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, 1979), years of experience, educational degree, supervisory level, and sex.

The data reported here were collected in 1979 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.

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* This survey was conducted for the Department of Energy by Battelle-Columbus Laboratories. The report, entitled 1979 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 061-000-00367-3, and the price is $7.00.

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	19	21	23	25	27	29	31	33	35	40	50	SUM	%
6551-7550																															
6051-6550																															
5551-6050																															
5051-5550																															
4551-5050																															
4451-4550																															
4351-4450																															
4251-4350																				1										1	100
4151-4250																															
4051-4150																								1						1	
3951-4050																							1	2	2			1	1	7	
3851-3950																							1	1						2	
3751-3850																															
3651-3750		1																												1	
3551-3650																		1		1				1						3	99
3451-3550																							2	1						3	
3351-3450													1								1			1	3			1		7	
3251-3350									1				1			1			1			1		1	1			1		8	
3151-3250										1					1		2	3	1		5	3	5	2	1	1		2		27	
3051-3150					1										1	1			1	4			3	2		1		1		15	97
2951-3050										1	1	4	2					2	2	4	3		3	4	3			2		31	
2851-2950	1											1	1	1	3	2	2	1	3	6	10	3	7	10	2			1		54	96
2751-2850								1		1				1			2	2	7	11	10	3	7	4	4	1				54	93
2651-2750									1		2	2	5	5	3	4	6	9	8	5	12	8	4	7	1		1		1	84	91
2551-2650							1		1			3	3	3	6	4	1	4	12	9	6	3	8	4		1		1		70	88
2451-2550			1	1			2	2	2	1	2	4	7	5	7	4	4	6	12	6	5	3	5	7	3	1	1	3	1	95	85
2351-2450					1	1	2		2	3	2	4	7	4	8	6	4	6	14	11	9	6	6	4	5	1		1		107	81
2251-2350						2	2	2	4	2	6	8	4	11	8	4	4	7	8	9	8	6	5	6	4		1	2	2	115	76
2151-2250					1	1	6	9	5	10	9	22	21	19	10	6	7	8	8	4	2	7	6	5			1	3	2	172	71
2051-2150		1		2	1	2	9	10	14	8	10	11	13	12	6	5	8	6	10	6	6	1	4	5	1			1		152	64
1951-2050	1	1	1	1	3	8	13	9	16	9	8	10	12	8	1	7	4	9	10	3	4			3	2		1	2		146	58
1851-1950		3	4	5	7	14	13	19	8	6	7	6	10	5	3	3	3	5	5	8	2	3	3			2	1	1		146	52
1751-1850		6	6	4	11	20	14	20	11	11	8	4	8	4	5	1	4	7	3	5	2	1	1	1		1				153	45
1651-1750	2	2	10	10	26	18	19	8	14	6	7		7	4	4		4	3	2	2	1		1	2	1					153	39
1551-1650	2	17	17	20	20	15	11	8	9	10	5	4	2	1	1			2	2	1	3				2	1		1		154	33
1451-1550	22	40	38	27	25	19	11	7	5	7	3	2	1		2	3		1	7		1		1		1					218	26
1351-1450	27	30	25	22	11	9	5	5	3	5		2	1			1					1		1		2					150	17
1251-1350	14	35	17	14	7	5	3	7	1	2	2	2	2																	111	11
1151-1250	6	17	19	7	3	5	4	1	2		2	1	1		1	1			1	1								1		73	6
1051-1150	7	17	5	10	2	1	1		1	1		1		1					1							1				49	3
951-1050		8	5	2		2	1								1					1										20	1
851-950	1	2	1	1																										5	
751-850																															
651-750																															
551-650																															
SUM	83	180	149	126	119	122	117	108	100	84	74	91	107	86	71	52	56	77	113	98	91	48	74	73	39	11	6	25	7	2387	
%	3	11	17	23	28	33	38	42	46	50	53	57	61	65	68	70	72	75	80	84	88	90	93	96		98	99		100		
MEAN	1401	1396	1446	1478	1621	1666	1788	1829	1897	1889	1972	2124	2116	2213	2235	2231	2296	2325	2337	2432	2502	2502	2605	2649	2603	2264	2267	2544	2600	1976	
0.90	1539	1626	1721	1760	1880	1972	2171	2185	2275	2280	2343	2580	2560	2658	2680	2695	2820	2815	2802	2955	2949	2923	3182	3235	3420	3140		3300		2720	
0.75	1482	1515	1560	1607	1731	1837	1994	2016	2085	2125	2188	2290	2306	2345	2496	2500	2550	2618	2606	2772	2812	2725	2900	2917	2991	2775	2500	3037	2675	2326	
0.50	1400	1386	1456	1475	1607	1677	1775	1840	1900	1850	1987	2161	2123	2192	2268	2233	2221	2285	2382	2431	2575	2450	2600	2637	2500	2400	2250	2466	2325	1923	
0.25	1298	1252	1292	1332	1477	1494	1588	1637	1678	1610	1742	1957	1897	2031	2025	2007	2025	2019	2072	2108	2259	2250	2280	2287	2268	1825	2000	2158	2237	1536	
0.10	1155	1097	1170	1146	1348	1334	1404	1406	1510	1455	1558	1577	1702	1815	1702	1770	1790	1835	1856	1846	1905	2130	2060	2076	1595	1560		1900		1332	

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

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	%
6551-7550																																										
6051-6550																																										
5551-6050																																										
5051-5550																																										
4551-5050																																										
4451-4550																																										
4351-4450																																										
4251-4350																																										
4151-4250																2																									2	100
4051-4150																																										
3951-4050																																										
3851-3950																	1																								1	99
3751-3850																			1		1								1												3	
3651-3750																							1				1				1								1		4	98
3551-3650																					1																1		1		3	97
3451-3550																				1			1				1				1										4	96
3351-3450																				1					2		2														5	95
3251-3350																		2		3		2		3	2		2		2		2			1							17	93
3151-3250												1								5		2		4	2		5		1					1							21	88
3051-3150																		2				5		1	4				2		2		2				1				19	81
2951-3050							1					2	1	1		1				2		1		1					2												12	75
2851-2950											1				2	1		1		4		3		4	2										1						19	71
2751-2850							1							1	1	1		2		6		1					1		1										1		17	65
2651-2750							1		1		1	1	4	2	3		5	3		3		4		5			1		2												36	60
2551-2650									1		1		2	3	1	3	1	1		4		2		1					1									1			22	48
2451-2550										1	2	1		2	2	2	3	2		1				1	1		1														19	41
2351-2450									1	1	2		2			3		2		1																			1		13	35
2251-2350						1	1	2			1	2	4	1	2	3	3	1		4		2													1						28	31
2151-2250							1				3	1		3	3	1		1		2		1																			16	22
2051-2150							1	2	3	3	1	1	1		1	1		1												1							1				17	17
1951-2050						1	3		1	1	1																														7	12
1851-1950					3			2		1				1								1																			8	10
1751-1850		1					1			1												1	1																		5	7
1651-1750		1			1							2																													4	6
1551-1650																																										
1451-1550																																										
1351-1450	5																																								5	4
1251-1350	8	1																																							9	3
1151-1250																																										
1051-1150																																										
951-1050																																										
851- 950																																										
751- 850																																										
651- 750																																										
551- 650																																										
SUM	13	1	2		4	2	10	6	7	8	13	11	14	14	15	18	13	18	38	27	23	13	14	13	5	4	2	4	4	316	
%		4	5		6	7	10	12	14	17	21	24	29	33	38	44	48	53	66	74	81	85	90	94	96		97	99	100		
MEAN	1338	1300	1750		1850	2150	2290	2100	2286	2113	2385	2427	2507	2486	2507	2683	2646	2689	2842	2848	2957	3115	3186	2977	3240	3175	2600	2850	3125	2637	
0.90	1424						2900				2720	3045	2740	2810	2875	4160	2744	3260	3323	3315	3340	3385	3510	3335						3293	
0.75	1385				1916		2700	2275	2575	2250	2537	2962	2687	2675	2725	2800	2705	2900	3180	3135	3231	3287	3375	3225	3525	3250		3350	3650	3050	
0.50	1331	1300	1750		1883	2150	2150	2100	2133	2083	2375	2325	2500	2550	2525	2500	2600	2683	2816	2900	2937	3137	3230	3025	3125	3150	2600	2850	3200	2663	
0.25	1290				1800		2000	1925	2075	1950	2191	2125	2312	2233	2241	2333	2458	2425	2587	2637	2705	3056	3160	2712	3062	3100		2350	2600	2278	
0.10	1266						1900				2080	1705	2260	2163	2166	2230	2293	2230	2295	2220	2580	2865	2690	2580						1958	
	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

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	%
6551-7550																																										
6051-6550																																										
5551-6050																																										
5051-5550																																										
4551-5050																																										
4451-4550																																										
4351-4450																																										
4251-4350																																										
4151-4250																																										
4051-4150																																										
3951-4050																											1										1				2	100
3851-3950																										1															1	
3751-3850																											1														1	
3651-3750																							2			1					1		1		1						6	
3551-3650																					1		1			1											1				5	99
3451-3550																				1	2		1								2		2								8	
3351-3450																										1		2									1				4	98
3251-3350																	1			1		3	2	1				2			3										13	
3151-3250													1		1			3				3	1	1	3			6		1	2	1	1								24	97
3051-3150														3				1		2		3	1	1	4			2		1	3	2	1								23	95
2951-3050											1	1	1	1	3	1	5	4	2	3		4	1		3			7		3	2	2	3								46	94
2851-2950								1			1	3		2			1	4	3	5		4	4		6					6				1		5		2			48	90
2751-2850											1	1			2	2	5	4	11	7		3	4		6			4		4	4					2					60	87
2651-2750								1	1		3	4		8	4	2	8	2	12	8		10	9		9			3		3	1		1					1			90	82
2551-2650								1	1	2	3	4	3	4	2	5	2	9	10	5		4	8		5			3		2			1		2						76	75
2451-2550			1				2	3	1	1	2	4	4	8	6	9	6	6	10	7		8	5		5			4		5	2										99	70
2351-2450						1	2		1	3	3	6	2	3	6	5	7		6	7		4	2		1			8		4	6							2			79	62
2251-2350						1		2	2	2	3	4	8	4	3	7	1	9	10	10		5			3			3		6	2	3									88	56
2151-2250						2	1	2	4	2	8	7	5	15	8	5	4	6	2	7	6		4		1			1		2			1		1						94	50
2051-2150						2	7	6	9	8	4	8	8	6	4	3	3	2	4	2		2			1			1		2					1						83	43
1951-2050					4	2	7	10	8	8	2	5	5	2	7	6	2	3	8			2			3			1						2		1					83	37
1851-1950			1	1	2	6	8	7	6	3	6	3	5	2	3	1			2	2		2			1			1													42	31
1751-1850			1	6	7	7	7	13	8	7	7	3		2	3		4		3			2			2			1			1										84	26
1651-1750			3	8	10	10	9	3	3	2	3	4	3		2			1	5				1					1								1					69	20
1551-1650		2	5	15	8	4	8	5	6	3	1	5		4			1	3	2	1																					73	15
1451-1550	1		3	10	7	5	6	3	5	2	1	2	2		2				1	2	1							1													54	9
1351-1450			2	2	3	5	3	3	2	1	2								2												1											26	5
1251-1350		1	1	2	2	2	3	2	2	3			1		1				1																		1				22	3
1151-1250				1	4	2	2		2	1								1																							13	2
1051-1150			2			4	1																																		7	1
951-1050																1																									1	
851- 950																																										
751- 850																																										
651- 750																																										
551- 650																																										
SUM	1	3	19	45	47	53	66	62	61	48	50	64	48	64	52	47	50	58	98	78	65	41	57	51	52	24	14	21	5	1344	
%			2	5	9	13	17	22	27	30	34	39	42	47	51	54	58	62	70	75	80	83	88	91	95	97	98		100		
MEAN	1500	1500	1584	1598	1623	1672	1776	1910	1874	1931	2114	2194	2165	2342	2287	2336	2480	2467	2394	2595	2588	2641	2714	2708	2742	2742	2664	2752	2660	2258	
0.90			1860	1791	1915	2085	2127	2340	2247	2390	2650	2715	2556	2745	2790	2665	2970	3005	2842	3190	3200	2947	3193	3248	3343	3480	3210	3440		2947	
0.75		1612	1691	1696	1767	1862	1985	2058	2091	2125	2366	2475	2337	2600	2533	2530	2743	2787	2712	2860	2841	2793	2945	3062	3050	3050	3025	3008	2887	2643	
0.50	1500	1575	1580	1600	1643	1695	1764	1878	1891	1975	2125	2178	2150	2275	2283	2360	2500	2516	2480	2570	2562	2655	2722	2700	2750	2750	2650	2880	2700	2251	
0.25		1325	1437	1512	1489	1455	1568	1733	1620	1750	1828	1916	1970	2150	2050	2165	2212	2225	2062	2305	2275	2515	2495	2396	2375	2400	2266	2562	2412	1834	
0.10			1145	1425	1285	1215	1370	1490	1452	1430	1683	1638	1710	1870	1756	1995	1900	1976	1726	2161	2025	2227	2040	2160	2210	2320	2020	1960		1565	
	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

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	%
6551-7550																															
6051-6550																															
5551-6050																															
5051-5550																															
4551-5050																															
4451-4550																															
4351-4450																															
4251-4350																															
4151-4250																															
4051-4150																															
3951-4050																															
3851-3950																					1									1	100
3751-3850																															
3651-3750																			1		1		1	2				1		6	
3551-3650																		1		1										2	97
3451-3550																		2			1	1	2					1		7	96
3351-3450																	1						1	2	2					6	92
3251-3350																			1	2	1	2	1	1	1	1	1		1	12	89
3151-3250																		1	1	3	1		1	1	2	2		1		13	83
3051-3150																		1	2	3	3			2						11	77
2951-3050	1									1			2	2				1		1	2			3			1	1		14	71
2851-2950													2	2					1	1			2							8	64
2751-2850										1	1		2	1	1			2	3	2	1		1	2	3	2		1		23	60
2651-2750									2	1	1	1		4	1			1	5	2	1	1	5	1				2	1	29	49
2551-2650									1	1	2	1	1	1	2			1	1	1	1	2		1	2					17	34
2451-2550	1								3		1	2	1	1	1		1	1		1	1	1		1	1					14	26
2351-2450								1		1	1	1	1	1	1	2	1		1	1				1						11	19
2251-2350								1			1		1		1		1				1		1							6	13
2151-2250								1			1	2	1			1					1			2						9	10
2051-2150						1				1																				2	6
1951-2050								1	1	1					1					1										5	5
1851-1950								1	1				1																	2	2
1751-1850								1													1									2	1
1651-1750																															
1551-1650																															
1451-1550																															
1351-1450																											1			1	
1251-1350																															
1151-1250																															
1051-1150																															
951-1050																															
851- 950																															
751- 850																															
651- 750																															
551- 650																															
SUM							1	2	3	8	3	6	8	6	11	13	8	11	16	19	17	7	15	19	11	5	3	7	2	201	
%								1	3	7	8	11	15	18	24	30	34	40	48	57	66	69	77	86	92	94	96	99	100		
MEAN							2100	1900	2033	2450	2300	2417	2488	2600	2655	2692	2663	3027	2888	2921	2929	2929	3000	2953	2964	3060	2567	3086	3000	2804	
0.90															2995	2985		3545	3290	3305	3680		3525	3655	3395					3381	
0.75									2175	2650	2375	2525	2750	2700	2912	2887	2750	3462	3100	3191	3225	3312	3375	3275	3275	3237	3275	3475		3120	
0.50							2100	1900	2000	7516	2300	2450	2500	2600	2775	2712	2600	3000	2783	3000	3025	2700	2875	3000	2833	3175	3000	3000	3000	2760	
0.25									1925	2300	2225	2225	2250	2500	2425	2575	2450	2725	2690	2687	2575	2587	2705	2625	2637	2812	1425	2737		2537	
0.10															2260	2365		2560	2610	2440	2220		2660	2245	2555					2240	
	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	%

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TABLE 5. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF NONSUPERVISORY EMPLOYEES HAVING THE DOCTORATE 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	36 40	41 50	SUM	%
6551-7550																															
6051-6550																															
5551-6050																															
5051-5550																															
4551-5050																															
4451-4550																															
4351-4450																															
4251-4350																															
4151-4250														1							1				1					3	100
4051-4150																													1	1	99
3951-4050																		1	1				2			1		1		6	
3851-3950																				1	1							1		3	98
3751-3850																		1						1						2	
3651-3750																		1	2	1	1	2					1	1		9	97
3551-3650																				1					1					2	96
3451-3550											1									1			2	1	1		1	2		9	95
3351-3450															2	1			1			1	1	2	1			2		11	94
3251-3350											1										2	1		1						5	92
3151-3250																	1	1	2	1	1	2	2	2	2	1	1	1	2	19	91
3051-3150										1	1		1	1		1	2	2	1	1	2			1	3	1				18	87
2951-3050											1	1	1	1		2	3	3	1	3	1	3		1	3			1		25	84
2851-2950												1	1	1	2	1	2	1	2	1	1		2	5	1			1		22	79
2751-2850							1				2	1	3	3	2	2	1	1	5	4	2			1	3	1		1		32	75
2651-2750									1	2	1	1	4	2	3	2	3	3	2	4	2	1	3	1	1	1		1		38	69
2551-2650										1	2	6	2	5	1	5		3	1	3	3			1				2		35	62
2451-2550								2		2	3	5	3	2	2	2	4	1	4		1		2	1				1		35	56
2351-2450									1	4	1	2	6	6	9	1		2	3	1			3	2	2		1	1		45	50
2251-2350								1	4	5	2	4	4	6		4	4	1	3	1	1			1			1	2		44	41
2151-2250				1	2	2	2	2	6	4		3	5	1	2	5	1		3					1				2		40	33
2051-2150					1		5	5	6	3	3	3	2	6	4	3			4	1										41	26
1951-2050				1	1	3	3	5	3	1	2	2	3	2	4	2	2	2	1											34	18
1851-1950						2	3	3	3	2	4	2	3	2	1	1														23	12
1751-1850						1	1				2	4		1	1		1	1			1									13	8
1651-1750							1	2	1	2		1	1				2													10	6
1551-1650						1		1	1		1	2	2																	8	4
1451-1550							1	1	1	1			1		1					1										7	2
1351-1450																															
1251-1350																1	1													2	1
1151-1250						1	1																							2	
1051-1150																															
951-1050									1																					1	
851- 950																															
751- 850																															
651- 750																															
551- 650																															
SUM					2	7	11	23	29	28	26	38	40	40	35	33	27	24	36	25	20	10	17	22	19	5	5	20	3	545	
%						2	4	8	13	18	23	30	37	45	51	57	62	67	73	78	81	83	86	90	94	95	96	99	100		
MEAN					2100	1871	1945	2009	2083	2250	2327	2271	2323	2440	2409	2439	2481	2788	2672	2840	2955	3220	2994	2923	3063	3160	3020	2955	3500	2526	
0.90							2245	2320	2360	2660	2990	2670	2800	2850	2875	2985	3065	3710	3390	3600	3800	3700	3965	3440	3560			3800		3231	
0.75						2162	2162	2135	2245	2425	2625	2558	2550	2630	2691	2687	2912	3050	2900	3041	3250	3400	3425	3225	3212	3225	3525	3450	4075	2846	
0.50						2000	1966	2020	2125	2270	2300	2300	2325	2383	2400	2400	2512	2716	2550	2787	2850	3200	2875	2910	3033	3100	3200	2850	3225	2457	
0.25						1625	1725	1875	1958	2083	1937	1975	2050	2133	2093	2175	2225	2450	2283	2625	2616	3000	2512	2600	2808	2775	2375	2450	3187	2138	
0.10							1460	1665	1640	1740	1830	1770	1800	2000	1962	2015	1735	2020	2115	2300	2400	2850	2406	2360	2445			2250		1900	
	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	

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TABLE 6. CROSS-CLASSIFICATION BY SALARY AND MATURITY OF SUPERVISORY EMPLOYEES HAVING THE DOCTORATE 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	36	40	41	50	SUM	%
6551-7550																																										
6051-6550																																										
5551-6050																																										
5051-5550																																										
4551-5050																																										
4451-4550																																										
4351-4450																													1								1				2	100
4251-4350																																										
4151-4250																																										
4051-4150																									1																1	98
3951-4050																													1												1	96
3851-3950																													1												1	95
3751-3850																1											1														2	94
3651-3750																									2												1				3	92
3551-3650																															1										1	88
3451-3550																				1											2										3	87
3351-3450										1		1								1					2				1								1				7	84
3251-3350																				1		1			2		1		1												6	75
3151-3250																								1	3																	4	68
3051-3150												1				1	1	1	1																							5	64
2951-3050																2			1												2										5	58
2851-2950															1	1		1					1																		4	52
2751-2850													1	1	2	1						1																			6	47
2651-2750														2	2		1	1	1																						7	40
2551-2650													1	1	2				1			1					1														7	32
2451-2550										2		1			1							1			1																6	24
2351-2450												1															1														2	16
2251-2350									1		1														1																3	14
2151-2250																								1																	1	11
2051-2150														1	1			1				1																			4	9
1951-2050													1																												1	5
1851-1950																																										
1751-1850																																										
1651-1750								1								1																									2	4
1551-1650								1																																	1	1
1451-1550																																										
1351-1450																																										
1251-1350																																										
1151-1250																																										
1051-1150																																										
951-1050																																										
851-950																																										
751-850																																										
651-750																																										
551-650																																										
SUM								2	1	3	2	3	3	5	9	7	2	4	7	5	3	12	4	5	5				3											85	
%								2	4	7	9	13	16	22	33	41	44	48	56	62	66	80	85	91	96				100												
MEAN								1650	2300	2800	2850	2667	2467	2580	2633	2900	2900	2700	3086	2660	2767	3275	3025	3800	3320				3833												2945	
0.90															2860							3740																			3700	
0.75										3375		3075	2775	2737	2787	3075		3000	3375	2825	3175	3550	3450	4025	3537				4375												3345	
0.50								1650	2300	2525	2850	2500	2600	2675	2675	2975	2900	2800	3100	2600	2900	3300	2950	3900	3475				3700												2912	
0.25										2487		2425	2025	2575	2562	2825		2400	2725	2475	2725	3183	2500	3375	3012				3425												2567	
0.10															2140							2470																			2200	

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