





MEMORANDUM FOR HONORABLE DOUGLAS CATER

This is in furtherance of our conversation about carrying out the recommendation of the President's Commission on Heart, Stroke, and Cancer and modifies and supplements Dr. Dempsey's memorandum to you of February 4, 1965.

I have concluded that it would be wise for the Administration to amend the 1966 budget to the extent of approximately \$75 million in order that we might be more responsive to the Commission's recommendations and accelerate our activities and efforts to conquer these dread diseases. I have not yet submitted a budget for this purpose. I will only do so if this course of action is in accord with the President's wishes.

There is attached a summary statement of the background, status, and elements of consideration of the Commission's recommendations and their relationships to current activities. This is accompanied by a brief description of the elements which we are considering for inclusion in a budget amendment.

I would appreciate it if you would determine whether or not the President would like us to pursue an amendment to the budget. If this is the preferred course of action, we will arrange with the Bureau of the Budget for an evaluation of our proposals. It would be desirable to obtain an early decision as we are now engaged in testimony before the House Appropriations Committee and they are pressing for a report on our actions to implement the Commission's recommendations.

Secretary

Attachments

JFKelly:ec
typed 2/14/65

Implementation of the Recommendations
of the President's Commission on Heart Disease, Cancer, and Stroke

I. Background

Heart disease, cancer, and stroke are the three leading causes of death in the United States. Taken together they accounted for 71 percent of all U.S. deaths in 1963, claiming more than 1.2 million lives. The economic cost of the three diseases amounts to many billions of dollars each year.

In March 1964 President Johnson appointed a 28 member Commission on Heart Disease, Cancer, and Stroke. The Commission was asked to identify the obstacles to progress in controlling the three diseases and to recommend a national program to reduce their toll by applying existing knowledge more effectively and by accelerating the acquisition of new knowledge.

The Commission Report, presented to the President in December 1964, outlined 35 major recommendations which, if fully implemented, would require more than \$2.9 billion over the next five years over and above what was contained in the Department's 1965 Appropriation Act. The recommendations for the first year total approximately \$400 million. Of this amount there is clear legislative authority for recommendations totalling \$149 million while additional legislation would be desirable or necessary for the rest of the recommendations amounting to \$251 million (selected demonstrations might be carried out under existing legislative authority on many of the latter recommendations).

II. Status of Implementation

The Department's 1966 budget contains approximately \$70 million to implement the first year recommendations of the Commission Report. \$50 million of this amount represents legislation to provide grants for construction and operation of medical complexes to be established in conjunction with medical schools, research institutions, hospitals and other health resources for purposes of conducting coordinated research, training, and demonstrations of patient care in the fields of heart disease, cancer, stroke and other major diseases.

Under existing authority, the 1966 President's budget presently contains approximately \$20 million in areas covered by recommendations in the Commission Report. The report was received too late for inclusion of specific programs and amounts in the budget under existing legislation.

III. Current programs in Heart Disease, Cancer, and Stroke

Current activities of the Public Health Service in research, training, and community health activities specifically related to heart disease, cancer, and stroke amount to more than \$300 million. This is supported

by many more general programs of basic research, training, provision of facilities and support that contributes to the efforts directed at specific diseases. Substantial efforts are also found in the programs of the Vocational Rehabilitation Administration and the Children's Bureau that are directed to treatment and restoration of the victims of these three diseases.

IV. Elements of Consideration

The Commission's recommendations were received in December. Time did not permit an evaluation of the report and inclusion in the budget of amounts considered necessary to carry out the recommendations. The highest priority recommendations requiring new legislation were identified and set forth in the budget. Legislation was introduced and hearings are in progress in the Senate. The budget does contain an additional \$20 million under existing legislation that is fully consistent with the Commission's recommendations.

Failure to amend the budget will defer for an additional year action on much of the Commission's report or will place in the hands of the Congress the initiative for action to carry out the recommendations.

Key members of Congress, both House and Senate, have been critical of our failure to recommend funds to carry out the Commission's report.

Members of the Commission and influential people in the health area have evidenced disappointment and concern because of the lack of an aggressive program to carry out the Commission's report.

The report has been well received.

V. Recommendations

It is recommended that a 1966 budget amendment be submitted approximating \$75 million which will carry out the highest priority recommendations of the Commission.

This proposal would increase the regional research, training, and operational centers of the Vocational Rehabilitation Administration at a cost approximating \$3 million as part of the program for carrying out the Commission's plan for a National Network of Patient Care, Research, and Teaching in Heart Disease, Cancer and Stroke.

To further the Commission's recommendations that call for expanded Application of Medical Knowledge in the Community an increase of \$11.6 million is recommended.

Towards the Commission's program of Development of New Knowledge a budget amendment of \$29.3 million is proposed.

To carry out the Commission's recommendation on Education and Training of Health Manpower proposals totaling \$32.1 million are included in the draft budget amendment.

1966 Proposed Budget Amendments under
Existing Authority to Carry out Recommendations of the
President's Commission on Heart Disease, Cancer, and Stroke

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The Commission report, presented to the President in December 1964, outlined 35 major recommendations which, if fully implemented, would require more than \$2.9 billion over the next five years over and above what was contained in the Department's 1965 Appropriation Act. The recommendations for the first year are in the neighborhood of \$400 million. Of this amount there is clear legislative authority for recommendations totalling \$149 million while additional legislation would be desirable or necessary for the rest of the recommendations amounting to \$251 million (selected demonstrations might be carried out under existing legislative authority on many of the latter recommendations).

The Department's 1966 budget contains \$50 million under proposed legislation to provide grants for the construction and operation of medical complexes to conduct coordinated research, training, and demonstrations of patient care in the fields of heart disease, cancer, stroke, and other major diseases. The estimates under existing legislation, which were developed before the release of the report, also contain increased appropriations of \$20-25 million for purposes consistent with the Commission's specific recommendations.

After a careful analysis of the Commission recommendations that could be carried out under existing authority, the Department proposes to amend the 1966 budget by adding \$75.4 million to carry out those recommendations which are of the highest priority in reducing the national toll caused by heart disease, cancer, and stroke. There follows a brief explanation of each proposal in the Department's request along with a summary table. The numbers that are shown next to each proposal correspond to the recommendation numbers contained in the Commission report and the amounts cited are in millions of dollars.

	<u>Commission</u>	<u>Proposed</u>
	<u>Recommendation</u>	<u>Budget Amendment</u>

#1 Regional Centers for Heart Disease, Cancer and Stroke

\$ --- \$ 2.9

In addition to the specific proposals for the creation of categorical regional centers, the Commission strongly endorsed the importance of rehabilitation centers and suggested doubling the numbers of such centers now receiving support. Increasing the funding of each center as its program may require was also recommended as a means of fostering vitally needed expansion of rehabilitation care, research, and training to meet the needs of patients with heart disease, stroke and cancer. To accomplish this objective, it is proposed that an additional amount of \$1.9 million be provided to the Vocational Rehabilitation Administration to increase the potential of the five existing, fully operative rehabilitation centers, and that another \$1 million be provided to increase the level of support of the present five developmental centers.

#4 Centers of Excellence

3.0 (1.0)

The President's Commission recommended developmental grants to medical schools to enable these institutions to improve their total capability for both academic and research programs for the ultimate purpose of creating a greatly increased number of true "centers of excellence" in medical education and research. The objectives of this proposal are similar to those of the new "Health Sciences Advancement Awards" initiated by NIH in 1965 at the direction of the Congress through the mechanism of the general research support grants. The proposed budget amendment represents an increase of \$1 million for "Health Sciences Advancement Awards" under the general research support grant authority.

#6 Community Planning

1.0 0.5

An increase of \$500,000 over and above the amount contained in the President's budget for "other chronically ill and aged" project grants is proposed, to be earmarked specifically for incentive grants to communities to stimulate the development of a system for the planning and coordination of health activities, as recommended by the Commission.

#7 Community Health Research and Demonstration

5.0 3.0

In its report, the Commission concluded that a major investment in research training and support of promising research projects in the community health field could be expected to pay important dividends. Accordingly, increases of \$2.5 million in research grants for the

Chronic Diseases and the Community Health Practice and Research appropriations and \$.5 million in research training grants for Community Health Practice and Research are proposed to begin effectuation of the Commission recommendation that greatly increased emphasis and support be given to the community health programs within the Public Health Service.

	<u>Commission Recommendation</u>	<u>Proposed Budget Amendment</u>
<u>#9 Heart Disease Control</u>	\$ 2.5	\$ 2.5

The Commission recommended that the Public Health Service be given authority and funds to establish and maintain coordinated State-wide laboratory facilities necessary for heart disease control programs. An effort of the type envisioned by the Commission is currently supported by the heart disease control formula grants authorized by section 314(e) of the Public Health Service Act. It is proposed that an additional amount of \$2.5 million for 1966 be specifically earmarked for the support of State-wide laboratory facilities.

<u>#10 Cervical Cancer Detection</u>	5.0	5.0
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It is proposed that \$5 million be added to cancer project grants over and above the amount contained in the President's budget for 1966, to develop a national program for the early detection of cervical cancer. The President's Commission on Heart Disease, Cancer and Stroke recommended such a program directed at the eight million women aged 25 years and over who are admitted to hospitals in the United States each year.

<u>#11 Continuing Education of the Health Professions</u>	.6	.6
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Continuing education is a categorical imperative of modern medicine. Consequently, an additional amount of \$600,000 is proposed for Vocational Rehabilitation Administration grants to key medical and health institutions and agencies for an expansion of short-term training courses, seminars, conferences, and workshops in rehabilitation services for heart disease, cancer and stroke patients, as recommended by the Commission report.

<u>#14 Specialized Research Centers</u>	1.0	1.0
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As part of its recommendation, the Commission suggested that three Rehabilitation Biomedical Engineering Research Centers be established over a five-year period in order to take advantage of the potential.

offered by bioengineering research in heart disease, cancer and stroke. The sum of \$1 million was recommended as the first year appropriation necessary to initiate this program.

	<u>Commission Recommendation</u>	<u>Proposed Budget Amendment</u>
<u>#15 Research Project Grants</u>	\$35.0	\$19.0

The President's Commission on Heart Disease, Cancer and Stroke endorsed the existing system of review of research project grants utilized by NIH, and recommended intensified and expanded support of research in heart disease, cancer and stroke. Toward this end, a total of \$105 million over and above current appropriations for NIH research project grants was suggested in a three-year period. To begin the effectuation of this recommendation, \$14 million is proposed for expanded support in 1966 of NIH research in heart disease, cancer, stroke and the general medical sciences. An additional appropriation of \$5 million over the President's budget for Vocational Rehabilitation Administration research grants aimed at rehabilitation of persons with heart disease, cancer and stroke is also proposed, in accordance with the Commission's recommendations.

<u>#17 General Research Support Grants</u>	Maximum authorized	9.25
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The President's Commission recommended that the existing NIH general research support grants program be expanded as rapidly as possible to a level of 15 percent of the total NIH research and training budget. Since institutional support of this magnitude represents a very substantial increase over the ongoing general research support program, a somewhat more cautious expansion than that recommended by the Commission is envisioned. Consequently, it is proposed that the original general research support program for health professional schools be expanded by approximately 30 percent over the present 1966 level. This would amount to an increase of \$8.25 million in general research support grants. In addition, another \$1 million over the amount contained in the President's budget for "Health Sciences Advancement Awards" is discussed in connection with Commission recommendation #4, Centers of Excellence.

<u>#22 Research Training</u>	16.1	16.1
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Failure to expand research training support must, automatically, limit the scope of the entire national health research program in future years. In recognition of this fact, the President's Commission recommended the expansion of existing programs of research training grants and fellowships in heart disease, cancer and the general medical sciences, and endorsed the development of a research training grants program in the field of stroke. A total of \$15.6 million over the amount contained in the President's budget for NIH training grants and fellowships is

proposed for this expansion. An additional \$500,000 is also proposed for Vocational Rehabilitation Administration training grants in rehabilitation, as recommended by the Commission.

	<u>Commission Recommendation</u>	<u>Proposed Budget Amendment</u>
<u>#23 Support of Clinical Training</u>	\$10.0	\$ 9.5

To meet the need for the training of superior clinical physicians, a \$1 million program of neurological and sensory disease project grants and a new \$4 million program of heart disease project grants is proposed for the establishment of clinical fellowships and full-time clinical investigatorships in the cardiovascular field. In addition, a \$4 million increase over and above the amount in the President's budget for cancer project grants is proposed to support the recommended extension and expansion of the Cancer Control Program. Finally, \$500,000 is proposed for support of a program of clinical fellowships in rehabilitation, as suggested by the Commission.

<u>#25 Health Technicians</u>	1.4	1.0
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As one element of a greatly increased effort and investment in the recruitment and training of health technicians and other paramedical personnel, the Commission recommended increased support of the program for training medical technicians now existing in the Cancer Control Program. It is proposed that an additional \$1 million be made available for Cancer project grants, specifically earmarked for training medical technicians, including technologists and other specialists essential to the detection and treatment of cancer.

<u>#27 Manpower Assessment</u>	0.5	0.5
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The Commission recommended the establishment in the Bureau of State Services (Community Health) of a health manpower unit, comparable to the research manpower unit of NIH, responsible for continuous assessment of national manpower requirements for health services. An increase of \$500,000 is proposed for the purpose of establishing such a health manpower unit.

<u>#31 National Medical Audiovisual Center</u>	7.5	5.0
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In its report, the President's Commission recommended that the Public Health Service Audiovisual Facility at the Communicable Disease Center in Atlanta be enlarged in scope and strengthened so that it may become a National Medical Audiovisual Center. Toward this end, an additional

\$5.0 million is proposed for carrying out the intramural program envisaged by the Commission, including production, experimental use and evaluation of educational materials in the various communications media, developing, disseminating and evaluating closed circuit television programs for the health professions, and production of films for use in cartridge-type projectors.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

1966 Proposed Budget Amendments to Implement Recommendations
of President's Commission on Heart Disease, Cancer, and Stroke

(Dollars in millions)

		Commission Recommendation	Proposed Budget Amendment
# 1	Regional centers Vocational Rehabilitation Administration	\$ Not specified	\$ 2.9
# 4	Centers of excellence Public Health Service.....	3.0	(1.0) ^{1/}
# 6	Community planning Public Health Service.....	1.0	.5
# 7	Community health research and demonstration Public Health Service.....	5.0	3.0
# 9	Heart disease control Public Health Service.....	2.5	2.5
#10	Cervical cancer detection Public Health Service.....	5.0	5.0
#11	Continuing education Vocational Rehabilitation Administration	.6	.6
#14	Specialized research centers Vocational Rehabilitation Administration	1.0	1.0
#15	Research project grants Vocational Rehabilitation Administration Public Health Service.....	10.0 25.0	5.0 14.0
#17	General research support grants Public Health Service.....	Maximum authorized	9.25
#22	Research training Vocational Rehabilitation Administration Public Health Service.....	Not specified 16.1	.5 15.6

	Commission Recommendation	Proposed Budget Amendment
#23 Clinical training		
Vocational Rehabilitation Administration	\$ 1.0	\$.5
Public Health Service.....	9.0	9.0
#25 Health technicians		
Public Health Service.....	1.4	1.0
#27 Manpower assessment		
Public Health Service.....	.5	.5
#31 National Medical Audiovisual Center		
Public Health Service.....	7.5	5.0
Total.....	---	75.85

1/ This proposal would be accomplished through the "Health Sciences Advancement Awards" under the General Research Support Grants authority. The amount is included in the proposal related to recommendation #17.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

1966 Budget Amendments to Implement Recommendations
of President's Commission on Heart Disease, Cancer, and Stroke

(Dollars in thousands)

	<u>Proposed Budget Amendment</u>
<u>Vocational Rehabilitation Administration</u>	
Research and training:	
# 1 Regional centers.....	\$ 2,900
#11 Continuing education.....	600
#14 Specialized research centers.....	1,000
#15 Research project grants.....	5,000
#22 Research training.....	500
#23 Clinical training.....	<u>500</u>
Subtotal.....	10,500
<u>Public Health Service</u>	
Chronic diseases and health of the aged:	
# 6 Community planning.....	500
# 7 Community health research.....	1,500
# 9 Heart disease control.....	2,500
#10 Cervical cancer.....	5,000
#23 Clinical training.....	9,000
#25 Health technicians.....	<u>1,000</u>
Subtotal.....	19,500
Communicable disease activities:	
#31 National Medical Audiovisual Center.....	5,000
Community health practice and research:	
# 7 Community health research.....	1,500
#27 Manpower assessment.....	<u>500</u>
Subtotal.....	2,000
General research support (#17) ^{1/}	9,250
National Institute of General Medical Sciences	
#15 Research project grants.....	5,000
#22 Research training and fellowships.....	<u>6,000</u>
Subtotal.....	11,000
National Cancer Institute	
#15 Research project grants.....	1,500
#22 Research training and fellowships.....	<u>4,300</u>

Proposed
Budget Amendment

Public Health Service (continued)

National Heart Institute

#15 Research project grants.....	\$ 2,500
#22 Research training and fellowships.....	<u>4,300</u>

Subtotal..... 6,800

National Institute of Neurological¹ Diseases and Blindness

#15 Research project grants.....	5,000
#22 Research training and fellowships.....	<u>1,000</u>

Subtotal..... 6,000

Total, PHS..... 65,350

Grand total, DHEW..... 75,850

1/ The amount proposed for this program will be shown in a number of the NIH appropriations, but the distribution has not yet been determined.