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## our 1973 graduates 10 years later


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TEN YEAR SALARY PROGRESS OF ENGINEERING GRADUATES WHO RECEIVED A B.S. DEGREE IN 1973

	NUMBER OF GRADS	NUMBER OF QUEST RETURNED	MILITARY SERVICE	FULLTIME SCHOOL	NUMBER MISC	NUMBER EMPLOYED	AVERAGE MONTHLY SALARY	MEDIAN MONTHLY SALARY	HIGH MONTHLY SALARY	LOW MONTHLY SALARY	AVERAGE STARTING SALARY	PERCENT OF INCREASE
ALL ENGINEERS	765	347	11	2	16	318	\$ 3202	\$ 3102	\$ 9996	\$ 1600	\$ 965	231.8%
AERO. E.	43	23	3	1	0	19	\$ 3353	\$ 3079	\$ 7500	\$ 2234	\$ 902	271.7%
AG. E.	25	17	0	0	1	16	\$ 3351	\$ 2973	\$ 9996	\$ 2000	\$ 933	259.2%
CERAM. E.	15	10	0	0	2	8	\$ 3166	\$ 3122	\$ 4000	\$ 2275	\$ 921	243.8%
CIVIL E.	140	66	2	1	3	60	\$ 3133	\$ 3000	\$ 7000	\$ 2000	\$ 894	250.4%
COMP. ENG.	46	17	1	0	1	15	\$ 3178	\$ 3100	\$ 4300	\$ 1800	\$ 948	235.2%
COMP. SCI.	28	4	1	0	1	2	\$ 3510	\$ 3510	\$ 3683	\$ 3338	\$ 850	312.9%
ELEC. E.	199	91	2	0	4	85	\$ 3241	\$ 3115	\$ 6200	\$ 2100	\$ 936	246.3%
E. MECH.	11	4	0	0	0	4	\$ 3248	\$ 3363	\$ 3750	\$ 2519	\$ 0	0.0%
E. PHYS.	24	13	0	0	1	12	\$ 3201	\$ 3182	\$ 4775	\$ 1600	\$ 486	558.6%
GEN. E.	53	27	1	0	1	25	\$ 3138	\$ 3200	\$ 5400	\$ 1667	\$ 909	245.2%
IND. E.	40	19	0	0	0	19	\$ 3028	\$ 2903	\$ 4560	\$ 2058	\$ 935	223.9%
MECH. E.	122	48	1	0	2	45	\$ 3151	\$ 3125	\$ 5250	\$ 2000	\$ 1170	169.3%
MET. E.	18	8	0	0	0	8	\$ 3539	\$ 3520	\$ 4450	\$ 2440	\$ 996	255.3%
E. TECH.	1	0	0	0	0	0						

SURVEY OF GRADUATE EDUCATION OF CLASS OF 1973

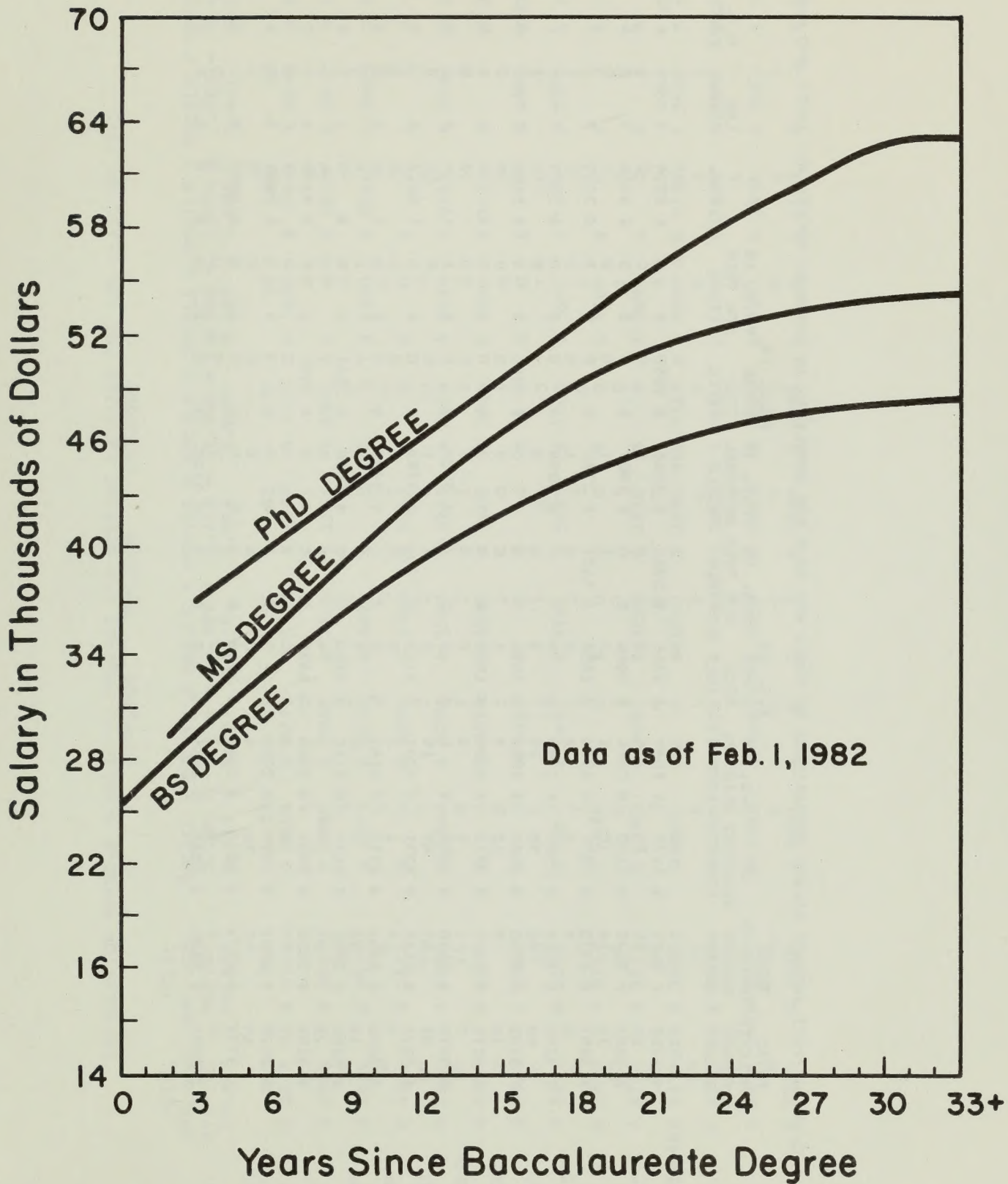
	NUMBER OF GRADS RETURNED	NUMBER OF QUESTIONS RETURNED	TERMINATED WITH BS DEGREE	BS DEGREE ADVANCE DEGREE IN PROGRESS	TERMINATED WITH MS DEGREE	MS DEGREE ADVANCE DEGREE IN PROGRESS	TERMINATED WITH PHD DEGREE	PHD DEGREE IN PROGRESS	PHD DEGREE ADDITIONAL DEGREE IN PROGRESS	TOTAL UNDERTAKING HIGHER EDUC.
ALL ENGINEERS	765	347	162 46.7%	29 8.4%	119 34.3%	12 3.5%	25 7.2%	0 0.0%	0 0.0%	185 53.3%
AERO. E.	43	23	10 43.5%	2 8.7%	9 39.1%	1 4.3%	1 4.3%	0 0.0%	0 0.0%	13 56.5%
AG. E.	25	17	10 58.8%	1 5.9%	4 23.5%	1 5.9%	1 5.9%	0 0.0%	0 0.0%	7 41.2%
CERAM. E.	15	10	2 20.0%	1 10.0%	5 50.0%	1 10.0%	1 10.0%	0 0.0%	0 0.0%	8 80.0%
CIVIL E.	140	66	36 54.5%	2 3.0%	26 39.4%	1 1.5%	1 1.5%	0 0.0%	0 0.0%	30 45.5%
COMP. ENG.	46	17	9 52.9%	3 17.6%	4 23.5%	1 5.9%	0 0.0%	0 0.0%	0 0.0%	8 47.1%
COMP. SCI.	28	4	2 50.0%	0 0.0%	1 25.0%	0 0.0%	1 25.0%	0 0.0%	0 0.0%	2 50.0%
ELEC. E.	199	91	39 42.9%	8 8.8%	31 34.1%	4 4.4%	9 9.9%	0 0.0%	0 0.0%	52 57.1%
E. MECH.	11	4	0 0.0%	1 25.0%	2 50.0%	0 0.0%	1 25.0%	0 0.0%	0 0.0%	4 100.0%
E. PHYS.	24	13	2 15.4%	0 0.0%	3 23.1%	1 7.7%	7 53.8%	0 0.0%	0 0.0%	11 84.6%
GEN. E.	53	27	11 40.7%	3 11.1%	11 40.7%	1 3.7%	1 3.7%	0 0.0%	0 0.0%	16 59.3%
IND. E.	40	19	13 68.4%	1 5.3%	5 26.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 31.6%
MECH. E.	122	48	24 50.0%	7 14.6%	16 33.3%	1 2.1%	0 0.0%	0 0.0%	0 0.0%	24 50.0%
MET. E.	18	8	4 50.0%	0 0.0%	2 25.0%	0 0.0%	2 25.0%	0 0.0%	0 0.0%	4 50.0%

OF THE 156 WHO COMPLETED AN ADVANCED DEGREE 100( 64.1%) COMPLETED THE DEGREE AS FULL-TIME STUDENTS AND 54( 34.6%) AS PART-TIME STUDENTS WHILE EMPLOYED. 2( 1.3%) DID NOT SPECIFY HOW THEY WORKED ON THEIR DEGREE.

OF THE 41 WHO ARE PRESENTLY WORKING ON AN ADVANCED DEGREE 5( 12.2%) ARE DOING SO AS FULL-TIME STUDENTS AND 35( 85.4%) AS PART-TIME OR NIGHT STUDENTS. 1( 2.4%) DID NOT SPECIFY HOW THEY ARE WORKING ON THEIR DEGREE.



WEIGHTED NATIONAL AVERAGE UPPER QUARTILE SALARY  
BY HIGHEST DEGREE EARNED



CLASS OF 1973 AVERAGE SALARY COMPARISONS OF THOSE WHO HAVE NOT COMPLETED AN ADVANCED DEGREE AND THOSE WHO HAVE

ALL ENGINEERS	TOTAL EMPLOYED AVERAGE SALARY	TOTAL EMPLOYED MEDIAN SALARY	NO ADVANCED DEGREE	M.S. IN ORIGINAL FIELD	M.S. IN OTHER TECH FIELD	M.S. IN NON TECH FIELD	PH.D. IN ORIGINAL FIELD	PH.D. IN OTHER TECH FIELD	PH.D. IN NON TECH FIELD	M.B.A.	LAW DEGREE	M.D. IN PRACTICE	OTHER
AERO. E.	19	\$ 3353	\$ 3079	\$ 3140	\$ 2844	\$ 5066	\$ 3907	\$ 0	\$ 0	\$ 3450	\$ 0	\$ 0	\$ 0
AG. E.	16	\$ 3351	\$ 2973	\$ 3511	\$ 2973	\$ 2600	\$ 2738	\$ 0	\$ 0	\$ 3600	\$ 0	\$ 0	\$ 0
CERAM. E.	8	\$ 3166	\$ 3122	\$ 2905	\$ 2760	\$ 0	\$ 4000	\$ 0	\$ 0	\$ 3000	\$ 4000	\$ 0	\$ 0
CIVIL E.	60	\$ 3133	\$ 3000	\$ 3088	\$ 2952	\$ 3050	\$ 0	\$ 3000	\$ 0	\$ 3400	\$ 5000	\$ 5200	\$ 0
COMP. ENG.	15	\$ 3178	\$ 3100	\$ 3272	\$ 3304	\$ 1800	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
COMP. SCI.	2	\$ 3510	\$ 3510	\$ 3683	\$ 0	\$ 0	\$ 3338	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ELEC. E.	85	\$ 3241	\$ 3115	\$ 3231	\$ 3201	\$ 2175	\$ 3593	\$ 0	\$ 0	\$ 11	\$ 0	\$ 0	\$ 0
E. MECH.	4	\$ 3248	\$ 3363	\$ 2519	\$ 3363	\$ 0	\$ 3750	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
E. PHYS.	12	\$ 3201	\$ 3182	\$ 2679	\$ 3115	\$ 3500	\$ 3000	\$ 3361	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
GEN. E.	25	\$ 3138	\$ 3200	\$ 3031	\$ 3300	\$ 3435	\$ 0	\$ 1907	\$ 0	\$ 3349	\$ 0	\$ 0	\$ 0
IND. E.	19	\$ 3028	\$ 2903	\$ 3099	\$ 2058	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2901	\$ 0	\$ 0	\$ 3401
MECH. E.	45	\$ 3151	\$ 3125	\$ 3172	\$ 3345	\$ 3260	\$ 0	\$ 0	\$ 0	\$ 2673	\$ 0	\$ 0	\$ 0
MET. E.	8	\$ 3539	\$ 3520	\$ 3585	\$ 2886	\$ 0	\$ 4100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0



CORRELATION BETWEEN SCHOLASTIC AVERAGE AND AVERAGE SALARIES FOR THE CLASS OF 1973  
(A=5.000 B=4.000 C=3.000)

	TOTAL EMPLOYED AVERAGE SALARY	TOTAL EMPLOYED MEDIAN SALARY	DECILE 1	DECILE 2	DECILE 3	DECILE 4	DECILE 5	DECILE 6	DECILE 7	DECILE 8	DECILE 9	DECILE 10
			5.000 -	4.618 -	4.286 -	4.110 -	3.944 -	3.808 -	3.674 -	3.582 -	3.420 -	3.220 -
			4.619	4.287	4.111	3.945	3.809	3.675	3.583	3.421	3.221	3.000
ALL ENGINEERS	318 \$ 3202	318 \$ 3102	32 \$ 3153	32 \$ 3270	32 \$ 3323	32 \$ 3385	32 \$ 3123	32 \$ 3252	32 \$ 3348	32 \$ 3043	32 \$ 3081	30 \$ 3037
AERO. E.	19 \$ 3353	19 \$ 3079	1 \$ 2700	2 \$ 2885	3 \$ 3914	1 \$ 3184	1 \$ 2992	0 \$ 0	1 \$ 3079	1 \$ 2912	5 \$ 3917	4 \$ 2937
AG. E.	16 \$ 3351	16 \$ 2973	3 \$ 2779	2 \$ 2750	1 \$ 3624	0 \$ 0	0 \$ 0	5 \$ 4150	1 \$ 2666	1 \$ 3600	3 \$ 3047	0 \$ 0
CERAM. E.	8 \$ 3166	8 \$ 3122	0 \$ 0	1 \$ 4000	3 \$ 2928	2 \$ 3122	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	2 \$ 3150
CIVIL E.	60 \$ 3133	60 \$ 3000	5 \$ 3460	3 \$ 3098	3 \$ 3053	6 \$ 3221	11 \$ 2828	7 \$ 2919	6 \$ 4143	7 \$ 3238	7 \$ 2682	5 \$ 3015
COMP. ENG.	15 \$ 3178	15 \$ 3100	0 \$ 0	2 \$ 2875	1 \$ 2933	1 \$ 3100	3 \$ 3093	2 \$ 3566	1 \$ 3625	0 \$ 0	2 \$ 3650	3 \$ 2854
COMP. SCI.	2 \$ 3510	2 \$ 3510	0 \$ 0	1 \$ 3338	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 3683
ELEC. E.	85 \$ 3241	85 \$ 3115	8 \$ 3017	11 \$ 3447	7 \$ 3741	12 \$ 3405	5 \$ 3262	7 \$ 3002	11 \$ 3378	12 \$ 2902	4 \$ 2996	8 \$ 3142
E. MECH.	4 \$ 3248	4 \$ 3363	2 \$ 3488	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 3500	0 \$ 0	0 \$ 0	1 \$ 2519	0 \$ 0
E. PHYS.	12 \$ 3201	12 \$ 3182	3 \$ 3083	2 \$ 3887	3 \$ 3228	1 \$ 3750	0 \$ 0	3 \$ 2653	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0
GEN. E.	25 \$ 3138	25 \$ 3200	2 \$ 2803	0 \$ 0	5 \$ 2873	3 \$ 3306	2 \$ 3219	3 \$ 3233	4 \$ 3125	3 \$ 3408	2 \$ 3016	1 \$ 3666
IND. E.	19 \$ 3028	19 \$ 2903	1 \$ 2584	1 \$ 2328	1 \$ 4560	1 \$ 3041	1 \$ 4535	0 \$ 0	2 \$ 2829	3 \$ 2933	5 \$ 2754	4 \$ 3068
MECH. E.	45 \$ 3151	45 \$ 3125	5 \$ 3353	7 \$ 3284	5 \$ 3059	4 \$ 3851	7 \$ 3043	4 \$ 3392	4 \$ 2836	5 \$ 2868	2 \$ 3073	2 \$ 2333
MET. E.	8 \$ 3539	8 \$ 3520	2 \$ 3625	0 \$ 0	0 \$ 0	1 \$ 3500	2 \$ 3995	0 \$ 0	2 \$ 3120	0 \$ 0	1 \$ 3333	0 \$ 0

JOB CHANGES FOR THE CLASS OF 1973

	NO CHANGE		ONE CHANGE		TWO CHANGES		THREE CHANGES		FOUR OR MORE CHANGES						
	NO	PER AV SAL	NO	PER AV SAL	NO	PER AV SAL	NO	PER AV SAL	NO	PER AV SAL					
ALL ENGINEERS	144	45.3%	\$ 3241	86	27.0%	\$ 3322	47	14.8%	\$ 3165	22	6.9%	\$ 2810	16	5.0%	\$ 2769
AERO. E.	10	52.6%	\$ 3004	4	21.1%	\$ 3986	4	21.1%	\$ 3768	0	0.0%	\$ 0	1	5.3%	\$ 2660
AG. E.	10	62.5%	\$ 3721	4	25.0%	\$ 2594	2	12.5%	\$ 3015	0	0.0%	\$ 0	0	0.0%	\$ 0
CERAM. E.	3	37.5%	\$ 3091	3	37.5%	\$ 3018	1	12.5%	\$ 3000	0	0.0%	\$ 0	1	12.5%	\$ 4000
CIVIL E.	20	33.3%	\$ 3108	15	25.0%	\$ 3369	15	25.0%	\$ 3081	9	15.0%	\$ 3002	1	1.7%	\$ 2050
COMP. ENG.	7	46.7%	\$ 3316	4	26.7%	\$ 3512	0	0.0%	\$ 0	2	13.3%	\$ 2366	2	13.3%	\$ 2844
COMP. SCI.	2	100.0%	\$ 3510	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
ELEC. E.	37	43.5%	\$ 3274	27	31.8%	\$ 3245	12	14.1%	\$ 3393	4	4.7%	\$ 2733	4	4.7%	\$ 2472
E. MECH.	4	100.0%	\$ 3248	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
E. PHYS.	3	25.0%	\$ 3205	6	50.0%	\$ 3300	2	16.7%	\$ 3250	0	0.0%	\$ 0	1	8.3%	\$ 2500
GEN. E.	12	48.0%	\$ 3213	6	24.0%	\$ 3469	4	16.0%	\$ 2804	1	4.0%	\$ 2946	1	4.0%	\$ 1667
IND. E.	11	57.9%	\$ 3000	4	21.1%	\$ 3092	3	15.8%	\$ 3059	1	5.3%	\$ 3000	0	0.0%	\$ 0
MECH. E.	19	42.2%	\$ 3274	11	24.4%	\$ 3386	4	8.9%	\$ 2712	5	11.1%	\$ 2641	5	11.1%	\$ 3172
MET. E.	6	75.0%	\$ 3393	2	25.0%	\$ 3975	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0



PRESENT GEOGRAPHIC LOCATION OF 1973 ENGINEERING GRADUATES

LOCAL	ALL ENGRS	PERCENT	TEN YRS. AGO	AERO ENG.	AGRI ENG.	CERAM ENG.	CIVIL ENG.	COMP ENG.	COMP SCI.	E.E.	ENG. MECH	ENG. PHYS	G.E.	IND. ENG.	M.E.	MET. ENG.
ILL.	136	42.8%	47.7%	3	9	4	31	6	0	31	3	4	11	7	21	6
CAL.	29	9.1%	8.1%	3	0	1	5	2	1	8	0	5	1	1	2	0
MO.	14	4.4%	1.6%	2	1	0	4	0	0	4	0	0	3	0	0	0
TEX.	13	4.1%	4.0%	2	0	0	1	1	0	4	1	1	0	1	1	1
MICH.	11	3.5%	4.5%	1	1	0	0	0	0	3	0	0	1	0	5	0
IND.	10	3.1%	4.5%	0	1	0	3	0	0	4	0	0	1	0	1	0
COLD.	9	2.8%	1.1%	0	0	0	0	0	0	4	0	0	0	0	5	0
IOWA	9	2.8%	2.9%	0	3	0	0	0	0	3	0	1	0	1	1	0
ORE.	9	2.8%	0.3%	0	0	0	3	0	0	4	0	0	1	0	1	0
OHIO	7	2.2%	3.2%	1	0	0	1	0	0	1	0	0	0	2	1	1
WIS.	7	2.2%	0.8%	1	0	0	0	1	0	2	0	0	1	1	1	0
ARIZ.	6	1.9%	0.8%	0	0	0	2	1	0	1	0	0	0	0	2	0
TENN.	6	1.9%	1.3%	0	0	1	1	0	0	1	0	0	1	1	1	0
CONN.	5	1.6%	0.8%	2	0	0	0	0	0	2	0	0	1	0	0	0
CONN.	5	1.6%	3.2%	0	0	1	1	1	0	2	0	0	0	0	0	0
N.Y.	5	1.6%	0.5%	0	0	0	2	0	0	1	0	0	1	0	0	0
FLA.	4	1.3%	0.5%	0	0	0	2	0	0	1	0	0	0	0	0	0
N.J.	4	1.3%	0.5%	0	0	0	1	0	0	2	0	0	0	1	0	0
WASH.	4	1.3%	2.1%	3	0	0	0	0	0	1	0	0	0	0	0	0
MINN.	3	0.9%	1.3%	0	0	0	0	2	0	0	0	0	0	0	1	0
N.CAR.	3	0.9%	0.0%	0	0	0	0	0	0	2	0	0	0	1	0	0
ALA.	2	0.6%	0.0%	0	0	0	0	0	0	1	0	0	1	0	0	0
GA.	2	0.6%	0.3%	0	0	0	0	0	0	0	0	0	0	0	0	0
NEV.	2	0.6%	0.0%	0	0	0	1	0	0	0	0	0	0	2	0	0
N.MEX.	2	0.6%	0.0%	0	0	1	0	0	0	0	0	1	0	1	0	0
OKLA.	2	0.6%	0.8%	0	1	0	1	0	0	0	0	0	0	0	0	0
PA.	2	0.6%	3.2%	0	0	0	0	0	1	1	0	0	0	0	0	0
VER.	2	0.6%	0.3%	0	0	0	0	0	0	1	0	0	1	0	0	0
FRGN	2	0.6%	0.0%	0	0	0	0	1	0	0	0	0	0	0	1	0
ALAS.	1	0.3%	0.0%	0	0	0	1	0	0	0	0	0	0	0	0	0
DEL.	1	0.3%	0.0%	0	0	0	0	0	0	0	0	0	1	0	0	0
KAN.	1	0.3%	0.0%	0	0	0	1	0	0	0	0	0	0	0	0	0
MD.	1	0.3%	0.5%	0	0	0	1	0	0	0	0	0	0	0	0	0
MASS.	1	0.3%	1.1%	1	0	0	0	0	0	0	0	0	0	0	0	0
MISS.	1	0.3%	0.0%	0	0	0	0	0	0	0	0	0	0	0	1	0
VA.	1	0.3%	0.8%	0	0	0	0	0	0	1	0	0	0	0	0	0
D.C.	1	0.3%	0.8%	0	0	0	0	0	0	1	0	0	0	0	0	0
ARK.	0	0.0%	0.3%	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWAII	0	0.0%	0.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	318			19	16	8	60	15	2	85	4	12	25	19	45	8

CODES FOR TYPE OF COMPANY  
(Refers to table on next page)

CODE	TYPE OF COMPANY
1	Aerospace, Electronics and Instruments
2	Automotive and Mechanical Equipment
3	Banking, Finance, and Insurance
4	Building Materials Manufacturers and Construction
5	Chemicals, Drugs and Allied Products
6	Electrical Machinery and Equipment
7	Food and Beverage Processing
8	Glass, Paper, Packaging, and Allied Products
9	Merchandising and Services
10	Metals and Metal Products
11	Petroleum and Allied Products (inc. Natural Gas)
12	Research and/or Consulting Organizations
13	Tire and Rubber
14	Utilities--Public (inc. Transportation)
15	Government--Federal
16	Government--Local and State
17	Non-Profit Organizations and Educational Institutions
18	Other



THE EMPLOYED GRADUATES OF 1973 ARE NOW EMPLOYED BY THE FOLLOWING TYPES OF COMPANIES

TYPE OF COMPANY	ENGRS. SALARY	PERCENT	AERO ENG.	AGRI ENG.	CERAM ENG.	CIVIL ENG.	COMP ENG.	COMP SCI.	E.E.	ENG. MECH.	ENG. PHYS.	G.E.	IND. ENG.	M.E.	MET. ENG.
1	67 \$ 3340	21.1%	9 \$ 3576	0 \$ 0	3 \$ 3270	0 \$ 0	5 \$ 3253	1 \$ 3683	1 \$ 3432	0 \$ 0	4 \$ 3233	2 \$ 2600	3 \$ 2526	6 \$ 3242	0 \$ 0
2	37 \$ 3130	11.6%	1 \$ 3400	8 \$ 3155	0 \$ 0	1 \$ 2360	0 \$ 0	0 \$ 0	3 \$ 3250	2 \$ 3363	1 \$ 2859	3 \$ 3200	3 \$ 2759	12 \$ 3104	3 \$ 3457
3	7 \$ 3766	2.2%	0 \$ 0	0 \$ 0	0 \$ 0	2 \$ 5500	3 \$ 2896	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	2 \$ 3337	0 \$ 0	0 \$ 0	0 \$ 0
4	17 \$ 3059	5.3%	0 \$ 0	0 \$ 0	0 \$ 0	13 \$ 3011	0 \$ 0	0 \$ 0	2 \$ 3530	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	2 \$ 2900	0 \$ 0
5	9 \$ 3378	2.8%	0 \$ 0	1 \$ 2600	0 \$ 0	2 \$ 3392	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 3333	0 \$ 0	5 \$ 3538	0 \$ 0
6	14 \$ 2995	4.4%	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	10 \$ 3055	0 \$ 0	0 \$ 0	1 \$ 3875	2 \$ 2750	1 \$ 2000	0 \$ 0
7	4 \$ 3660	1.3%	1 \$ 2300	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	2 \$ 4649	1 \$ 3041	0 \$ 0	0 \$ 0
8	1 \$ 2903	0.3%	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 2903	0 \$ 0	0 \$ 0
9	2 \$ 3767	0.6%	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 3000	1 \$ 4535	0 \$ 0	0 \$ 0
10	10 \$ 3106	3.1%	0 \$ 0	0 \$ 0	1 \$ 3000	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 2850	0 \$ 0	0 \$ 0	1 \$ 3325	2 \$ 3135	4 \$ 2953	1 \$ 3800
11	13 \$ 3912	4.1%	1 \$ 4600	0 \$ 0	0 \$ 0	0 \$ 0	1 \$ 2750	0 \$ 0	3 \$ 4141	1 \$ 3750	1 \$ 3500	1 \$ 3700	0 \$ 0	3 \$ 4416	2 \$ 3445
12	36 \$ 3129	11.3%	3 \$ 3378	0 \$ 0	1 \$ 2275	12 \$ 3002	1 \$ 3125	1 \$ 3338	7 \$ 3126	0 \$ 0	2 \$ 4262	5 \$ 2975	0 \$ 0	3 \$ 2901	1 \$ 3750
14	22 \$ 3084	6.9%	0 \$ 0	0 \$ 0	0 \$ 0	4 \$ 2722	0 \$ 0	0 \$ 0	13 \$ 3145	0 \$ 0	2 \$ 3125	1 \$ 3666	1 \$ 3300	1 \$ 2855	0 \$ 0
15	11 \$ 2757	3.5%	2 \$ 2666	0 \$ 0	1 \$ 3245	3 \$ 3146	0 \$ 0	0 \$ 0	3 \$ 2347	1 \$ 2519	1 \$ 2750	0 \$ 0	0 \$ 0	0 \$ 0	0 \$ 0
16	15 \$ 2809	4.7%	0 \$ 0	2 \$ 2848	0 \$ 0	11 \$ 2771	0 \$ 0	0 \$ 0	1 \$ 2595	0 \$ 0	0 \$ 0	1 \$ 3368	0 \$ 0	0 \$ 0	0 \$ 0
17	8 \$ 2496	2.5%	1 \$ 2660	1 \$ 2738	0 \$ 0	2 \$ 2800	1 \$ 1800	0 \$ 0	1 \$ 3666	0 \$ 0	1 \$ 1600	1 \$ 1907	0 \$ 0	0 \$ 0	0 \$ 0
18	45 \$ 3293	14.2%	1 \$ 3105	4 \$ 4336	2 \$ 3500	10 \$ 3627	4 \$ 3763	0 \$ 0	7 \$ 2878	0 \$ 0	0 \$ 0	3 \$ 2211	5 \$ 3228	8 \$ 2875	1 \$ 3500
TOTALS	318 \$ 3202	100.0%	19 \$ 3353	16 \$ 3351	8 \$ 3166	60 \$ 3133	15 \$ 3178	2 \$ 3510	85 \$ 3241	4 \$ 3248	12 \$ 3201	25 \$ 3138	19 \$ 3028	45 \$ 3151	8 \$ 3539





SIZE OF ORGANIZATIONS IN WHICH THE GRADUATES OF 1973 ARE NOW EMPLOYED

	TOTAL EMPLOYED	0-50 EMPLOYEES			51-150 EMPLOYEES			151-500 EMPLOYEES			501-5000 EMPLOYEES			5001-10,000 EMPLOYEES			OVER 10,000 EMPLOYEES		
		NO	PER	AV SAL	NO	PER	AV SAL	NO	PER	AV SAL	NO	PER	AV SAL	NO	PER	AV SAL	NO	PER	AV SAL
ALL ENGRS	318	41	12.9%	\$ 3312	12	3.8%	\$ 3000	25	7.9%	\$ 2906	64	20.1%	\$ 3112	25	7.9%	\$ 2813	150	47.2%	\$ 3352
AERO. E.	19	2	10.5%	\$ 3030	0	0.0%	\$ 0	0	0.0%	\$ 0	3	15.8%	\$ 3031	2	10.5%	\$ 2772	12	63.2%	\$ 3585
AG. E.	16	3	18.8%	\$ 4980	0	0.0%	\$ 0	2	12.5%	\$ 2500	3	18.8%	\$ 2876	1	6.3%	\$ 3000	7	43.8%	\$ 3150
CERAM. E.	8	1	12.5%	\$ 4000	1	12.5%	\$ 3000	0	0.0%	\$ 0	0	0.0%	\$ 0	3	37.5%	\$ 2676	3	37.5%	\$ 3433
CIVIL E.	60	17	28.3%	\$ 3201	6	10.0%	\$ 2742	12	20.0%	\$ 2963	12	20.0%	\$ 3143	2	3.3%	\$ 2747	11	18.3%	\$ 3487
COMP. ENG.	15	3	20.0%	\$ 3475	0	0.0%	\$ 0	0	0.0%	\$ 0	1	6.7%	\$ 2688	1	6.7%	\$ 1800	10	66.7%	\$ 3277
COMP. SCI.	2	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	2	100.0%	\$ 3510
ELEC. E.	85	6	7.1%	\$ 3167	4	4.7%	\$ 3623	6	7.1%	\$ 2940	19	22.4%	\$ 3049	6	7.1%	\$ 3068	44	51.8%	\$ 3365
E. MECH.	4	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	1	25.0%	\$ 3750	0	0.0%	\$ 0	3	75.0%	\$ 3081
E. PHYS.	12	2	16.7%	\$ 3637	0	0.0%	\$ 0	0	0.0%	\$ 0	4	33.3%	\$ 3187	0	0.0%	\$ 0	5	41.7%	\$ 3358
GEN. E.	25	2	8.0%	\$ 2719	0	0.0%	\$ 0	2	8.0%	\$ 3157	7	28.0%	\$ 3196	2	8.0%	\$ 3175	12	48.0%	\$ 3165
IND. E.	19	0	0.0%	\$ 0	1	5.3%	\$ 2058	1	5.3%	\$ 3500	3	15.8%	\$ 3134	3	15.8%	\$ 2623	11	57.9%	\$ 3156
MECH. E.	45	5	11.1%	\$ 2845	0	0.0%	\$ 0	2	4.4%	\$ 2330	11	24.4%	\$ 3165	4	8.9%	\$ 2524	23	51.1%	\$ 3392
MET. E.	8	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0	1	12.5%	\$ 3750	7	87.5%	\$ 3509

PRESENT FIELD OF PRIMARY RESPONSIBILITY FOR ENGINEERING GRADUATES OF 1973

NO. ENGRS

FIELD	NO. ENGRS	SALARY PERCENT	AERO	AG E	CERAM	CIVIL	COMPE	C.S.S.	EE	MECH	PHYS	G.E.	IND E	M.E.	MET
COMPANY OWNER	11	3.5%	1	2	0	3	1	0	3	0	0	0	1	0	0
	\$ 3911		\$ 3400	\$ 5998	\$ 0	\$ 2916	\$ 4300	\$ 0	\$ 3794	\$ 0	\$ 0	\$ 3200	\$ 0	\$ 0	\$ 0
COMPUTER SOFTWARE	18	5.7%	4	0	0	0	5	2	5	0	0	1	0	1	0
	\$ 3297		\$ 3756	\$ 0	\$ 0	\$ 0	\$ 2749	\$ 3510	\$ 3452	\$ 0	\$ 0	\$ 3000	\$ 0	\$ 3300	\$ 0
CONSTRUCTION	11	3.5%	0	0	0	8	0	0	3	0	0	0	0	0	0
	\$ 2993		\$ 0	\$ 0	\$ 0	\$ 2855	\$ 0	\$ 0	\$ 3361	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CONSULTING	15	4.8%	1	0	0	7	1	0	1	0	1	1	1	2	0
	\$ 3328		\$ 3315	\$ 0	\$ 0	\$ 3130	\$ 3125	\$ 0	\$ 3350	\$ 0	\$ 4775	\$ 3190	\$ 4535	\$ 2860	\$ 0
DESIGN &OR DEVELOPMNT	62	19.7%	2	5	2	6	3	0	25	1	3	3	2	10	0
	\$ 3091		\$ 3833	\$ 2765	\$ 2760	\$ 3015	\$ 3156	\$ 0	\$ 3121	\$ 3750	\$ 3309	\$ 2346	\$ 3655	\$ 3100	\$ 0
FIELD ENGR	10	3.2%	0	0	0	4	0	0	5	0	0	0	0	1	0
	\$ 2689		\$ 0	\$ 0	\$ 0	\$ 2273	\$ 0	\$ 0	\$ 2988	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2855	\$ 0
MANAGEMENT &/OR ADMIN	52	16.5%	2	2	1	12	1	0	14	0	0	6	7	7	0
	\$ 3436		\$ 4135	\$ 3273	\$ 3000	\$ 3158	\$ 3859	\$ 0	\$ 3341	\$ 0	\$ 0	\$ 3684	\$ 3094	\$ 4078	\$ 0
MANUFAC-TURING	12	3.8%	0	0	2	0	1	0	1	0	0	3	3	2	0
	\$ 2914		\$ 0	\$ 0	\$ 2755	\$ 0	\$ 3625	\$ 0	\$ 3000	\$ 0	\$ 0	\$ 2916	\$ 2429	\$ 3402	\$ 0
PRODUCTION	4	1.3%	0	0	1	0	0	0	1	0	1	0	0	1	0
	\$ 3193		\$ 0	\$ 0	\$ 3300	\$ 0	\$ 0	\$ 0	\$ 3500	\$ 0	\$ 3250	\$ 0	\$ 0	\$ 2725	\$ 0
PROJECT ENGR	38	12.1%	3	5	0	7	2	0	4	0	1	3	2	10	1
	\$ 3018		\$ 2763	\$ 3003	\$ 0	\$ 2834	\$ 3404	\$ 0	\$ 3269	\$ 0	\$ 3115	\$ 3490	\$ 2677	\$ 2940	\$ 3333
QUALITY CONTROL	8	2.5%	0	0	0	1	0	0	1	0	0	1	1	0	4
	\$ 3348		\$ 0	\$ 0	\$ 0	\$ 4200	\$ 0	\$ 0	\$ 2783	\$ 0	\$ 0	\$ 2666	\$ 2800	\$ 0	\$ 3585
RESEARCH	24	7.6%	3	1	1	1	1	0	5	2	2	1	0	4	3
	\$ 3223		\$ 3237	\$ 2738	\$ 4000	\$ 3600	\$ 2750	\$ 0	\$ 3443	\$ 2872	\$ 3000	\$ 1907	\$ 0	\$ 3266	\$ 3546
SALES	16	5.1%	0	0	0	1	0	0	5	0	1	3	3	3	0
	\$ 3494		\$ 0	\$ 0	\$ 0	\$ 7000	\$ 0	\$ 0	\$ 3760	\$ 0	\$ 2500	\$ 3736	\$ 2866	\$ 2600	\$ 0
SERVICE	1	0.3%	0	0	0	0	0	0	0	0	0	0	0	1	0
	\$ 3000		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3000	\$ 0
SYSTEMS ENGR	4	1.3%	1	0	0	0	0	0	2	0	1	0	0	0	0
	\$ 3168		\$ 2660	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3132	\$ 0	\$ 3750	\$ 0	\$ 0	\$ 0	\$ 0
TEACHING	2	0.6%	0	0	0	1	0	0	0	0	1	0	0	0	0
	\$ 2300		\$ 0	\$ 0	\$ 0	\$ 3000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1600	\$ 0	\$ 0	\$ 0	\$ 0
TESTING	9	2.9%	1	1	0	1	0	0	5	0	0	0	0	1	0
	\$ 2928		\$ 3079	\$ 3500	\$ 0	\$ 2800	\$ 0	\$ 0	\$ 2845	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2750	\$ 0
OTHER	18	5.7%	1	0	1	8	0	0	4	1	1	1	0	1	0
	\$ 3108		\$ 2300	\$ 0	\$ 4000	\$ 3622	\$ 0	\$ 0	\$ 2404	\$ 3500	\$ 3500	\$ 1667	\$ 0	\$ 2400	\$ 0
TOTAL	315	100.0%	19	16	8	60	15	2	84	4	12	24	19	44	8
	\$ 3198		\$ 3353	\$ 3351	\$ 3166	\$ 3133	\$ 3178	\$ 3510	\$ 3218	\$ 3248	\$ 3201	\$ 3133	\$ 3028	\$ 3167	\$ 3539



PRESENT LEVEL OF RESPONSIBILITY FOR ENGINEERING GRADUATES OF 1973

	TOTAL EMPLOYED	INDIVIDUAL	SUPERVISE SMALL GROUP	DEPARTMENT MANAGER	PLANT MANAGER OR SPRVSR	BRANCH MANAGER	TOP EXECUTIVE	PRIVATE PRACTICE	OTHER
ALL ENGINEERS	318	96 30.2% \$ 3102	123 38.7% \$ 3001	50 15.7% \$ 3566	4 1.3% \$ 3196	9 2.8% \$ 3679	10 3.1% \$ 4282	4 1.3% \$ 4279	13 4.1% \$ 2856
AERO. E.	19	4 21.1% \$ 3007	8 42.1% \$ 3030	3 15.8% \$ 5138	0 0.0% \$ 0	0 0.0% \$ 0	1 5.3% \$ 3400	1 5.3% \$ 3670	2 10.5% \$ 2483
AG. E.	16	3 18.8% \$ 3441	9 56.3% \$ 2862	2 12.5% \$ 2773	0 0.0% \$ 0	1 6.3% \$ 2000	1 6.3% \$ 9996	0 0.0% \$ 0	0 0.0% \$ 0
CERAM. E.	8	2 25.0% \$ 2905	3 37.5% \$ 3173	2 25.0% \$ 3000	0 0.0% \$ 0	1 12.5% \$ 4000	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0
CIVIL E.	60	24 40.0% \$ 2957	11 18.3% \$ 3156	11 18.3% \$ 3129	3 5.0% \$ 3062	3 5.0% \$ 4733	4 6.7% \$ 3437	1 1.7% \$ 3337	3 5.0% \$ 2473
CCMP. ENG.	15	3 20.0% \$ 3302	7 46.7% \$ 2749	2 13.3% \$ 3742	0 0.0% \$ 0	0 0.0% \$ 0	1 6.7% \$ 4300	0 0.0% \$ 0	1 6.7% \$ 3620
COMP. SCI.	2	0 0.0% \$ 0	1 50.0% \$ 3338	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0
ELEC. E.	85	27 31.8% \$ 3114	38 44.7% \$ 3068	11 12.9% \$ 3490	0 0.0% \$ 0	0 0.0% \$ 0	3 3.5% \$ 3794	2 2.4% \$ 5055	0 0.0% \$ 0
E. MECH.	4	0 0.0% \$ 0	4 100.0% \$ 3248	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0
E. PHYS.	12	6 50.0% \$ 3658	4 33.3% \$ 2937	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	1 8.3% \$ 1600
GEN. E.	25	5 20.0% \$ 2814	10 40.0% \$ 2988	6 24.0% \$ 3526	0 0.0% \$ 0	1 4.0% \$ 3190	0 0.0% \$ 0	0 0.0% \$ 0	2 8.0% \$ 3450
IND. E.	19	3 15.8% \$ 2833	8 42.1% \$ 2556	7 36.8% \$ 3571	1 5.3% \$ 3600	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0
MECH. E.	45	15 33.3% \$ 3004	17 37.8% \$ 2994	6 13.3% \$ 4154	0 0.0% \$ 0	2 4.4% \$ 3300	0 0.0% \$ 0	0 0.0% \$ 0	3 6.7% \$ 3041
MET. E.	8	4 50.0% \$ 3768	3 37.5% \$ 3246	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	0 0.0% \$ 0	1 12.5% \$ 3500

NUMBER OF ENGINEERS AND SCIENTISTS WORKING IN THE ORGANIZATIONAL UNIT  
IN WHICH THE 1973 GRADUATES DO THEIR MAJOR WORK

	TOTAL	NONE	1-3	4-10	11-20	21-50	51-100	101-300	OVER 300
ALL ENGINEERS	318	22 6.9%	48 15.1%	94 29.6%	57 17.9%	40 12.6%	31 9.7%	8 2.5%	15 4.7%
AERO. E.	19	2 10.5%	2 10.5%	6 31.6%	1 5.3%	2 10.5%	3 15.8%	1 5.3%	2 10.5%
AG. E.	16	1 6.3%	3 18.8%	4 25.0%	2 12.5%	3 18.8%	2 12.5%	0 0.0%	1 6.3%
CERAM. E.	8	1 12.5%	1 12.5%	3 37.5%	2 25.0%	1 12.5%	0 0.0%	0 0.0%	0 0.0%
CIVIL E.	60	9 15.0%	11 18.3%	19 31.7%	10 16.7%	5 8.3%	4 6.7%	0 0.0%	2 3.3%
COMP. ENG.	15	3 20.0%	1 6.7%	3 20.0%	4 26.7%	2 13.3%	0 0.0%	1 6.7%	1 6.7%
COMP. SCI.	2	0 0.0%	1 50.0%	0 0.0%	0 0.0%	1 50.0%	0 0.0%	0 0.0%	0 0.0%
ELEC. E.	85	0 0.0%	13 15.3%	27 31.8%	16 18.8%	8 9.4%	14 16.5%	4 4.7%	2 2.4%
E. MECH.	4	0 0.0%	0 0.0%	1 25.0%	2 50.0%	1 25.0%	0 0.0%	0 0.0%	0 0.0%
E. PHYS.	12	0 0.0%	0 0.0%	4 33.3%	2 16.7%	3 25.0%	1 8.3%	1 8.3%	1 8.3%
GEN. E.	25	1 4.0%	4 16.0%	5 20.0%	5 20.0%	3 12.0%	1 4.0%	1 4.0%	4 16.0%
IND. E.	19	3 15.8%	6 31.6%	4 21.1%	2 10.5%	1 5.3%	3 15.8%	0 0.0%	0 0.0%
MECH. E.	45	2 4.4%	5 11.1%	14 31.1%	9 20.0%	9 20.0%	3 6.7%	0 0.0%	2 4.4%
MET. E.	8	0 0.0%	1 12.5%	4 50.0%	2 25.0%	1 12.5%	0 0.0%	0 0.0%	0 0.0%



MILITARY SERVICE AFTER GRADUATION AND ITS EFFECT ON THE SALARIES OF 1973 GRADUATES

	TOTAL EMPLOYED	NO MILITARY SERVICE		6 MONTHS OR LESS		1 YEAR		2 OR MORE YEARS					
		NO	PERCENT	NO	PERCENT	NO	PERCENT	NO	PERCENT				
ALL ENGINEERS	318	308	96.9%	\$ 3213	1	0.3%	\$ 3315	0	0.0%	\$ 0	9	2.8%	\$ 2824
AERO. E.	19	17	89.5%	\$ 3372	1	5.3%	\$ 3315	0	0.0%	\$ 0	1	5.3%	\$ 3079
AG. E.	16	15	93.8%	\$ 3333	0	0.0%	\$ 0	0	0.0%	\$ 0	1	6.3%	\$ 3624
CERAM. E.	8	8	100.0%	\$ 3166	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
CIVIL E.	60	58	96.7%	\$ 3152	0	0.0%	\$ 0	0	0.0%	\$ 0	2	3.3%	\$ 2570
COMP. ENG.	15	15	100.0%	\$ 3178	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
COMP. SCI.	2	2	100.0%	\$ 3510	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
ELEC. E.	85	84	98.8%	\$ 3253	0	0.0%	\$ 0	0	0.0%	\$ 0	1	1.2%	\$ 2300
E. MECH.	4	4	100.0%	\$ 3248	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
E. PHYS.	12	12	100.0%	\$ 3201	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
GEN. E.	25	25	100.0%	\$ 3138	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0
IND. E.	19	18	94.7%	\$ 3052	0	0.0%	\$ 0	0	0.0%	\$ 0	1	5.3%	\$ 2600
MECH. E.	45	42	93.3%	\$ 3170	0	0.0%	\$ 0	0	0.0%	\$ 0	3	6.7%	\$ 2891
MET. E.	8	8	100.0%	\$ 3539	0	0.0%	\$ 0	0	0.0%	\$ 0	0	0.0%	\$ 0

CLASS OF 1973 - INFLUENCE OF UNDERGRADUATE DEGREE ON PRESENT POSITION

QUESTION: TO HOLD YOUR PRESENT POSITION IS IT IMPORTANT FOR YOU TO HAVE AN ENGINEERING DEGREE?

YES	268	84.0%
NO	47	14.7%
NO REPLY	3	0.9%
TOTAL	318	

QUESTION: HOW MUCH KNOWLEDGE AND SKILL RELATED TO YOUR UNDERGRADUATE DEGREE DO YOU APPLY IN YOUR PRESENT POSITION?

MOST OR ALL	101	31.7%
SOME	153	48.0%
VERY LITTLE	54	16.9%
NONE	7	2.2%
NO REPLY	3	0.9%
TOTAL	318	

QUESTION: ON THE AVERAGE HOW MANY HOURS DO YOU SPEND ON YOUR JOB EACH WEEK?

LESS THAN 30 HOURS	1	0.3%
30-35 HOURS	4	1.3%
36-39 HOURS	12	3.8%
40 HOURS	73	22.9%
41-44 HOURS	96	30.1%
45-50 HOURS	95	29.8%
51 OR MORE HOURS	34	10.7%
NO REPLY	3	0.9%
TOTAL	318	

QUESTION: IF YOU HAVE NOT RECEIVED AN ADVANCED DEGREE AND ARE NOT WORKING TOWARD ONE, DO YOU FEEL THAT THIS HAS BEEN A LIMITING FACTOR IN YOUR PROGRESS WITH YOUR COMPANY AND IN YOUR WORK?

YES	11	3.4%
NO	143	44.8%
NO REPLY	164	51.4%
TOTAL	318	



CLASS OF 1973 - QUESTION CONCERNING UNDERGRADUATE CURRICULUM

QUESTION: IF YOU HAD IT TO DO ALL OVER AGAIN, WOULD YOU CHOOSE:

251	78.7%	A SPECIALIZED UNDERGRADUATE ENGINEERING CURRICULUM (E.G. ME,EE,ETC.)
24	7.5%	A COMMON UNDERGRADUATE ENGINEERING CURRICULUM (NO SPECIALIZATION)
5	1.6%	ANOTHER TYPE OF CURRICULUM IN MATHEMATICS OR PHYSICAL SCIENCE (E.G. PHYS,CHEM)
12	3.8%	ANOTHER TYPE OF UNDERGRADUATE PROFESSIONAL CURRICULUM (E.G. PRE-LAW, MEDICINE)
1	0.3%	A LIBERAL ARTS CURRICULUM
7	2.2%	A BUSINESS ADMINISTRATION CURRICULUM
3	0.9%	OTHER
15	4.7%	NO REPLY
318		TOTAL

QUESTIONS CONCERNING RECOMMENDATION

QUESTION: BASED ON THE ENGINEERING FIELD AS YOU SEE IT, WOULD YOU ENCOURAGE A CAPABLE HIGH SCHOOL STUDENT TO CHOOSE ENGINEERING AS A CAREER?

YES	307	96.2%
NO	7	2.2%
YES AND NO	0	0.0%
NO REPLY	4	1.3%
TOTAL	318	

QUESTION: HAS YOUR WORK IN THE FIELD OF ENGINEERING BEEN PERSONALLY SATISFYING?

YES	288	90.3%
NO	14	4.4%
YES AND NO	0	0.0%
NO REPLY	17	5.0%
TOTAL	319	

QUESTION: DID YOU GRADUATE FROM THE COOPERATIVE EDUCATION PROGRAM?

YES	16	5.0%
NO	301	94.4%
NO REPLY	2	0.3%
TOTAL	319	

CLASS OF 1973 - QUESTIONS CONCERNING PROFESSIONAL DEVELOPMENT

QUESTION: HAVE YOU BECCME REGISTERED AS:

1. PROFESSIONAL ENGINEER	98	30.7%
2. ENGINEER-IN-TRAINING	2	0.6%
3. STRUCTURAL ENGINEER	52	16.3%
4. SURVEYOR	2	0.6%
5. OTHER	7	2.2%
6. NONE OF THE ABOVE	166	52.0%

QUESTION: HAVE YOU PARTICIPATED IN ANY COMPANY PROFESSIONAL OR MANAGEMENT PROGRAMS?

YES	217	68.0%
NO	90	28.2%
NO REPLY	11	3.4%
TOTAL	318	

QUESTION: HAVE YOU HELD AN OFFICE IN ANY OF THE FOLLOWING ORGANIZATIONS?

1. PROFESSIONAL ORGANIZATION	36	11.3%
2. SCHOOL BOARD	2	0.6%
3. CHURCH	62	19.4%
4. SERVICE CLUBS	27	8.5%
5. BOY SCOUTS OR OTHER YOUTH GROUPS	17	5.3%
6. POLITICAL	4	1.3%
7. OTHER	42	13.2%
8. NONE OF THE ABOVE	175	54.9%



RANGE OF PRESENT SALARIES OF 1973 ENGINEERING GRADUATES

The monthly salaries are listed according to highest degree held in 1983.

<u>B.S. DEGREE</u>				<u>M.S. DEGREE</u>		<u>M.B.A. DEGREE</u>	
Range	No. in Range	Range	No. in Range	Range	No. in Range	Range	No. in Range
9975-9999	1	2425-2449	1			6200-6224	1
7000-7024	1	2400-2424	2			4600-4624	1
5300-5324	1	2375-2399	1	7500-7524	1	4000-4024	1
5250-5274	2	2350-2374	2	5400-5424	1	3875-3899	1
5000-5024	1	2325-2349	2	3750-3774	1	3800-3824	1
4975-4999	1	2300-2324	1	3500-3524	3	3700-3724	2
4800-4824	1	2250-2274	3	3250-3274	1	3600-3624	1
4550-4574	1	2225-2249	3	3175-3199	1	3500-3524	3
4525-4549	1	2100-2124	1	3000-3024	3	3325-3349	2
4475-4499	1	2050-2074	1	2650-2674	1	3300-3324	1
4400-4424	1	2000-2024	4	2625-2649	1	3200-3224	2
4430-4324	1	1650-1674	1	2600-2624	1	3150-3174	1
4200-4224	2			2250-2274	1	3025-3049	1
4175-4199	1			2150-2174	1	3000-3024	3
4125-4149	1	<u>M.S. DEGREE</u>		2100-2124	1	3000-3024	3
4000-4024	2	Original Field		1800-1824	1	2900-2924	1
3925-3949	1					2850-2874	1
3900-3924	1	Range	No. in Range	<u>M.S. DEGREE</u>		2725-2749	2
3875-3899	2	4575-4599	1	Non-Technical Field		2700-2724	2
3800-3824	1	3900-3924	1			2650-2674	1
3675-3699	1	3850-3874	1	Range	No. in Range	2500-2524	1
3650-3674	3	3675-3699	1	3600-3624	1	2400-2424	1
3625-3649	3	3600-3624	3	2300-2324	1	2375-2399	1
3600-3624	3	3575-3599	3			2300-2324	1
3525-3549	1	3500-3524	3	<u>Ph.D. DEGREE</u>		2000-2024	1
3500-3524	9	3475-3499	2	Original Field			
3475-3499	1	3450-3474	1			<u>LAW DEGREE</u>	
3450-3474	1	3425-3449	1	Range	No. in Range	Range	No. in Range
3400-3424	2	3325-3349	3	4450-4474	1	5000-5024	1
3350-3374	3	3300-3324	3	4000-4024	2	4000-4024	1
3325-3349	4	3225-3249	2	3950-3974	1		
3300-3324	7	3200-3224	2	3900-3924	1		
3275-3299	2	3150-3174	1	3800-3824	1		
3250-3274	5	3100-3124	4	3750-3774	2		
3200-3224	3	3075-3099	1	3700-3724	1		
3175-3199	2	3050-3074	2	3325-3349	1		
3150-3174	3	3000-3024	4	3275-3299	1		
3125-3149	3	2950-2974	1	3250-3274	1		
3100-3124	7	2925-2949	1	3200-3224	1		
3075-3099	4	2900-2924	3	3175-3199	1		
3050-3074	1	2825-2849	1	2750-2774	1		
3025-3049	2	2775-2799	1	2725-2749	1		
3000-3024	11	2750-2774	2				
2975-2999	1	2700-2724	2	<u>Ph.D. DEGREE</u>			
2925-2949	2	2650-2674	1	Other Technical Field			
2900-2924	4	2600-2624	1				
2850-2874	5	2575-2599	1	Range	No. in Range		
2800-2824	3	2550-2574	2	4775-4799	1		
2750-2774	7	2525-2549	2	4050-4074	1		
2725-2749	2	2425-2449	1	3000-3024	2		
2700-2724	7	2275-2299	1	1900-1924	1		
2675-2699	3	2050-2074	1	1600-1624	1		
2650-2674	6	2000-2024	1				
2625-2649	1						
2600-2624	2						
2575-2599	1						
2500-2524	6						
2475-2499	1						
2450-2474	2						

CURRENT EMPLOYERS OF THE 1973 GRADUATES

AMF Paragon Electric Co.	1 EE
Advanced Micro Devices	1 EE
Aerojet Liquid Rocket	1 AAE
State of Alaska Dept. of Transportation and Public Facilities, Aviation Construction	1 CE
Alcoa	1 ME
Allendale Insurance Co.	1 GE
Altec Industries	1 AgE
Alternatives in Financial Planning	1 CE
Amax Coal	1 CE
American Bell	1 EE, 1 CE
American Electric Power Service Corp.	1 EE
American Hospital Supply	1 GE
American Standard/Wabco	1 GE
Amoco	1 ME, 1 GE
Anderson Electric, In.c	1 EE
Anheuser Busch	1 GE
Atlantic Richfield	1 ME
BRK Electronics	1 EE
Babcock & Wilcox	1 ME
Baker Perkins	1 ME
Battelle Columbus Labs	1 ME, 1MetE
Bechtel Corp.	1 CE
Bell and Gossett	1 ME
Bell Labs	1 CS
Bendix Corp.	1 GE
Boeing	2 EE, 3 AAE
Bollinger, Lach & Associates, Inc.	1 CE
Borg Warner	1 AgE
Bristol Myers	1 ME
Village of Buffalo Grove	1 GE
CH <sub>2</sub> M Hill	1 CE, 2 GE
California Microdevices	1 EE
Capital Companies, Inc.	1 CE
Cardox Corp.	1 AgE
Caterpillar Tractor Company	3 EE, 5 ME, 2 EMech, 1 CompE, 2 AgE, 4 MetE, 2 GE
Central Illinois Public Service Co.	1 CE
Ceradyne, Inc.	1 CerE
Chemical Bank	1 CE
Cherry Electrical Products Corp.	1 ME
Chicago Public Works	1 CE
Chicago Transit Authority	1 EE
Commonwealth Edison	5 EE, 1 ME, 1 CE
Conlon & Kerstein	1 CerE
Consumers Power	1 EE
Control Junctions	1 EPhys
Cook County	1 CE
Crain Hall Cooksey, Ltd.	1 CE
Crocker Bank	1 CompE
Crouse Hinds	1 EE

CURRENT EMPLOYERS OF THE 1973 GRADUATES

DMI, Inc.	1 AgE
Dana Corp.	1 AgE
Dataair Systems	1 Compe
Deere & Company	1 CS, 2 AgE, 1 ME, 1 EE, 1 MetE
Deloitte, Haskins & Sells	1 ME
Walter E. Deuclear Associates	1 GE
Dewitt County	1 CE
Dominicks Foods	1 AAE
R. R. Donnelley	1 IE
Dow Chemical	1 ME
DuPage County Highway	1 CE
E. I. DuPont	1 GE
Eastman Kodak	1 Compe
Eaton Corp.	1 ME
A. G. Edwards	1 EE
Emerson Electric	1 EE
Envirodyne Engineers Inc.	1 CE
Extel Corp.	1 EE
Exxon	1 AAE
Fairchild Camera	1 EPhys
Farming	4 AgE
Felmley Dickerson Co.	1 CE
Fischbach Moore	1 EE
Ford Motor Company	2 ME
Freeman United Coal Mining Co.	a GE
GKN Keller Inc.	1 CE
General Dynamics	1 EE
General Electric	1 IE, 1 GE, 3 EE
General Motors	2 IE, 1 AAE, 1 EE
Golden Gate Bridge Highway & Trans. Dist.	1 CE
Greenman Woodard	1 EE
Haines & Goldasich, Inc.	1 Compe
Hanson Engineers	1 CE
Harford Community College	1 CE
Harvard Med	1 EPhys
Hewlett Packard	5 EE, 1 ME, 1 Compe
Honeywell	2 EE
Howell & Associates	1 ME
IBM	2 EE, 1 Compe, 1 CerE
ITT Telecom	1 EE
Illinois Dept. of Conservation	1 CE
Illinois Power Company	1 EE, 1 EPhys
Illinois Tool Works	1 IE
Indiana Bell	1 CE
Indiana State Highway Commission	1 CE
Ingalls Shipbuilding	1 ME
Inland Steel	1 EE, 1 GE
Intel Corp.	1 EE
E. H. International	1 EE
International Harvester	1 IE, 1 AgE
Iowa Dept. of Environmental Quality	1 AgE
Iowa Electric Light & Power	1 EPhys
Jordan Associates	1 CE
Kappel's Computer Store	1 EE



CURRENT EMPLOYERS OF THE 1973 GRADUATES

Lake County Highway Department	1 EE
Leewards	1 GE
Eli Lilly	1 CE, 1 ME
Lily Tulip Co.	1 IE
Litchfield Bituminous Corp.	1 CE
Lockheed	1 EE
Longmont City	1 EE
Los Alamos National Lab	1 CerE
W. M. Lyles Company	1 CE
MFIA	1 ME
Magneco Metrel	1 CerE
Manville Building Materials	1 ME
Brad A. Marion, MD, Inc.	1 CE
John Mathes & Associates, Inc.	1 CE
McDonnell Douglas	3 AAE, 1 EE
McGraw Edison	1 EE
McNamara Engr.	1 CE
Michelin Licensing Corp.	1 GE
Michigan Wisconsin Pipeline Co.	1 GE
Mitre Corp.	1 EE
Monsanto	1 CE
Montgomery Eng.	1 CE
J. E. M. Morris Construction Co.	1 CE
Motorola	3 EE, 1 CompE, 1 EPhys, 1 CerE
Don H. Munger	1 EE
Wm. J. Murray & Assoc., Inc.	1 CE
Muskegan County Wastewater	1 AgE
NCR Corp.	1 CompE, 1 CS
National Metalwards, Inc.	1 IE
New Technology, Inc.	1 GE
Newman Leasing	1 AAE
Northern Il. Gas	1 IE
Northern Indiana Public Service Co.	1 EE
North American Life Insurance Co.	1 CompE
Northern Energy Corp.	1 AAE
Northern Telecom, Inc.	1 IE
Northrop Corp.	1 IE
Oklahoma State University	1 AgE
Orion Air Inc.	1 EE
Outboard Motor Corp.	1 ME
Owens Corning	2 CE
Peoples Gas, Light & Coke	1 EE
Pitney Bowes	1 EE
Procon	1 ME
Procter & Gamble	1 IE, 1 GE
Public Broadcasting Service	1 EE
Public Service of Indiana	1 EE
City of Quincy	1 CE

CURRENT EMPLOYERS OF THE 1973 GRADUATES

RCA Service Co.	1 ME
Ramtec Inc.	1 CerE
Republic Steel	1 IE
Reynolds Electrical & Engr. Co.	1 CE
E. L. Robinson Construction Co.	1 CE
City of Rock Island	1 CE
Rockford Blacktop Construction Co.	1 CE
Rockwell Int'l.	1 EE, 1 ME, 1 IE
Rollins Inc.	1 IE
Rupert Neve	1 EE
The Rust Co.	1 CE
S&C Electric	1 GE
Saint Louis Water Company	1 CE
Sargent & Lundy	2 EE, 1 AAE, 1 EPhys, 1 CE
Science Applications Inc.	1 EPhys
Seton Johnson & Odell, Inc.	1 EE
Shell	1 Met, 1 EMech, 1 EE
Siemens Allis	1 IE
Signetics	1 EE
Skaggs Farms	1 CE
Sol-Com Inc.	1 ME
Source III Inc.	1 GE
South Western Labs	1 CE
Sperry	2 ME, 2 CompE
Standard Oil	1 CompE
Stanley Consultants	1 EE
Stearns Roger	1 ME
Subject, Wills & Co.	1 CompE
Sundstrand	2 ME
Swanson Contracting Co.	1 CE
Syracuse University	1 AAE
System Development Corp.	1 AAE
3M	2 IE
TRW	1 EE, 2 EPhys
Tektronix Inc.	1 EE
Tenneco Oil Co.	1 EPhys
Texas Instruments	3 EE, 1 CE, 1 ME, 1 CompE
Thompson-Hopps Pumps & Engr.	1 ME
Tosco Inc.	1 ME
Transco Energy	1 EE
Trident Construction	1 CE
City of Tuscon, Dept. of Trans.	1 CE
UOP	1 MetE
Union Carbide	1 ME, 1 GE, 1 CerE
Union Oil	1 AAE
U.S. Steel	1 CerE
United Technologies	2 AAE
University of Central Florida	1 CE
University of California	1 EPhys
University of Wisconsin	1 CompE, 1 GE
Upchurch, Davidson & Associates	1 CE

CURRENT EMPLOYERS OF THE 1973 GRADUATES

U.S. Air Force	2 EE, 3 AAE, 1 CS
U.S. Army	1 ME, 1 CE, 1 EMech
U.S. Coast Guard	2 CE
U.S. Department of Agriculture	1 EE
U.S. Environmental Protection Agency	1 CE
U.S. Federal Communication Commission	1 EE
U.S. Nat'l. Aeronautics & Space Admin.	2 AAE
U.S. Navy	2 EPhys, 1 CompE, 1 GE
U.S. Veteraa's Administration	1 EE
Walker Process Corp.	1 CE, 1 ME
Warner Electric	1 EE
Washington University	1 CE
Wausau Insurance Co.	1 GE
Webster Hoff Corp.	1 ME
Weed Instrument Co.	1 IE
Welex	1 EE
Western Laser	1 ME
Westinghouse	1 EE
W. A. Whitney	1 ME
Wiltron	1 EE
Wisconsin Power & Light	1 EE
Wiss Janney	1 CE
W. J. Wooley Co.	1 CE
Zenith Radio	3 EE





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