



\*E000580\*

DRMP CONTRACTS

	<u>FY 1968</u>	<u>FY 1969</u>	<u>Increase</u>
<u>and distribution:</u>			
Continuing Education - Training.....	\$1,275,000	\$1,325,000	\$50,000
Continuing Education - Research.....	200,000	200,000	...
Operations Research.....	800,000	850,000	50,000
Development of Standards.....	100,000	100,000	...
Planning and Evaluation.....	...	70,000	70,000
Total.....	<u>2,375,000</u>	<u>2,545,000</u>	<u>170,000</u>
Amount obligated as of <sup>2/19/68</sup> <del>1/31/68</del> .....	<del>886,383</del> 1,157,000	<del>712,067</del>	
	4-19-68		

Accomplishments for FY 1968:

A. Continuing Education--

1. Short-term trainees - Sixty-two individuals have completed a one-week course in the "Evaluation of Physician Learning" (University of Illinois). Twelve individuals have completed a six-week course in educational science for medicine.

2. One-year fellows - Eight post-doctoral fellows began their fellowship year in September 1967 and will complete their year in 1968.

3. Seven pre-doctoral fellows began their fellowship year in September 1967. Five of these are writing their Ph.D. dissertations and several of them are expected to move into RMP positions in 1968. The remaining two are expected to continue working toward their Ph.D. with a specialty in educational evaluation in health care settings.

B. Development of Standards - A panel of experts has been assembled to develop guidelines for judging the quality of medical facilities equipped and staffed to provide care in the field of cancer. (American College of Surgeons)

C. Operations Research--

1. An operational model has been developed of the incidence and recurrence of coronary heart disease, in a form that will facilitate the computation of estimates of the number of requests, day by day and hour by hour, that physicians can be expected to make to admit patients to coronary care units.

2. A linear programming model has been developed of the optimal allocation of the effort of medical personnel between patient care, on the one hand, and on the other hand, the educating of medical personnel so as to increase the future supply of medical personnel of specified capability, the objective being to minimize the discounted future lack of patient care provided.

3. Work is currently in progress on an operational model of a coronary care unit.

4. A model has been developed of rheumatic heart disease, in a form that relates the possible successful developmental stages of the disease, supported by a statistical representation of the potential morbidity in the population, to the various diagnostic and therapeutic alternatives, with limited resources, that may be employed regionally in the attempt to control the disease in the population.

5. A series of lectures was given at NIH in the winter and spring, to the staff of the Division, on quantitative methods of representing, analyzing, and evaluating elements of the medical care system, including specifically certain regional types of activities.

The above work is being performed by the University of Michigan.

Accomplishments expected in FY 1969:

- A. Operations Research - To develop new knowledge about systems of medical care and new insights into the relationships between the components of those systems, particularly on a regional basis.
- B. Development of Standards - To develop standards of excellence by which judgments can be made in preparing lists of facilities equipped and staffed to provide the most advanced methods and techniques in the diagnosis and treatment of heart disease, cancer, or stroke, as required by Section 907, P.L. 89-239.
- C. Planning and Evaluation - To identify and investigate issues related to future program developments which require analysis and discussion, and to formulate measures of performance by which regional operations may be measured.

Division of Regional Medical Programs

5-Year Plan -- Contracts  
(In thousands)

<u>PPBS Activity</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>
<u>Continuing Education</u>						
11 Programmed Research.....	\$200	\$200	\$200	\$200	\$200	\$200
33 Institutional aid, supply.....	1,325	1,325	1,800	2,300	2,800	3,550
<u>Operations Research</u>						
11 Programmed Research.....	850	4,425	5,775	7,000	8,000	9,000
<u>Development of Standards</u>						
11 Programmed Research.....	100	100	100	100	100	100
<u>Regional Health Services</u>						
11 Programmed Research.....	...	500	600	700	700	800
34 Institutional aid, supply.....	...	100	100	100	200	200
<u>Planning</u>						
71 Planning.....	35	300	300	400	400	400
<u>Evaluation</u>						
72 Evaluation.....	35	240	250	360	370	380
<u>Total.....</u>	<u>2,545</u>	<u>7,190</u>	<u>9,125</u>	<u>11,160</u>	<u>12,770</u>	<u>14,630</u>