-3650										1					2	1	3		1		3	1	1			1	1		1	16	56
3451-3550														2		4			4		1		2	2		1				16	50
3351-3450													1	1			1	1	3		2	1	2			1		1		14	44
3251-3350									1	1	1	1	1	2	2	1					2				1					13	39
3151-3250							1		1	1	1	1	1	2	3	1	1		4			1	2		1	1	1			24	34
3051-3150			1					1	1		1	2	1	1	1	1	1			1			1							13	25
2951-3050	1									1	1	1	1	1	1			1	1	1			1			1				12	21
2851-2950				1		1		1	1	2		2	1	1								1	1							12	16
2751-2850								1		1			1	1			1													5	12
2651-2750							1	2																						3	10
2551-2650												2													1					3	9
2451-2550						1	2	1										1							1					6	8
2351-2450									1	1									1			1								4	6
2251-2350					1			2						1																4	4
2151-2250			1	1																										2	3
2051-2150					1		1																							2	2
1951-2050				1																										1	1
1851-1950													2																	2	
1751-1850																															
1651-1750																															
1551-1650																															
1451-1550																															
1351-1450																															
1251-1350										1																				1	
1151-1250																															
1051-1150																															
951-1050																															
851- 950																															
751- 850																															
SUM	1		2	3	3	2	5	8	5	12	5	9	12	11	12	12	12	7	21	30	18	28	10	10	17	14	1	2	3	275	
%			1	2	3	4	6	9	11	15	17	20	24	28	33	37	41	44	52	63	69	79	83	87	93		98	99	100		
MEAN	3000		2650	2367	3033	2700	2600	2663	2980	3083	3360	2967	2900	3200	3408	3583	3625	3486	3481	3767	3806	3836	4090	4090	3865	4307	3400	4400	4167	3549	
0.90										3830		3760	3430	3495	3740	4010	4030		3913	4130	4230	4570	4650	4750	4765	4840				4325	
0.75				2875	4675		2725	2850	3225	3650	3325	3137	3250	3375	3650	3900	3750	3875	3787	4037	4162	4210	4400	4400	4337	4787			4675	4044	
0.50	3000		2650	2200	2300	2700	2525	2700	3100	3100	3200	3000	3050	3225	3300	3525	3616	3700	3487	3775	4000	3800	4200	4150	4166	4325	3400	4400	4200	3553	
0.25				2025	2125		2462	2400	2875	2850	3075	2862	2550	3025	3183	3400	3300	3025	3231	3566	3600	3450	3700	3900	3375	4000			3625	3140	
0.10										2370		2595	1910	2860	3070	3170	3070		3152	3300	2930	3130	3500	3250	2620	3590				2733	
	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	36 40	41 50	SUM	%

Years Since First Degree

TABLE 3. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY EMPLOYEES HAVING THE MASTERS (BUT NO HIGHER) DEGREE IN MATHEMATICS OR STATISTICS

Monthly 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	36	40	41	50	SUM	%
6751-7950																															1										1	100
6251-6750																																										
5751-6250																																							1			
5251-5750																															1										2	
4751-5250											1														1		1								3	1					7	
4651-4750																						1	1			2															4	99
4551-4650																									2			1		1					3						7	
4451-4550																						2																			2	98
4351-4450																						3	2		1		1						2		1	3					13	
4251-4350													1				2					1			1						1										6	97
4151-4250																							2		2								5		2						11	96
4051-4150																1	2		1		1	2	1		3		2		2		4		3		1						23	95
3951-4050															2							4	2		1		1		2		2				1		3				18	93
3851-3950																1	2		1		1	2			5		2		2		2		2		4		4		2		31	91
3751-3850								1				2			1	1					4	2			5		3		6		1		2		4		1				37	88
3651-3750											1				1		1				3	8			5		5		5		5		2				1				40	85
3551-3650														1	1	2	2		2		6	3			9		5		3		5		3		4		2		4			54	81
3451-3550									1		4				1		3		2		3	10			7		3		4		1		3		3		1				46	76
3351-3450								1	2	1		2	1			2	2	1	5		3	6			4		3		4		3		1		2		2	1			46	72
3251-3350								1		1	1	2		4	2	3	5	6			4	6			3		2		2		5		2		1		1				51	68
3151-3250										1	1		5	5	1	3	7	1	8			5			3		3		1		1		2		4						51	63
3051-3150								2	1	1	2	1	1	2	3	5	1	2	7			2			3		5		1		1		1		2		1	1		1	46	59
2951-3050						1	2	4	2	3	3	2	8	3	2	2	6	3	3			4			3		3		2		1		1		4		4	3			69	54
2851-2950					1		1	4	4	3	5	8	2	2	3	2			2		10	4			5		2		3		1		1				1			1	65	48
2751-2850					1	2	1	4	2	6	2	3	2	4	1	2	4	1	3		2	2			2		3		1				1				2	2		1	52	42
2651-2750					2	2	2	5	6	6	3	5	7	4	1	1			1		3	2							2		1		1					2			56	37
2551-2650					2	3	7	3	9	4	8	1	3	2		2		2	1		3	3		1							1		1				1				57	32
2451-2550			1	2	9	2	8	4	6	6	5		2	5	4			1	1		2	2		3		1						1									65	27
2351-2450		1		6	5	3	5	3	7	2	1	5	2	4	2	1	1				2	3		3				1		2											59	21
2251-2350			1	1	1	6	2	1	4	2		3	2	1	1	2	1					1																1			30	15
2151-2250			1	1	9	3	5	4	2	2	3	1	1		1	1	1	1	2		2	2																			41	13
2051-2150				3	4	3	4	2	6	2	2	2			2	1			1		3					1		2												1	39	9
1951-2050			1	2	2		4	1	4	1	2	1	1	1								1				1						1						2			25	5
1851-1950				2	2	1	1		1				1													1						1									9	3
1751-1850						1	1		1		1	3				1													1												9	2
1651-1750	1			1	3		2	1																																	8	1
1551-1650									1	1	1																														3	
1451-1550							1																																		1	
1351-1450					1																																				1	
1251-1350																																										
1151-1250																																										
1051-1150																																										
951-1050																																										
851- 950																																										
751- 850																																										
SUM	1	1	4	18	42	27	46	41	59	42	47	41	40	43	29	37	37	32	71	81	64	56	40	43	37	36	34	29	7	1085												
%			1	2	6	9	13	17	22	26	30	34	38	42	44	48	51	54	61	68	74	79	83	87	90	94	97	99	100													
MEAN	1700	2400	2250	2206	2276	2385	2346	2659	2500	2636	2772	2695	2825	2940	2914	3068	3165	3134	3097	3357	3394	3521	3428	3479	3641	3636	3738	3472	3429	3036												
0.90				2460	2640	2765	2720	3095	2955	3043	3507	3345	3230	3620	3605	3680	4065	3590	3713	4095	4030	4220	4100	4035	4280	4218	4636	4386		3903												
0.75			2400	2408	2500	2591	2571	2918	2704	2841	3025	2934	3037	3235	3287	3437	3325	3410	3458	3709	3690	3890	3783	3804	3987	4083	4175	3943	3912	3516												
0.50	1700	2400	2250	2250	2250	2341	2410	2680	2508	2666	2666	2740	2800	2875	2933	3120	3171	3266	3114	3408	3478	3570	3475	3600	3633	3600	3800	3612	3100	2982												
0.25			2100	2025	2112	2208	2112	2391	2237	2458	2485	2355	2583	2545	2481	2762	2831	2900	2841	2956	3016	3110	3000	3265	3212	3225	3100	2958	2825	2521												
0.10				1890	1860	2073	1910	2152	2022	2160	2085	2055	2300	2407	2240	2285	2520	2470	2455	2505	2590	2836	2700	2580	2720	3040	2890	2340		2182												
	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	36 40	41 50	SUM	%											

Years Since First Degree

TABLE 4. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF SUPERVISORY EMPLOYEES HAVING THE MASTERS (BUT NO HIGHER) DEGREE IN MATHEMATICS OR STATISTICS

Monthly 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	36 40	41 50	SUM	%
6751-7950																															
6251-6750																															
5751-6250																															
5251-5750																												1		1	100
4751-5250													1							3	1		1			1	1			8	
4651-4750																				1								1	1	3	96
4551-4650																								1	1					2	94
4451-4550														1											1	1				3	93
4351-4450																						1		2						3	92
4251-4350																		1			1		1	1	2	1	1	1		9	90
4151-4250																		1	1		1	1		1	1	1	1	1		9	86
4051-4150																		1		2		2	1	1		1	1			9	82
3951-4050															1			1	1	3	3	2	1	1	1	1				15	77
3851-3950														1			1	1	3	2	4	2						1		15	70
3751-3850														1		1		1	5	5	1		1			1		1		17	63
3651-3750													1		1	1	3		2	1	4	2		1		2				18	54
3551-3650												3	4	2	3	1			1		2	2		1	1					20	46
3451-3550													1	1	1				1	3						1	1	1		10	36
3351-3450													1		2			1	2	2	1	1	2		1					13	31
3251-3350												1	1			1	1			1	1			1						7	25
3151-3250												1					1	1						1			1			5	21
3051-3150									3	1		2	1	1					1		1	1						1		12	19
2951-3050							1	1					1			1	1					1								6	13
2851-2950									1	1										1		1			1					5	10
2751-2850											1			1				1			1					1				5	8
2651-2750																															
2551-2650																			1											1	5
2451-2550								1				1													2					4	
2351-2450																					1									1	3
2251-2350																									1					1	2
2151-2250															1															1	
2051-2150																															
1951-2050												1				1														2	1
1851-1950																															
1751-1850																												1		1	
1651-1750																															
1551-1650																															
1451-1550																															
1351-1450																															
1251-1350																															
1151-1250																															
1051-1150																															
951-1050																															
851- 950																															
751- 850																															
SUM							1	2	1	4	2	9	10	8	9	7	7	9	18	24	22	16	7	11	12	11	6	9	1	206	
%								1	2	4	5	9	14	18	22	26	29	33	42	54	65	72	76	81	87	92	95		100		
MEAN							3000	2750	2900	3050	2950	3111	3440	3600	3444	3486	3500	3744	3661	3908	3727	3725	3971	3982	3592	3945	4017	3878	4700	3677	
0.90												3620	3650		3960			4260	3970	4880	4230	4190		4445	4530	4540		5560		4343	
0.75										3116		3575	3612	3850	3641	3775	3725	4125	3866	4050	3966	4050	4275	4362	4300	4275	4300	4325		4020	
0.50							3000	2750	2900	3083	2950	3200	3550	3600	3566	3600	3666	3900	3770	3830	3750	3800	4000	4100	3800	4000	4150	3900	4700	3700	
0.25										3000		3062	3300	3300	3412	3025	3225	3375	3500	3516	3575	3500	3437	3625	2700	3687	3500	3475		3353	
0.10												2040	3050		2240			2849	3130	3370	3070	3010		3260	2460	3460		1840		2942	
	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	36 40	41 50	SUM	%

Years Since First Degree

TABLE 5. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY EMPLOYEES HAVING THE DOCTORATE DEGREE IN MATHEMATICS OR STATISTICS

Monthly Salary	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	21	23	25	27	29	31	33	35	40	50	SUM	%
6751-7950																												1	1	2	100
6251-6750																															
5751-6250																										1				1	
5251-5750																	1		1	1	1	1	1			1	1			8	99
4751-5250																1			1				2			1		1		6	98
4651-4750																										1		1		2	97
4551-4650																					1	1	2					1		5	
4451-4550											1								2		1	2		1	1	1	1			10	96
4351-4450																1		1	1	1	1		1						1	7	94
4251-4350														1		1	1		1	2	1	1	3			3		1	1	16	92
4151-4250																	1	2	1	1	3	1		1		2		2		13	90
4051-4150																		1	3		3		3		2	3	2			17	87
3951-4050																	1	2	2	5		1		3	1	2				17	84
3851-3950														4	2		2		3	1		2	1		3	1				19	81
3751-3850										1		1	3	4		1	1		1	4	2		2	2	1	2	1	1		28	77
3651-3750									1	1	1		1	1	1	1	2	1	5	5	2	2	1		1	1	1		1	29	72
3551-3650														1		1	4	2	6	3	3	3	1		1				1	26	67
3451-3550										1		1	2	1			5	1	2	1		1	2		2			1		20	62
3351-3450										1		1	4	1	1	3	4	4	3	4	1				1					29	59
3251-3350									1	1	3	5	3	1		1	3	2	5	5	1	2	1	1	3	2		1	2	43	53
3151-3250									1	2	1	2	3	1	4	5	3	2	4	2	2				1			3		36	45
3051-3150								1	2	7	4	2	2	1	3	3	1	6	5	2	1	1	1			1	1	2	1	47	39
2951-3050							1	1	1	1	6	3	2	3	1	1	3		5	2			1			1			1	33	30
2851-2950						1		1		2	4	3	5		3	1	2	2	7	2			1		1					35	24
2751-2850								2	6	1		1	3		1	1	1	2	1			1								20	18
2651-2750							1		2	1	3	1	4	3		2	2	2	1	2										24	14
2551-2650								1			2		2	1		5				1								1		13	10
2451-2550									1	1		1		2		1	5	1	2								1			15	7
2351-2450								1	1			2																		4	4
2251-2350									2			1	1																	4	
2151-2250						1	1	1			1	1					2													7	3
2051-2150							1			1	1			2	1															6	2
1951-2050												1																		1	1
1851-1950																															
1751-1850																															
1651-1750																															
1551-1650																															
1451-1550																															
1351-1450																															
1251-1350																1														1	
1151-1250														1																1	
1051-1150																															
951-1050																															
851- 950																															
751- 850																															
SUM					2	4	8	18	21	28	25	34	29	18	30	43	32	62	44	23	19	23	8	18	22	9	16	9	545	
%						1	3	6	10	15	19	26	31	34	40	48	54	65	73	77	81	85	86	90	94	95	98	100		
MEAN					2450	2400	2625	2739	2981	2911	2832	2991	3093	3072	3047	3165	3263	3376	3461	3796	3747	3874	3850	3561	3918	3922	3800	3800	3301	
0.90								3170	3440	3270	3240	3610	3802	3760	3950	3785	4030	4130	4110	4420	4460	4685		4010	4630	5360	4690	4260	4165	
0.75						2750	2850	2975	3137	3050	3165	3262	3693	3300	3300	3481	3550	3700	3750	4125	4175	4275	4000	3833	4200	4425	4350	4225	3707	
0.50					2450	2350	2700	2700	3000	2900	2900	2950	3200	3050	3050	3233	3200	3283	3483	3725	3625	3966	3883	3550	3983	3975	3550	3500	3209	
0.25						2050	2400	2575	2817	2700	2575	2700	2591	2833	2575	2787	2966	2940	3150	3475	3425	3437	3700	3233	3675	3575	3083	3162	2865	
0.10								2240	2560	2490	2200	2560	2045	2730	2470	2396	2660	2781	2820	3115	3040	2980		3130	3160	2440	2980	2940	2560	

Years Since First Degree

TABLE 6. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF SUPERVISORY EMPLOYEES HAVING THE DOCTORATE DEGREE IN MATHEMATICS OR STATISTICS

Monthly Salary	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	21	23	25	27	29	31	33	35	40	50	SUM	%
6751-7950																															
6251-6750																				1										1	100
5751-6250																						2								4	
5251-5750																1									1	2			2	5	98
4751-5250																1			1		3	1	2	3		2	1	6		20	96
4651-4750																					1							1		2	89
4551-4650												1			1											2				4	
4451-4550															1							1						1		2	87
4351-4450															1					2		1	1	1						6	
4251-4350															1			1	2	3	1	3	1	5				2		19	84
4151-4250																			1	3	1	1				1		1		8	78
4051-4150																				4				2				1	2	9	75
3951-4050																				1		2		1					1	5	72
3851-3950																				1	4				1					6	70
3751-3850													1			1		2	1	1	3	1						1		11	68
3651-3750													1	1		1	2		1		1									7	64
3551-3650													1		1		1		2	2			1				1			9	61
3451-3550											2			1	4	1	3	1	1	2	1			1		1				18	58
3351-3450																1		1	2		1			3						8	52
3251-3350												2		1					1		1									6	49
3151-3250													1		2	1		2		4										10	47
3051-3150											2	2	1			1	1		1	1	2		1		1					13	43
2951-3050					1								1		1		1		1		1		2							8	39
2851-2950									1			2	1				1	1	1	1				1	1	1				11	36
2751-2850									1	2				1				1	1	3						1	1			11	32
2651-2750								1	3		1	3			1						1		1							11	28
2551-2650												1			1						1	2								5	24
2451-2550																				1		1	1	1				1		5	23
2351-2450								2	1	2	1	1				2			2	1	1	1								14	21
2251-2350						2	1		2	3						1														9	16
2151-2250							2	1	1		1	1							3											9	13
2051-2150								2		1				1	1				1											6	10
1951-2050								1		3	3		1																	8	7
1851-1950							2					1			1															4	5
1751-1850													1						1			1								3	3
1651-1750											1			1		1														3	2
1551-1650								1		2																				3	1
1451-1550																															
1351-1450																															
1251-1350																															
1151-1250																															
1051-1150																															
951-1050																															
851- 950																															
751- 850																															
SUM					1	2	5	8	9	13	11	14	9	6	15	12	9	9	23	32	23	17	10	18	4	11	3	14	5	283	
%						1	3	6	9	13	17	22	25	28	33	37	40	43	52	63	71	77	81	87	88	92	93	98	100		
MEAN					3000	2300	2100	2188	2556	2200	2564	2886	3011	2850	3307	3333	3389	3433	3174	3700	3726	3929	3630	4000	3900	4527	3800	4514	4640	3415	
0.90									2860	2785	3495	3330	3760		4400	5030	3705	4260	4285	4343	4873	5980	4850	4960		5840		5203		4806	
0.75							2237	2400	2741	2387	3112	3125	3625	3500	3575	3750	3625	3787	3675	4183	4175	4425	4400	4340	4800	5375	4975	5125	5487	4153	
0.50					3000	2300	2175	2150	2666	2266	2400	2800	3100	3050	3462	3300	3500	3400	3300	3700	3800	4200	3350	4200	3500	4625	3600	4600	4125	3381	
0.25							1912	2050	2312	1991	2008	2660	2875	2100	2725	2400	3075	3162	2387	3175	3137	2612	2975	3433	3000	3525	2825	4200	4062	2665	
0.10									2240	1615	1953	2190	1840		2100	2270	2940	2840	2160	2790	2680	2420	2600	2930		2860		2790		2164	

Years Since First Degree

TABLE 7. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY MALE EMPLOYEES HAVING THE BACHELORS (BUT NO HIGHER) DEGREE, WHO ARE PRACTICING MATHEMATICS OR STATISTICS

Monthly 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	36	40	41	50	SUM	%
6751-7950																																										
6251-6750																																										
5751-6250																																										
5251-5750																																										
4751-5250																			1														2								3	100
4651-4750																																	1								1	99
4551-4650																																										
4451-4550																																	1								1	
4351-4450																																	1								1	
4251-4350																							1		2		1		1				1								6	98
4151-4250																						1					1		2		1										5	96
4051-4150																							2		1				1												4	95
3951-4050															1												1		2		1		2		1		1				9	94
3851-3950																1									3		1				1										6	91
3751-3850														1			1							1						1		2									6	89
3651-3750															2				1				1						1												5	88
3551-3650								1			1				1				1		3		3		1		2				3		1		1						18	86
3451-3550												1				1		2	3		6		4		1		1						1		1						21	81
3351-3450																3	1		1		1		1		1				1				1				1				11	75
3251-3350			1							1						1	2	1			2		3		1		1		2				1				1				17	71
3151-3250									2			1		1	1	1	2	2			3		2				1						1				1				18	66
3051-3150													3	2	1	1	2			1	4				3				1		2		2								22	61
2951-3050					1						1		2	3	1		2			4	1		1								4										20	55
2851-2950								1					2			5	3	1			2		1						1		1				1				1		19	49
2751-2850					1			1		2	1				1		2			1	1		1				1				3										15	43
2651-2750	1				1			1								1	2	3		1	1								2				1						2		16	39
2551-2650								2			1	1			2	2	2				1						1		1				1								14	34
2451-2550						3	1			1	1	1		1		3	1														1				1						14	30
2351-2450					1		4	1				1	1					1			1		1	1	1						1										14	26
2251-2350		2	2		2	3		1		2	1	1						1																							15	22
2151-2250			1		1	1	1	1		1			1			1				1	1																				10	17
2051-2150	3	1	2	2	1		3	1	1				1																												15	14
1951-2050	3	1	1		1	3				1		1				1																									12	10
1851-1950			2			1			1																																4	6
1751-1850		1	1					1	1																																4	5
1651-1750		1	2	1		1		1	1																																7	4
1551-1650			1			2																																			3	2
1451-1550																																										
1351-1450			1																																						1	1
1251-1350																			1																						1	
1151-1250																																										
1051-1150		1			1																																				2	
951-1050																																										
851-950																																										
751-850																																										
SUM	7	7	14	3	10	11	11	8	12	8	6	7	10	8	10	21	20	11	16	28	22	14	11	15	19	19	5	4	3	340												
%	2	4	8	9	12	15	19	21	24	27	29	31	34	36	39	45	51	54	59	67	74	78	81	85	91	96	98	99	100													
MEAN	2143	1900	2021	1967	2290	1991	2327	2325	2492	2525	2800	2643	2780	3088	3230	2919	2990	2945	3144	3196	3436	3564	3545	3500	3216	3784	3300	3475	2767	2952												
0.90			2330		2900	2313	2513		3190				3116		3850	3446	3350	3495	3690	3590	4090	4280	4240	4225	3960	4760				3883												
0.75	2125	2362	2200	2112	2700	2758	2458	2450	2850	2800	3000	3175	3066	3150	3675	3325	3200	3275	3516	3500	3633	3933	3975	4075	3625	4375	3625	3700	2875	3454												
0.50	2066	2000	1950	2075	2300	2000	2387	2250	2600	2400	2700	2500	2950	3050	3150	2900	2950	2900	3050	3216	3475	3550	3575	3400	3037	3775	3500	3250	2725	2970												
0.25	2008	1725	1725	1725	2100	1725	2141	1950	2000	2250	2500	2325	2400	2983	2800	2562	2750	2675	2900	2950	3225	3133	3225	2925	2841	3225	2875	3250	2687	2428												
0.10			1590		1550	1605	2086		1770				2150		2600	2453	2600	2360	2210	2630	2870	2063	2760	2675	2540	2740				2050												
	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	36 40	41 50	SUM	%											

Years Since First Degree

TABLE 8. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY FEMALE EMPLOYEES HAVING THE BACHELORS (BUT NO HIGHER) DEGREE, WHO ARE PRACTICING MATHEMATICS OR STATISTICS

Monthly 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	36 40	41 50	SUM	%
6751-7950																															
6251-6750																															
5751-6250																															
5251-5750																															
4751-5250																															
4651-4750																															
4551-4650																															
4451-4550																															
4351-4450																															
4251-4350																															
4151-4250																															
4051-4150																				1										1	100
3951-4050																															
3851-3950																															
3751-3850																				2										2	99
3651-3750																															
3551-3650																			1									1		2	98
3451-3550																				1										1	96
3351-3450			1						1	1										1										4	95
3251-3350																				1										1	92
3151-3250																				1										1	91
3051-3150								1											1							1		2		5	
2951-3050								1						1			1									1				4	87
2851-2950											1						1		1									1		4	84
2751-2850				1														1	1			2		1						6	81
2651-2750								1			1			1			1	1												5	76
2551-2650										1		1	1						1											4	72
2451-2550																			1		1							1		3	69
2351-2450				2	2	1		1	1								1			1	2									11	67
2251-2350		1		1								1							1	1								1		6	58
2151-2250			1		4		2		1	1				1		1														11	53
2051-2150			2																2											4	45
1951-2050		1	1	1	3	3		1	2	1												1	1		1					16	42
1851-1950	1						1		1				2																	5	29
1751-1850	1	2		2						1																				6	26
1651-1750	1	5	2		1																									9	21
1551-1650		2		1																										3	14
1451-1550					1												1					1	1							4	12
1351-1450		1										1											1							3	9
1251-1350	1	1	3						1																					6	6
1151-1250		1																												1	2
1051-1150	1																													1	1
951-1050																															
851-950																															
751-850																															
SUM	5	14	10	8	11	4	3	5	7	5	2	3	3	3		1	5	2	9	9	3	4	3	1	1	2		6		129	
%	4	15	22	29	37	40	43	47	52	56	57	60	62	64		65	69	71	78	84	87	90	92	93	94	95		100			
MEAN	1560	1679	1910	2138	2073	2100	2100	2640	2171	2400	2800	2100	2133	2633		2200	2500	2750	2667	3311	2433	2275	1633	2800	2000	3050		2917		2289	
0.90		2010	2800		2395														3560	4060										3132	
0.75	1825	1775	2125	2400	2231	2200	2212	3025	2375	2625		2575	2575	2975			2925		2925	3787	2475	2800	1975					3125		2725	
0.50	1700	1690	1850	2150	2162	2016	2175	2700	2025	2200	2800	2300	1925	2700		2200	2700	2750	2600	3400	2425	2400	1500	2800	2000	3050		3000		2209	
0.25	1275	1575	1333	1800	1975	1983	1925	2375	1925	1975		1425	1867	2225			2375		2275	3175	2387	1750	1425					2500		1837	
0.10			1290	1283	1660														2095	2340										1497	
	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	36 40	41 50	SUM	%

Years Since First Degree