

to start putting more emphasis on, is preventive medicine rather than curative steps.

Is the thrust of our program toward this?

Dr. STEWART. Yes, it is, Mr. Rogers. I am puzzled a little by your question. Do you mean our grant program when you say contract program?

Mr. ROGERS. Yes. Perhaps I misused the term. I thought of a contract with a university to carry out research in a grant program.

Dr. STEWART. In the grant program, the \$20 million I gave you for 1968 and the \$18 million for 1967 are for the research and research training grants in the vision area. That is only for the National Institute of Neurological Diseases and Blindness.

About 26 percent of the eye research that is supported by NIH is supported by other institutes. About 55 or 60 percent is in the National Institute of Neurological Diseases and Blindness.

Mr. ROGERS. How much of the \$20 million would be going to grants?

Dr. STEWART. That is the total amount.

Mr. ROGERS. None of that is in-house.

Dr. STEWART. No, that figure includes the in-house research.

Mr. ROGERS. How much of the \$20 million is in-house and how much is grants? Give us an approximate breakdown.

Dr. STEWART. The \$20 million is the total obligation for vision. This includes in-house and grants.

Mr. ROGERS. Can you give us an approximate breakdown of that?

Dr. STEWART. Taking the \$20 million total estimate for 1968, it is \$14 million for grants in the research area; \$2.4 million intramural; \$3 million for the graduate training; half a million dollars for traineeships; and \$700,000 for the fellowships.

Mr. ROGERS. Could you supply for the record just a list of those grants. I think that would be helpful to us, who gets them, the number of personnel involved. I think it would be helpful also to give us a rundown on your program say for the last 5 years, just for the record. It can be concise. It would be of the same thrust, as to the amount of programing into grants and what has been accomplished.

(The information requested follows:)

TABLE I.—NINDB OBLIGATIONS FOR VISION, 1951-68

Fiscal year	Extramural		Intramural		Graduate Training		Traineeships		Research Fellows		Total amount
	Number of grants	Amount	Number of grants	Amount	Number of grants	Amount	Number of trainees	Amount	Number of fellows	Amount	
1951.....	9	\$81,026	0	0	0	0	0	0	0	0	\$81,026
1952.....	30	255,354	0	0	0	0	0	0	2	\$8,093	263,447
1953.....	32	267,840	0	0	0	0	0	0	2	8,150	275,990
1954.....	72	532,761	0	0	5	\$118,559	2	\$7,200	4	16,685	675,205
1955.....	84	823,407	16	\$444,000	13	244,603	13	43,635	5	19,838	1,575,483
1956.....	96	1,002,831	22	575,400	22	436,536	23	89,723	3	10,939	2,115,429
1957.....	137	1,575,072	30	690,689	31	822,481	16	89,487	7	32,654	3,210,383
1958.....	146	1,769,949	24	1,067,673	39	895,879	22	165,390	9	41,093	3,939,984
1959.....	200	2,854,890	30	1,018,676	38	1,052,469	17	136,670	3	16,750	5,079,455
1960.....	236	4,015,000	32	872,380	41	1,953,474	30	248,424	5	30,315	7,119,593
1961.....	267	5,238,417	40	1,151,700	37	1,617,694	47	397,797	14	83,000	8,488,608
1962.....	288	6,229,571	43	1,445,994	34	1,709,000	47	420,186	13	120,003	9,924,754
1963.....	313	7,243,817	38	1,374,514	36	1,885,991	43	382,991	9	63,212	10,950,525
1964.....	315	8,337,633	48	1,745,000	37	2,189,755	39	363,445	15	185,034	12,820,867
1965.....	333	8,803,000	54	1,968,000	48	2,760,000	43	418,000	26	393,000	14,342,000
1966.....	317	10,637,000	53	1,817,000	52	3,072,000	36	362,000	40	561,000	16,449,000
1967.....	379	11,900,000	69	2,047,000	52	3,075,000	51	520,000	48	666,000	18,208,000
1968.....	425	14,039,000	70	2,375,000	49	3,105,000	50	520,000	49	689,000	20,728,000