

EM / RC 9/3

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WORLD HEALTH ORGANIZATION

PROPOSED PROGRAMME AND BUDGET ESTIMATES

1961

FOR THE

EASTERN MEDITERRANEAN REGION

ALEXANDRIA, AUGUST 1959

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Green Pages

EM/RC9/3

August 1959

The Regional Director has the honour
to present to the Regional Committee the
proposed programme and budget estimates
for the Eastern Mediterranean Region
for 1961.

PROPOSED PROGRAMME AND BUDGET ESTIMATES
EASTERN MEDITERRANEAN REGION - 1961

INTRODUCTION

Form and Presentation

Developments in the work of WHO have made it necessary to adapt the presentation of the proposed programme and budget estimates to the current needs. The major modifications in presentation have resulted from developments in the Expanded Programme of Technical Assistance and the need for a complete picture of all activities in the field of malaria and an indication of the estimated costs of additional projects requested by governments and not included in the proposed programme and budget estimates.

It will be noted that the administrative and operational services costs of the Expanded Programme of Technical Assistance for the Regional Office have been merged with the estimates for the Regular budget as a result of the decision that the Technical Assistance Board as from 1959 will make lump-sum allocations to the participating organizations for such services.

The Malaria Eradication Programme for the Eastern Mediterranean Region covering the years 1959 through 1963 is presented separately as an annex. In this annex are consolidated the cost estimates of malaria operations under all sources of funds. Complete information on all project activities in malaria, financed from whatever source of funds, is given in this annex and details and description of such projects are no longer given in the country schedules.

An additional annex (green pages) has been introduced in the Regional Budget containing a narrative account together with cost estimates of additional projects requested by governments and not included in the proposed programme and budget estimates. The Category II projects under the Expanded Programme of Technical Assistance which appear in the country schedules are also, in effect, projects requested by the governments which are not included in the proposed programme and budget estimates since they can be financed only if funds not now foreseen become available.

The budget may be classified in four parts: (i) the Regional Office, (ii) Regional Advisors and Representatives, (iii) Country Programmes and (iv) Inter-Country Programme. The programme proposals for the various countries are shown by country in alphabetical order while programmes of interest simultaneously to all or several countries are listed under Inter-Country Programmes.

The annexes follow the same pattern.

The projects are classified in the order of the following major subject headings:

- Malaria
- Tuberculosis
- Venereal Diseases and Treponematoses
- Endemo-Epidemic Diseases
- Virus Diseases

Leprosy
Public Health Administration
Dental Health
Vital and Health Statistics
Nursing
Social and Occupational Health
Health Education of the Public
Maternal and Child Health
Mental Health
Nutrition
Environmental Sanitation
Education and Training
Other Projects

It will be noted that five subject headings have been added as compared to previous budget presentation, viz. Virus Diseases, Leprosy, Dental Health, Vital and Health Statistics and Education and Training. As a consequence, fellowships (various fields) not shown under specific projects, have now been classified under Education and Training rather than under Public Health Administration.

Narratives explaining the respective budget proposals are recorded on the pages facing the appropriate budget estimates. In respect of Malaria projects for which provisions are made under Regular and Technical Assistance funds, narratives together with detailed estimates are shown in the comprehensive annex only.

A summary recapitulating the activities by major subject headings is given on page 7 of the document. Estimates for 1959 and 1960 also are shown throughout the document for comparison with the 1961 programme.

In respect of Malaria activities under MESA funds the estimated requirements for 1962 and 1963 are also given. Savings accrued during the operating year 1959 due to delays in recruitments and implementation of projects have been utilized mainly for awards of additional fellowships to countries where urgent requirements exist.

The programme proposed to be financed from Technical Assistance Funds in 1961 must be considered tentative since it may be subject to adjustments when the programme is finally planned in 1960 under the country programme procedure established by TAC and TAB, and will be dependent upon the eventual availability of funds. The 1960 Technical Assistance Programme contains the same elements as shown in the governments' submissions to TAB, and in revisions thereto received before the printing of this document. Any discrepancies in the amounts shown between the governments' 1960 submissions to TAB and this document are mainly due to the costing procedure requiring that the most recent data be used. Thus, the various elements may have been adjusted in the budget document in order to stay within the total amount proposed by the governments for WHO activities.

Special attention is drawn to the fact that the amount allocated in "Specified Currencies" in 1960 under the Technical Assistance Programme is double the amount required to be utilized in 1959. Since the uses of "Specified Currencies" are limited, this obligatory use of such funds has in reality the same effect as a reduction in the Technical Assistance Programme. Due to a trend of decreasing allocations under the Technical Assistance Programme and as a consequence, uncertainty as to available funds, it appears as if the governments prefer vital projects to be financed from WHO Regular funds. If the

elaborate procedure for reimbursement of local costs for experts, now under consideration by TAB, will be revised, this may in some respects facilitate the programming under TA funds in future years. It is pointed, however, that the proportionate share of funds tentatively allocated to WHO in this Region by TAB is in many instances on the low side when comparing with other UN agencies as can be evidenced in the following table although some countries have in their final submission to TAB made increases in favour of WHO. Special care should, therefore, be taken to ensure that sufficient funds are being invested in health projects for the Technical Assistance Programme.

COUNTRY PLANNING TARGETS FOR 1960
AS APPROVED BY THE TECHNICAL ASSISTANCE BOARD

Document TAB/CM/929
of 21.4.59

<u>Country</u>	<u>Percentage of TA Allocation given to WHO</u>	<u>Position of WHO Allocation in Relation to Other Specialized Agencies</u>
Aden	Nil	Nil (One allocation)
Cyprus	100.00%	First (No other allocation)
Ethiopia	16.48%	Second out of seven agencies
Iran	8.67%	Fourth out of nine agencies
Iraq	14.94%	Second out of eight agencies
Israel	3.75%	Sixth out of nine agencies

<u>Country</u>	<u>Percentage of TA Allocation given to WHO</u>	<u>Position of WHO Allocation in Relation to Other Specialized Agencies</u>
Jordan	14.12%	Third out of eight agencies
Lebanon	17.48%	First together with ICAO out of seven agencies
Libya	11.07%	Fifth out of seven agencies
Pakistan	5.24%	Fifth out of eight agencies
Saudi Arabia	21.12%	Second out of seven agencies
Somalia	18.11%	Fourth out of four agencies
Sudan	18.90%	Second out of seven agencies
Tunisia	17.37%	Second out of eight agencies
United Arab Republic	7.72%	Fifth out of nine agencies
Yemen	53.06%	First out of four agencies

In the column "Extra-Budgetary Funds" it will be noted that where items are marked with an asterisk there is a UNICEF commitment (i.e. approval has been granted by the UNICEF Executive Board) to contribute supplies and equipment in approximately the amount shown in the year indicated. Amounts in this column related to UNICEF are to be considered only as indication of possible UNICEF participation to programmes in which they are interested. In respect of the Malaria programme the amounts attributed to UNICEF are shown in the annex only.

Method of Computation

For the year 1959 the latest allotment analysis at the time of the preparation of this document served as the basis for the requirements. The 1959 situation has been used for projecting salaries and common staff costs for all established positions for the subsequent years. All graded posts have been costed on a full-year basis except for posts expected to be discontinued during any one year and vacant posts in Technical Assistance projects.

Personnel in new projects planned for financing from Technical Assistance funds have, in accordance with established procedures, been costed from 1 April or the date when they are expected to commence, whichever is later. In the case of new projects planned for financing from Regular funds, a deduction of three months has been applied to salaries and related costs and deducted from the overall total of the projects. For filled posts, the costs have been computed individually on the basis of actual salaries (including increments) and other entitlements. For vacant posts and consultants averages have been used.

The present salary scales are as follows:

International Recruitment Level

	<u>Base</u>	<u>Maximum</u>	<u>No. of Steps</u>
<i>Per month</i> 120 P1	\$ 3,600	\$ 5,000	VIII
160 P2	4,800	6,400	IX
200 P3	6,000	8,000	X
240 P4	7,300	9,500	X
292-300 P5	8,750	11,000	IX
320 P6 or D1	10,000	12,000	VI
560 D2	12,500	12,500	I

Local Recruitment Level (effective 1 June 1959)

	<u>Base</u>	<u>Maximum</u>	<u>No. of Steps</u>
<i>Per month</i> 12 EM1	£ 144	£ 249	VIII
17 EM2	219	324	VIII
25 EM3	294	417	VIII
28 EM4	339	528	X
38 EM5	459	708	X
50 EM6	600	936	X
70 EM7	816	1,128	VIII
82 EM8	984	1,320	VIII

Per month
~~110~~

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Regular			SUMMARY BY MAIN SUBJECT	Technical Assistance					Extra-Budgetary		
1959	1960	1961		Category I			Category II		1959	1960	1961
				1959	1960	1961	1960	1961			
\$	\$	\$		\$	\$	\$	\$	\$	\$	\$	
45,446	33,643	25,013	MALARIA <i>\$ 2,824, 112 total for 1960</i>	122,758	59,029	69,185	5,175	-	979,500	1640,422	1849,000 ⁺
140,770	221,553	200,027	TUBERCULOSIS <i>\$ 516,927 total for 1960</i>	112,794	103,874	56,770	16,632	19,604	653,959	1091,918	900,024 ⁺
7,000	-	-	VENEREAL DISEASES & TREPONEMATOSES	30,823	1,185	2,370	-	-	-	-	-
			ENDENO-EPIDEMIC DISEASES								
-	27,350	34,341	Bilharziasis <i>\$ 78694 total for 1960</i>	63,200	51,344	58,067	-	-	-	-	-
26,374	27,744	10,600	Smallpox	-	-	-	-	-	-	-	-
28,659	48,034	36,141	Other	-	-	4,405	7,708	7,708	-	-	-
41,730	25,266	44,095	VIRUS DISEASES	24,582	39,202	40,197	17,260	31,066	33,000	88,000	67,000
1,500	2,600	-	LEPROSY	-	-	14,360	1,674	1,674	-	-	-
			PUBLIC HEALTH ADMINISTRATION								
31,600	61,192	66,155	Public Health Laboratories	-	-	-	-	-	-	-	-
-	-	-	Rural Health	40,793	75,027	60,446	-	-	-	-	-
27,000	71,135	82,114	Other	125,942	84,028	83,079	14,487	10,775	-	-	-
19,938	6,300	-	DENTAL HEALTH	-	-	-	1,674	1,674	-	-	-
13,500	13,290	6,563	VITAL AND HEALTH STATISTICS	-	-	8,337	-	-	-	-	-
70,974	141,870	113,159	NURSING	161,980	110,618	118,329	-	-	203,000	157,000	95,000
15,500	9,387	7,743	SOCIAL AND OCCUPATIONAL HEALTH	-	-	-	16,091	14,750	-	-	-

16,900	11,210	15,785	HEALTH EDUCATION OF THE PUBLIC	13,866	10,176	10,287	-	-	-	-	-
40,300	38,444	28,543	MATERNAL AND CHILD HEALTH	54,841	88,037	90,557	41,964	35,216	182,000	153,500	225,000
25,834	18,806	26,195	MENTAL HEALTH	-	-	2,000	4,328	3,604	-	-	-
-	-	-	NUTRITION	15,000	-	10,533	31,510	36,225	-	-	-
25,140	35,960	37,910	ENVIRONMENTAL SANITATION	52,595	51,355	70,007	43,709	18,267	-	-	-
			EDUCATION AND TRAINING								
114,565	111,214	137,510	University Programmes	-	-	-	-	-	8,000	-	-
103,521	<u>111,255</u>	100,517	Training of Health Personnel	27,910	<u>60,359</u>	78,770	20,927	15,038	25,000	30,000	75,000
201,000	<u>96,000</u>	126,000	Fellowships <i>140 000</i>	60,000	44,000	59,500	117,500	111,000	-	-	-
28,557	16,645	39,800	Other	-	-	17,800	<i>7,664</i>	9,109	-	-	-
18,570	27,265	23,283	OTHER PROJECTS	11,500	51,698	18,465	-	-	-	-	-
1044,378	1156,163	1161,494	Less: Delays in recruitment of personnel in new projects under Regular Funds.	918,584	829,932	873,464	348,303	315,710	2240,959	3352,340	3271,024
	41,976	30,895									
1044,378	114,187	1130,599	TOTAL	918,584	829,932	873,464	348,303	315,710	2240,959	3352,340	3271,024

REGIONAL OFFICE

PERSONNEL

The staff of the Regional Office will be increased by the addition of a medical officer in the office of Education and Training in 1961.

Provision is made for twenty-three professionals, including the Regional Director, and forty-one general service staff members to be financed from Regular and Technical Assistance funds. Posts previously appearing as financed from Technical Assistance funds, are shown along with others under Regular funds as a result of the decision that the Technical Assistance Board, as from 1959, will make lump-sum allocations to the participating organizations for administrative and operational services costs.

In addition to the posts shown in this section of the budget, there are twelve posts (three professionals and nine general service staff members) to be financed from the Malaria Eradication Special Account as detailed in the MESA Annex.

DUTY TRAVEL

The necessary funds are earmarked to cover visits of the Regional Director, his deputy and other senior staff, technical and administrative, for discussions with the governments and field staff in the various countries of the Region on the development and implementation of health programmes. Provision is also made for visits to Headquarters to discuss questions of policy and other matters relating to activities in the Region. The amount budgeted for duty travel for the Regional Office is maintained at the same level in 1960 and 1961.

Provision for duty travel is included also for Regional Office staff in the MESA Annex giving the requirements to be financed from the Malaria Eradication Special Account.

COMMON SERVICES

The cost of Common Services is maintained at the same level in 1961 as in 1960. Besides the cost of Common Services shown under the Regional Office, provision is also made under the Malaria Eradication Special Account (see MESA Annex).

No. of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL OFFICE	Grade	No. of Posts			Technical Assistance			
59	60	61	59	60	61			59	60	61	59	60	61	
			\$	\$	\$						\$	\$	\$	
						<u>OFFICE OF THE REGIONAL DIRECTOR</u>								
1	1	1				Regional Director	UG							
1	1	1				Deputy Regional Director	D2							
1	1	1				Reports Officer	P2							
1	1	1				Administrative Assistant	P1							
1	1	1				Secretary	EM7							
1	1	1				Secretary	EM6							
1	1	1				Clerk	EM4							
			42,384	42,876	43,297	Total								
						<u>EPIDEMIOLOGICAL & STATISTICAL OFFICE</u>								
1	1	1				Epidemiologist	P5							
1	1	1				Technical Assistant	P1							
2	2	2				Clerks	EM6							
			15,612	17,361	18,008	Total								
						<u>PUBLIC INFORMATION</u>								
1	1	1				Information Officer	P3							
1	1	1				Information Officer	P1							
1	1	1				Secretary	EM6							
			9,602	11,763	12,276	Total								

No. of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL OFFICE	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$					\$	\$	\$	
						<u>HEALTH SERVICES</u>							
1	1	1				Director	D1						
1	1	1				Public Health Adviser	P4						
1	1	1				P.H. Laboratory Methods Adviser	P4						
1	1	1				Administrative Assistant	P1						
1	1	1				Secretary	EM6						
4	4	4				Clerk Stenographers	EM5						
			14,986	35,008	36,363	Total							
						<u>Education & Training</u>							
		1				Medical Officer	P4						
1	1	1				Technical Assistant	P1						
1	1	1				Clerk Stenographer	EM6						
1	2	2				Clerk Stenographer	EM5						
1	1	1				Clerk Typist	EM4						
			8,234	10,026	17,564	Total							
						<u>ADMINISTRATION & FINANCE</u>							
1	1	1				Administration & Finance Officer	P4						
1	1	1				Liason Assistant (Cairo)	L8	- ?					
1	1	1				Secretary/Administrative Asst.	EM7						
			12,119	12,448	12,932	Total							

No of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL OFFICE	Grade	No. of Posts			Technical Assistance			
59	60	61	59	60	61			59	60	61	59	60	61	
			\$	\$	\$							\$	\$	\$
						<u>ADMINISTRATION & FINANCE (Ctd)</u>								
						<u>Budget & Finance</u>								
1	1	1				Budget & Finance Officer	P3							
1	1	1				Finance Officer	P2							
1	1	1				Budget Officer	P1							
2	2	2				Assistant Accountants	EM7							
1	1	1				Accounts Clerk	EM6							
2	2	2				Accounts Clerks	EM5							
1	1	1				Secretary	EM5							
1	1	1				Budget Clerk	EM5							
1	1	1				Budget Clerk	EM4							
			28,099	30,214	31,224	Total								
						<u>Personnel</u>								
1	1	1				Personnel Officer	P3							
1	1	1				Personnel Assistant	EM7							
1	1	1				Personnel Assistant	EM6							
1	1	1				Clerk Stenographer	EM5							
			9,835	10,268	10,702	Total								
						<u>General Services</u>								
1	1	1				General Service Officer	P2							
1	1	1				Registry Assistant	P1							
1	1	1				General Service Assistant	EM8							
1	1	1				Registry Clerk	EM6							
1	1	1				Registry Clerk	EM5							
1	1	1				Clerk	EM5							
1	1	1				Telephone Operator	EM4							

No. of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL OFFICE	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$					\$	\$	\$	
						<u>ADMINISTRATION & FINANCE (Ct'd)</u>							
						<u>General Services (Ct'd)</u>							
1	1	1				Mimeograph Clerk	EM3						
1	1	1				Clerk	EM3						
			18,909	19,317	20,148	Total							
						<u>Translation</u>							
1	1	1				Translator	P2						
1	1	1				Assistant Translator	EM7						
1	1	1				Assistant Translator	EM5						
1	1	1				Clerk	EM45						
			9,674	10,096	10,531	Total							
						<u>Supply Services</u>							
1	1	1				Supply Officer	P3						
1	1	1				Supply Assistant	EM6						
1	1	1				Supply Clerk	EM5						
1	1	1				Clerk Stenographer	EM45						
			10,229	10,787	11,217	Total							
			7,036	8,578	9,244	<u>Custodial Staff</u>							
62	63	64	186,719	218,742	233,506	Total Established Posts i.t.O.							

No. of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL OFFICE	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$				\$	\$	\$		
			17,000	10,000	10,000	<u>Travel</u> Duty							
			58,971	72,960	77,999	<u>Statutory Staff Costs</u>							
			10,807		1,300	Allowances							
			9,500	10,250	14,950	Recruitment & Repatriation							
						Home Leave							
						<u>Other Costs</u>							
			4,000	4,000	4,000	Public Information (Supplies and materials)							
			3,500	3,500	3,500	Epidemiological Broadcasting and Telegraphic Expenses							
						<u>Common Services</u>							
				4,275	4,275	Space and Equipment Services							
				14,025	14,025	Other Services							
				7,125	7,125	Supplies and Materials							
				285	285	Fixed Charges and Claims							
				3,990	3,990	Acquisition of Capital Assets							
			33,150	29,700	29,700	Total Common Services							
62	63	64	323,647	349,152	374,955	TOTAL REGIONAL OFFICE							

REGIONAL ADVISERS

PERSONNEL

The number of Regional Advisers in 1961 is kept at the same strength as in 1960 and consists of sixteen professionals and thirteen general service staff members. The Adviser in Nutrition, shown in 1960 and 1961, is costed for six months only in each year since he will be shared with the Regional Office of the African Region.

In addition, in the MESA Annex are shown five professionals and two general service employees.

DUTY TRAVEL

Provision is made for the Regional Advisers to visit the various countries in the Region in connection with the implementation of health projects and to survey the needs and the work carried out by the field teams.

In addition to the amounts shown in this section of the budget, provision is included also in the MESA Annex for travel in connection with Malaria Eradication activities.

The amount made available for duty travel is maintained at the same level in 1961 as in 1960.

COMMON SERVICES

Provisions made for Common Services are the same in 1961 as in 1960.

In addition to the costs for Common Services under Regular funds, provision is also made under the Malaria Eradication Special Account as shown in the MESA Annex.

No of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL ADVISERS	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$					\$	\$	\$	
						Malaria Eradication Coordination Unit							
1	1	1				Malariologist	P5						
1	1	1				Public Health Engineer	P4						
1	1	1				Draughtsman	EM6						
2	2	2				Secretaries	EM5						
1	1	1				Tuberculosis	P4						
1	1	1				Bilharziasis	P4						
1	1	1				Communicable Eye Diseases	P4						
2	2	2				Public Health Administration	P5						
1	1	1				Public Health	P4						
2	2	2				Nursing	P4						
1	1	1				Maternal and Child Health	P4						
1	1	1				Mental Health	P4						
1	1	1				Nutrition	P4						
1	1	1				Environmental Sanitation	P5						
1	1	1				Education and Training	P5						
1	1	1				Statistics	P4						
						<u>Stenographic Pool</u>							
1	1	1				Pool Supervisor	EM6						
9	9	9				Stenographers	EM5						
29	29	29	129,355	146,282	150,959	Total Established Posts							
						<u>Travel</u>							
			21,000	19,000	19,000	Duty							

No. of Posts			Regular			EASTERN MEDITERRANEAN REGIONAL ADVISERS	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$					\$	\$	\$	
			48,619	57,679	58,464	<u>Statutory Staff Costs</u>							
			7,575			Allowances							
			5,700	16,525	8,075	Recruitment and Repatriation							
			700			Home Leave							
						Transportation of Personnel							
						Effects							
						<u>Common Services</u>							
				1,950	1,950	Space and Equipment Services							
				5,850	5,850	Other Services							
				3,250	3,250	Supplies and Materials							
				130	130	Fixed Charges and Claims							
				1,820	1,820	Acquisition of Capital Assets							
			12,570	13,000	13,000	Total Common Services							
29	29	29	225,519	252,466	249,498	TOTAL REGIONAL ADVISERS							

WHO REPRESENTATIVES

WHO REPRESENTATIVE FOR ETHIOPIA

This is the continuation of the project previously called "Public Health Adviser - Ethiopia 3". The incumbent is proposed to assume the functions of WHO representative in Ethiopia, as well as those of adviser in public health matters to the Government. Not only will he be the WHO representative to the health authorities concerned but he will also cooperate with and participate in the activities sponsored by the United Nations and other agencies with a view to promoting the welfare of communities in these areas. He will also be the WHO Liaison Officer with the Economic Commission for Africa located at Addis Ababa.

A sum of \$14,546 has been provided in 1961 to cover the salaries and travel expenses of the WHO representative and the salary of the clerk stenographer. Provision of \$1,000 is made to cover Common Services.

WHO REPRESENTATIVE FOR PERSIAN GULF AREA

This is the continuation of the project expected to be established in 1960 with a view to providing assistance to the territories in the Persian Gulf area. It is proposed to assign a Public Health Adviser to be stationed in Baghdad and to represent WHO with the Government of Iraq and also the territories in the Persian Gulf (Kuwait, Bahrain, Qatar and Oman). Not only will he be the WHO representative to the health authorities concerned, but he will also cooperate with and participate in the activities sponsored by the United Nations and other agencies with a view to promoting the welfare of communities in these areas.

A sum of \$12,735 has been provided in 1961 to cover the salaries and travel expenses of the WHO representative and the salary of the clerk stenographer. Provision of \$1,000 is made to cover Common Services.

WHO REPRESENTATIVE FOR LIBYA

WHO is assisting the Government of Libya in several important health programmes. In order to consolidate the results of these projects and to assist the Government in integrating them in its overall health and medical care services it is proposed to appoint a public health adviser to be stationed at the seat of the Federal Government and to represent WHO with the Government of Libya. Not only will he be WHO representative to the health authorities concerned but he will also cooperate with and participate in the activities sponsored by the United Nations and other agencies with a view to promoting the welfare of communities in these areas.

A sum of \$13,040 has been provided in 1961 to cover the salaries and travel expenses of the WHO representative and the salary of the clerk stenographer. Provision of \$1,000 is made to cover Common Services.

WHO REPRESENTATIVE FOR PAKISTAN

Pakistan, with its eighty-five million inhabitants, is the largest country in the Eastern Mediterranean Region and is now embarking on several important WHO-assisted health projects, both in East and West Pakistan. It is proposed to assign a public health adviser to be stationed at Karachi to represent WHO with the Government of Pakistan and to coordinate present and future WHO assistance. He will cooperate particularly with UNICEF and other United Nations and bilateral international organizations assisting Pakistan in health and community development fields.

A sum of \$14,605 has been provided in 1961 to cover the salaries and travel expenses of the WHO representative and the salary of the clerk stenographer. Provision of \$1,000 is made to cover Common Services.

No of Posts			Regular			EASTERN MEDITERRANEAN WHO REPRESENTATIVE	Grade	No. of Posts			Technical Assistance		
59	60	61	59	60	61			59	60	61	59	60	61
			\$	\$	\$					\$	\$	\$	
	1	2				Public Health Adviser	P5						
1	1	2				Public Health Adviser	P4						
1	2	4				Clerk Stenographers	EM5						
			2,800	25,825	52,926	Total							
			200	1,000	2,000	Duty Travel							
			500	2,000	4,000	Common Services							
			700	3,000	6,000	Total							
2	4	8	3,500	28,825	58,926	TOTAL WHO REPRESENTATIVES							

A D E N

EDUCATION AID TRAINING

Fellowships

Aden 3

Provision is made for fellowships for post-graduate studies and/or observation abroad in various fields of public health (\$4,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary				
					Category I			Category II		59	60	61	
59	60	61			59	60	61	60	61	59	60	61	
\$	\$	\$			\$	\$	\$	\$	\$	\$	\$	\$	
			ADEN										
			NURSING										
			<u>Nursing Training & LCH Services</u>										
			Aden-7										
	1x3m		Consultant										
	3,900		Fees and Travel										
			Supplies and Equipment										
	3,900		Total										
			EDUCATION AND TRAINING										
		4,000	<u>Fellowships</u>										
			Aden-3										
	3,900	4,000	TOTAL ADEN										
											24,000	16,000	

+Allocated by the UNICEF Executive Board.

C Y P R U S

TUBERCULOSIS

Tuberculosis Control

Cyprus 6

A short-term consultant for two months will be provided in 1961 to assess existing tuberculosis control services and assist in the planning and implementation of a national tuberculosis prevalence survey (estimated cost \$2,600).

NURSING

Nursing Education (TA-I)

Cyprus 1

The Government has asked for assistance in the expansion and implementation of their health services. For this purpose, provision is made for a nursing consultant for two months in 1961 (estimated cost \$2,408). She will advise the Government on their nursing services and also evaluate the follow-up of the nursing education project which has been receiving WHO assistance since 1954 and is ending late 1959.

EDUCATION AND TRAINING

Fellowships

Cyprus 3

Provision is made for a post-graduate fellowship of about one year in a public health field (\$3,000).

Fellowships (TA-I and TA-II)

Cyprus 4

Provision is made for fellowships for observational studies in public health fields under TA-I (\$2,000) and TA-II (\$1,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			CYPRUS									
			TUBERCULOSIS									
			<u>T.B. Control</u>	Cyprus-6								
		1x2m	Consultant									
		2,600	Total									
			NURSING									
			<u>Nursing Education</u>	Cyprus-1								
			Consultant			1x2m						
			Total		6,910	2,408						
			EDUCATION AID TRAINING									
3,000	3,000	3,000	<u>Fellowships</u>	Cyprus-3								
			<u>Fellowships</u>	Cyprus-4		2,000	2,000	1,000	1,000			
3,000	3,000	5,600	TOTAL CYPRUS		6,910	2,000	4,408	1,000	1,000			

ETHIOPIA

MALARIA

See MESA Annex

TUBERCULOSIS

Tuberculosis Control Demonstration and Training Centre (TA-I and TA-II) Ethiopia 6

This project, started in March 1959, will be continued through 1961. At the Tuberculosis Centre in Addis Ababa the WHO team will demonstrate methods of diagnosis, domiciliary treatment, and prevention of tuberculosis, train national health personnel in tuberculosis control procedures, and continue and extend the national BCG vaccination campaign. The team will subsequently participate in a national tuberculosis prevalence survey to be undertaken with a national survey team to obtain accurate information on infection and incidence of the disease as a basis for a tuberculosis control programme throughout the country.

In 1961, WHO personnel will consist of a senior adviser, a public health nurse, and an X-ray technician (estimated cost \$ 29,504). A small amount of supplies and equipment will be provided (\$ 500). A laboratory technician will also be provided for nine months in 1960, and twelve months in 1961 under TA-II (estimated cost \$ 6,554).

Supplies and equipment will be provided by UNICEF for the two-year period of operation (see under Extra-Budgetary Funds).

VENEREAL DISEASES AND TREPONEMATOSES

Venereal Disease Control (TA-I) Ethiopia 4

This is the continuation of a project started in 1952, with assistance from WHO and UNICEF. Operations were carried out in Addis Ababa (Demonstration and Training Centre) and in several areas of Ethiopia through three mobile national teams. The WHO senior adviser completed his assignment in April 1959 and the WHO public health nurse at the end of 1959.

Provision is made for a short-term consultant for one month in 1960 and two months in 1961 (estimated cost, 1961 \$ 2,370).

VIRUS DISEASES

Communicable Eye Diseases Control Ethiopia 16

This is the continuation of a project which started in January 1959 and is expected to extend through 1961. An ophthalmologist made a survey of trachoma in some selected areas of Ethiopia. A limited mass campaign of school children will follow in the same areas. The ophthalmologist will continue his assignment through 1961 (estimated cost \$ 11,750). A small amount of supplies and equipment will be provided (\$ 500).

In connection with this programme UNICEF continued to assist a mass campaign in Eritrea among school children and their family contacts, conducted by national staff trained at the Haile Selassie Ophthalmological Institute in Asmara.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
					Category I			Category II				
59	60	61			59	60	61	60	61	59	60	61
\$	\$		ETHIOPIA									
			MALARIA									
			See MESA Annex				27,070	1,879				
			TUBERCULOSIS									
			<u>T.B. Demonstration and Training Centre</u> Ethiopia-6									
			Senior Adviser	P4		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			X-Ray Technician	P2		1x12m	1x12m					
			Laboratory Technician	P2				1x9m	1x12m			
			Salaries, Allowances, Travel					5,224	6,554			
			Supplies and Equipment					5,500*	500			
			Total			28,954	33,955	30,004	5,224	6,554	+7,000 +7,500	
			VENEREAL DISEASES AND TREPONEMATOSIS									
			<u>V.D. Control Consultant</u> Ethiopia-4									
			Total			17,577	1,185	2,370				
			VIRUS DISEASES									
			<u>Communicable Eye Diseases Control</u> Ethiopia-16									
	1x12m	1x12m	Ophthalmologist	P4								
	10,991	11,750	Salaries, Allowances, Travel									
	1,000	500	Supplies and Equipment									
	17,730	11,991	Total								+33,000 48,000 23,000	

* Russian Roubles \$ 5,000.

+ Allocated by the UNICEF Executive Board

E T H I O P I A
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health Administration (TA-I) Ethiopia 3

This project started in October 1954 and will continue through 1961 at least. The functions filled by the Public Health Adviser until the end of 1960 will be incorporated in 1961 among those to be carried out by an area representative (see section "Area Representatives").

Provision is made in 1961 for the services of an epidemiologist for twelve months who will assist the Government and advise in the planning and operation of their epidemiological services (estimated cost \$11,177). Supplies and equipment in the amount of \$5,500 (\$5,000 in Russian roubles) are also included.

Public Health Administration, Eritrea (TA-II) Ethiopia 22

The federal government of Ethiopia submitted a request for the appointment of a public health adviser to be attached to the government departments in Eritrea. Subject to the availability of funds, a public health officer is to be provided for three months in 1961 (estimated cost \$3,749). His duties will be to advise on all health matters, to coordinate the assistance provided by the Organization with the various government departments in Eritrea, the international agencies and bilateral organizations interested in public health programmes and to

PUBLIC HEALTH ADMINISTRATION (continued)

Public Health Administration, Eritrea (TA-II) Ethiopia 22
(continued)

assess and follow up projects in operation as well as to assist the Government in its planning for the future. Supplies and equipment in the amount of \$500 are also included.

Supervisory Team for Rural Health Services Ethiopia 25

The purpose of this project is to provide professional supervision for the auxiliary health personnel graduated from Gondar College (Ethiopia 9) and assigned to work in new health centres in various parts of the country. The project is expected to start in 1960, to continue for five years.

Provision for a WHO team consisting of a medical officer, a sanitary engineer and a public health nurse, is made for twelve months in 1961 (estimated cost \$31,948).

A small amount of supplies and equipment (\$500) is also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
					Category I			Category II		59	60	61
59	60	61			59	60	61	60	61	59	60	61
\$	\$	\$			\$	\$	\$	\$	\$	\$	\$	\$
			ETHIOPIA (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION:									
			<u>Public Health Administration</u>									
			Ethiopia-3									
			P.H. Adviser	P5								
			Epidemiologist	P4	X	1x12m						
			Salaries, Allowances, Travel			13,145	11,177*					
			Supplies and Equipment				5,500*					
			Total			25,740	13,145	16,677				
			<u>Public Health Administration,</u>									
			<u>Eritrea</u>									
			Ethiopia-22									
			P.H. Adviser	P4				1x3m				
			Salaries, Allowances, Travel						3,749			
			Supplies and Equipment						500			
			Total						4,249			
			<u>Supervisory Team for Rural</u>									
			<u>Health Services</u>									
			Ethiopia-25									
	1x12m	1x12m	Medical Officer	P4								
		1x12m	Sanitary Engineer	P4								
	1x12m	1x12m	P.H. Nurse	P2								
	20,185	31,948	Salaries, Allowances, Travel									
	500	500	Supplies and Equipment									
	20,685	32,448	Total									

E T H I O P I A
(continued)

MATERNAL AND CHILD HEALTH

Maternal and Child Health Training,
Eritrea (TA-I and TA-II) Ethiopia 23

This is the continuation of a project scheduled to start in 1959 with the object of strengthening the public health services in Eritrea by the training of midwives as a first step in the development of maternal and child health services, particularly in the rural areas of the country.

WHO is providing a nurse midwife tutor under TA-I for twelve months in 1960 and 1961 (estimated cost 1961 \$6,670). Provision is also made for supplies and equipment (\$500). In addition, a medical officer is budgeted for nine months in 1960 and twelve months in 1961 under TA-II (estimated cost \$10,340).

Additional supplies and equipment will also be provided by UNICEF (see under Extra-Budgetary Funds).

EDUCATION AND TRAINING

Health Training Centre, Gondar Ethiopia-9

This project, started in 1954 in cooperation with the United States International Cooperation Administration and UNICEF, has as its main objective training of various types of auxiliary public health personnel (health officers, community nurses, midwives, sanitarians)

EDUCATION AND TRAINING (continued)

Health Training Centre, Gondar (continued) Ethiopia-9

in order to provide the country with the necessary staff to organize and run local health services.

The international personnel will be gradually reduced and the Government is expected to take over increased responsibilities. In 1961, WHO assistance will consist of a senior adviser, a junior medical officer and a public health nurse (estimated cost \$34,141). Provision is also made for a small amount of supplies and equipment (\$500), most of the supplies being provided by UNICEF (see under Extra-Budgetary Funds).

Fellowships Ethiopia-18

The provision of \$10,000 will cover long-term fellowships for undergraduate studies particularly in medicine but also in allied fields (dentistry, sanitary engineering) and continuation of fellowships awarded in previous years.

Fellowships (TA-I and TA-II) Ethiopia-19

The amounts provided under this project are planned to cover expenses for undergraduate studies in medical and allied fields (TA-I, \$11,000 and TA-II, \$5,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary					
59	60	61			Category I			Category II		59	60	61			
					59	60	61	60	61						
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$					
			ETHIOPIA (Ct'd)												
			INTERNAL AND CHILD HEALTH												
			<u>MOI Training, Eritrea</u> Ethiopia-23												
			Medical Officer			P4			1x9m	1x12m					
			Nurse midwife Tutor			P2	1x12m	1x12m							
			Salaries, Allowances, Travel					5,939	6,670	8,447	10,340				
			Supplies and Equipment					*5,500	500			8,000	10,000		
			Fellowships					3,000							
			Total					3,000	14,439	7,170	8,447	10,340			
			EDUCATION AND TRAINING												
			<u>Health Training Centre, Gondar</u>												
			Ethiopia-9												
			Senior Adviser			P4									
			Sanitary Engineer			P4									
			Junior Medical Officer			P3									
			P.N. Nurse			P2									
			Salaries, Allowances, Travel												
			Supplies and Equipment												
			Total									25,000	30,000	50,000	
			Fellowships			Ethiopia-18									
								10,000	3,000	11,000	10,000	5,000			
			Fellowships			Ethiopia-19									
			TOTAL ETHIOPIA					112,341	67,603	67,221	23,671	26,143	73,000	85,500	83,000
=====											=====				

* Russian Roubles @ 5,000. + Allocated by the UNICEF Executive Board.

I R A N

MALARIA

See MESA Annex

ENDEMO-EPIDEMIC DISEASES

Bilharziasis Control (TA-I) Iran 38

The purpose of the project is to conduct field studies for the effective and economic prevention and control of bilharziasis, to train national staff, and to plan and prepare for the control of the disease, integrating the plan as far as possible into the national economic development of the country.

Two consultants visited the country in late 1958 to study the problem, and the field staff, consisting of an epidemiologist (senior adviser) and a malacologist arrived in 1959. Their services will be continued during 1960 and 1961 (estimated cost, 1961, \$20,780). Equipment and supplies in the amount of \$6,500 will be provided in 1961, including \$6,000 in Russian roubles.

PUBLIC HEALTH ADMINISTRATION

Public Health Laboratory Iran 26

This project began in 1955 for the purpose of establishing a central public health laboratory in Teheran with a bacteriological and chemical (food and drug analysis) section and will continue through 1961.

The assistance provided by WHO in 1961 will be reduced to a single post of drug analyst (estimated cost \$13,377). A small amount of supplies and equipment will be provided (\$500).

NURSING

Midwifery Education Iran 21

This is the continuation and completion of a project which began in 1954 with assistance from WHO and UNICEF, the object of which was to establish a professional school of midwifery in the country.

Provision is made for the continuation of two nurse-midwives in 1960 and for one only for six months in 1961 (estimated cost \$4,360).

Regular	EASTERN MEDITERRANEAN REGION PROGRAMS	Grade	Category	1960	1961	Ex. Budgetary
	IRAN					
	MALARIA					
	See MESA Annex			4,129	7,221	
	ENDENO-EPIDEMIC DISEASES					
	<u>Bilharziasis Control</u> Iran-38					
	Epidemiologist	P4	1x12m	1x12m		
	Malacologist	P4	1x12m	1x12m		
	Salaries, Allowances, Travel			19,762	20,780	
	Supplies and Equipment			*3,500	*6,500	
	Total			24,400	23,262 27,280	
	PUBLIC HEALTH ADMINISTRATION					
	<u>P.H. Laboratory</u> Iran-26					
	Senior Adviser	P4				
	Drug Analyst*	P3				
	Salaries, Allowances, Travel					
	Supplies and Equipment					
1x12m						
1x12m						
22,737					13,377	
500					500	
25,600					23,237 13,877	
	Total					
	NURSING					
	<u>Midwifery Education</u> Iran-21					
	Nurse Midwife	P2				
2x12m						
1x6m						
11,690					14,984 4,360	
	Total					

*Russian Roubles \$ 3,000 (1960) \$ 6,000 (1961)

I R A N
(continued)

NURSING (continued)

Nursing Education, Red Lion and Sun School
of Nursing, Rey (TA-I) Iran 37

WHO assistance to this school of nursing began in 1956, a continuation of the project started in 1952 at the Royal Ashraf School of Nursing under project Iran-8. The gradual reduction of international staff will begin in 1960 with expected withdrawal of WHO assistance in 1961.

Provision is made for the continuation of five nurse educators for twelve months each and one nurse educator for six months in 1960. In 1961, only two nurse educators are budgeted for twelve months each (estimated cost \$15,285).

Teaching and reference materials required for curriculum development will also be supplied (\$500).

NURSING (continued)

Nursing Education, Provincial Schools (TA-I) Iran 44

The object of this project is to increase the number and improve the quality of nurses to meet the total need for nursing services throughout Iran. It is planned to go into operation in 1961 in a selected provincial area.

Provision is made in 1961 for the services of three nurse educators for twelve months each (estimated cost \$19,269). Supplies and equipment in the amount of \$500 are also included.

SOCIAL AND OCCUPATIONAL HEALTH

Industrial and Occupational Health (TA-II) Iran 30

A WHO consultant visited Iran in 1952 and made recommendations for the development of a programme in industrial hygiene. These plans have been partially carried out by the Government.

If funds become available, it is proposed to provide the assistance of a medical officer for nine months in 1960 and for twelve months in 1961 (estimated cost, 1961, \$9,403). Supplies and equipment will also be provided (\$2,000).

* Russian Roubles \$ 5,000. + Approved by the USSR Executive Board. Total USSR Non-Country Allocation

Regular		\$		59	60	61
EASTERN MEDITERRANEAN REGION						
Grade	PROGRAMMES					
	NURSING (ct'd)					
	Nursing Education, Red Lion & Sun					
	School of Nursing, Rey Iran-37					
	Senior Nurse Educator					
P3	Nurse Educator					
P2	Nurse Educator					
P2	Nurse Educator					
	Schools (Iran-44)					
	Nursing Education (Provincial					
	Iran-44)					
	Nurse Educator					
P2	Salaries, Allowances, Travel					
	Supplies and Equipment					
	Total					
	51,525 46,234 15,785					
	40,734 15,285					
	5,500 500					
	3x12m					
	19,269 500					
P2	Total					
	SOCIAL AND OCCUPATIONAL HEALTH					
	Industrial & Occupational					
	Health					
	Iran-30					
	Medical Officer					
	Salaries, Allowances, Travel					
	Supplies and Equipment					
	Total					
	12,774 11,403					
	5,000 2,000					
	7,774 9,403					
	1x9m 1x12m					
	Category I					
	1x12m 1x12m					
	4x12m 1x12m					
	1x6m					
	40,734 15,285					
	5,500 500					
	51,525 46,234 15,785					
	19,269 500					
	3x12m					
	19,269 500					
	5,500 500					
	7,774 9,403					
	5,000 2,000					
	12,774 11,403					
	Category II					
	1x9m 1x12m					
	7,774 9,403					
	5,000 2,000					
	12,774 11,403					
	Extra-Budgetary					
	\$131,000 \$100,000					
	59 60 61					

I R A N
(continued)

SOCIAL AND OCCUPATIONAL HEALTH (continued)

Rehabilitation Services, Shiraz Iran 42

This is the continuation of a project expected to start in 1959. Its purpose is to establish a school of physiotherapy and needed rehabilitation services for physically handicapped persons at the Shiraz Medical Centre. WHO will provide the services of a physiotherapy tutor for twelve months in 1960 and for nine months in 1961 (estimated cost, 1961, \$7,243).

Supplies and equipment in the amount of \$500 are also included.

MENTAL HEALTH

Mental Health Iran 28

This is the continuation of a project started in 1958 for the purpose of assisting the Government in developing and improving mental health services, including both preventive and curative aspects, the training of personnel and coordination of related health and educational activities. A medical adviser visited the country for three months in 1958 and in 1959 a psychiatric nurse tutor was appointed by WHO to assist in reorganizing nursing services at the psychiatric teaching hospital. Provision is made for the services of a medical officer and a nurse-tutor in 1960 and 1961 (estimated cost, 1961, \$22,295).

NUTRITION

Nutrition Institute (TA-II) Iran 7

On the recommendation of a WHO consultant who made a survey of the nutrition problem in 1952, the establishment of a Nutrition Institute in Iran was scheduled to begin in 1957. The detailed plan was prepared by a WHO consultant after an additional survey of nutritional conditions in the country.

Provision is made for the services of a nutritionist for nine months in 1960 and twelve months in 1961 (estimated cost, 1961, \$9,403). Supplies and equipment in the amount of \$4,000 are also included.

FAO has been providing the services of a school feeding specialist who is working in cooperation with the Nutrition Institute staff.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary		
							Category I			Category II		59	60
59	60	61				59	60	61	59	60	61		
\$	\$	\$				\$	\$	\$	\$	\$	\$		
			IRAN (ct'd)										
			SOCIAL AND OCCUPATIONAL HEALTH (ct'd)										
			<u>Rehabilitation Services,</u>										
			<u>Shiraz</u> Iran-42										
	1x12m	1x9m	Physiotherapy Tutor			P3							
	8,887	7,243	Salaries, Allowances, Travel										
	500	500	Supplies and Equipment										
4,500	9,387	7,743	Total										
			MENTAL HEALTH										
			<u>Mental Health</u> Iran-28										
	1x12m	1x12m	Medical Officer			P4							
	1x12m	1x12m	Nurse Tutor			P3							
12,030	18,806	22,295	Total										
			NUTRITION										
			<u>Nutrition Institute</u> Iran-7										
			Nutritionist			P4		1x9m	1x12m				
			Salaries, Allowances, Travel					7,714	9,403				
			Supplies and Equipment					5,000	4,000				
			Total					12,714	13,403				

I R A N
(continued)

EDUCATION AND TRAINING

Fellowships Iran 35

Provision is made to cover fellowships for postgraduate studies in public health fields as well as to cover the cost for attendance at educational meetings (\$10,000).

Fellowships (TA-I and TA-II) Iran 36

Provision is made to cover fellowships for professional studies and observations in various fields of public health (TA-I, \$5,000 and TA-II, \$10,000).

EDUCATION AND TRAINING (continued)

Assistance to High Institute of Public Health, Teheran Iran 40

This project was started in 1958 to assist the Government in its efforts to increase the number and improve the standards of different types of health personnel. Two short-term consultants studied the situation and from their report the type of assistance needed was determined.

Provision is made in 1961 for a consultant for two months (estimated cost \$2,600).

Assistance to Provincial Faculties of Medicine Iran 43

Five provincial medical schools were established in Iran between 1947 and 1956. The Government of Iran had asked WHO assistance for several of these schools. The purpose of this project is to provide two visiting professors in 1961 (estimated cost \$25,468) who will assist in strengthening the teaching, mainly of the basic medical sciences; as well as of public health and preventive medicine.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			IRAN (Ctd)									
			EDUCATION AND TRAINING (Ctd)									
17,500	8,000	10,000	Fellowships Iran-35									
			Fellowships Iran-36				9,000	1,000	5,000	10,000	10,000	
			Assistance to High Institute of Public Health, Teheran Consultant Iran-40									
		1x2m										
4,800		2,600	Total									
			Assistance to Provincial Faculties of Medicine Iran-43									
		1x12m	Visiting Professor	P5								
		1x12m	Visiting Professor	P4								
		25,468	Total									
			OTHER PROJECTS									
			Radiology, Mousabadi Hospital, Teheran Iran-22									
		1x9m	Radiology Expert	P4								
7,800	8,590		Total									
83,920	83,004	86,343	TOTAL I - F				84,925	74,625	75,055	35,488	34,806	131,000 100,000

I R A Q

MALARIA

See MESA Annex

ENDEMO-EPIDEMIC DISEASESBilharziasis Control (TA-I) Iraq 15

This project, started in 1956, and expected to continue through 1961, has as its object the development of effective bilharziasis control methods, emphasis being placed on the prevention of the infection to newly developed areas. Pilot studies of an engineering nature are to be conducted in irrigation systems in Iraq, different in age, design and geographical setting.

WHO will continue to provide a three-man advisory team consisting of an epidemiologist, a malacologist and a public health engineer through 1961 (estimated cost \$30,287). Supplies and equipment in the amount of \$500 will also be provided.

VIRUS DISEASESCommunicable Eye Diseases Control (TA-I) Iraq 18

A WHO consultant visited Iraq in 1955 and made a preliminary survey on the epidemiology of communicable eye diseases in the country. A control programme will start in 1959. The purpose will be to develop suitable methods of controlling communicable eye diseases in Iraq, first in a pilot area and later expanding it to other areas of the country using existing health ~~services~~, personnel and schools in organizing the campaign against communicable eye diseases.

Provision is made for the continuation of the ophthalmologist and the public health nurse through 1961 (estimated cost \$15,443).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			IRAQ									
			MALARIA									
			See IESSA Annex									
30,446	33,643	25,013	ENDEMO-EPIDEMIC DISEASES									
			<u>Bilharziasis Control</u> Iraq-15									
			Epidemiologist	P4		1x12m	1x12m					
			Malacologist	P4		1x12m	1x12m					
			P.H. Engineer	P4		1x12m	1x12m					
			Salaries, Allowances, Travel			28,082	30,287					
			Supplies and Equipment				500					
			Total			33,800	28,082	30,787				
			VIRUS DISEASES									
			<u>Communicable Eye Diseases Control</u> Iraq-18									
			Ophthalmologist	P4		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			Total			8,832	13,954	15,443				
			LEPROSY									
			<u>Leprosy Control</u> Iraq-5									
	1x2m		Consultant									
	2,600		Total									

I R A Q
(continued)

MATERNAL AND CHILD HEALTH

School Health Services (TA-II) Iraq 23

A WHO consultant visited Iraq in 1955 to survey the school health services of the country. On his recommendations, the Government requested assistance in developing and improving existing school health services. The project is expected to begin in 1961 and continue for two years.

If funds become available, WHO will provide the services of a medical officer for six months in 1961 (estimated cost \$5,630).

EDUCATION AND TRAINING

Fellowships Iraq 28

Provision is made to cover expenses for post-graduate studies and observations in various fields of public health (\$10,000).

EDUCATION AND TRAINING (continued)

Fellowships (TA-II) Iraq 29

The provision made will cover fellowships for postgraduate studies and observations in various fields of public health (\$9,000).

Assistance to the College of Medicine, Baghdad Iraq 33

This project began in 1958 to provide assistance to the College of Medicine in Baghdad and, in particular, to the Department of Public Health and Preventive Medicine. The services of the professor of public health and preventive medicine will be continued throughout 1960 and 1961 (estimated cost, 1961, \$13,434).

A consultant is also envisaged for two months in both years to advise the Government on the development of medical education in general (estimated cost, 1961, \$2,600).

Supplies and equipment in the amount of \$500 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			IRAQ (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			<u>Provincial Health Administration</u> Iraq-6		34,212							
			MATERNAL AND CHILD HEALTH									
			<u>School Health Services</u> Iraq-23 Medical Officer	P4				1x6m				
			Total					5,630				
			EDUCATION AND TRAINING									
13,000	8,000	10,000	<u>Fellowships</u> Iraq-28									
			<u>Fellowships</u> Iraq-29					15,000	9,000			
			<u>Assistance to the College of Medicine, Baghdad</u> Iraq-33 Professor of Public Health Consultant Salaries, Allowances, Travel Supplies and Equipment	P5								
	1x12m 1x2m	1x12m 1x2m	Total									
	15,247 500	16,034 500										
12,305	15,747	16,534										

I R A Q
(continued)

EDUCATION AND TRAINING (continued)

Training of Health Personnel (TA-I and TA-II) Iraq 35

The Government has requested WHO to replace the Provincial Health Administration project (Iraq 6) with a training programme for health workers and auxiliary health workers. It is expected that during the latter part of 1959 the Provincial Health Administration project will be re-orientated in this direction and that a training school for sanitarians and sanitarian aides will be established in Baghdad with a rural environmental health demonstration area attached to it. It is also expected that a nurses aide school will be established in Baghdad, and that later the training of sanitarians and nurses aides will be developed in Mosul.

This project will be established in close cooperation with other specialized and bilateral agencies working in the fields of community development, fundamental education, agricultural extension and social welfare.

EDUCATION AND TRAINING (continued)

Training of Health Personnel (TA-I and TA-II) (continued) Iraq 35

In 1961, WHO will provide under TA-I a senior adviser (public health administrator), a sanitary engineer and a public health nurse (estimated cost \$29,835). A small amount of equipment and supplies will be provided (\$500).

Under TA-II, provision is made for a health educator for twelve months and a sanitarian tutor for nine months (estimated cost \$10,038).

Supplies and equipment in the amount of \$5,000 will also be provided.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			IRAQ (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
			<u>Training of Health Personnel</u>									
			Iraq-35									
			Senior Adviser	P4		1x12m	1x12m					
			Sanitary Engineer	P4		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			Health Educator	P2				1x9m	1x12m			
			Sanitarian Tutor	P2					1x9m			
			Salaries, Allowances, Travel			27,689	29,335	4,670	10,038			
			Supplies and Equipment				500	10,000	5,000			
			Total			27,689	30,335	14,670	15,038			
55,751	59,990	51,547	TOTAL IRAQ			76,844	69,725	76,565	29,670	29,668		
=====						=====			=====			

I S R A E L

MALARIA

See MESA Annex

MATERNAL AND CHILD HEALTH

Diarrhoeal Diseases of Infancy
and Childhood (TA-I)

Israel 30

The Government has asked for help in the study of diarrhoeal diseases of infancy which are still a major public health problem in spite of the systematic child health work carried out in Israel. It is proposed that WHO should provide the services of a short-term consultant for three months in 1961 (estimated cost \$ 3,482).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			ISRAEL									
			MALARIA									
			See MESA Annex									
			PUBLIC HEALTH ADMINISTRATION									
			<u>Hospital Administration</u> Israel-26									
			Consultant					1x3m				
			Total				6,500	3,482				
			<u>Evaluation of National Health</u>									
			<u>Programme</u> Israel-32									
			Consultant						1x8m			
			Total				5,000		9,285			
			MATERNAL AND CHILD HEALTH									
			<u>Diarrhoeal Diseases of Infancy</u>									
			<u>and Childhood</u> Israel-30									
			Consultant							1x3m		
			Total							3,482		
			<u>Maternal and Child Health</u>									
			<u>Study</u> Israel-34									
			Consultant							1x6m		
			Total							6,964		

I S R A E L
(continued)

MENTAL HEALTH

Mental Health

Israel 24

The Government has agreed to participate in the world-wide study on epidemiology of mental disorders and will carry out an investigation in Israel where the already well-developed psychiatric diagnostic and treatment services will make the study possible.

In 1961 WHO will provide the services of an expert on epidemiology of mental diseases who will stay in Israel for three months working with the national authorities (estimated cost \$ 3,900).

EDUCATION AND TRAINING

Fellowships

Israel 27

Provision is made for postgraduate fellowships in the field of public health as well as for observational studies and attendance at educational meetings (\$ 10,000).

Fellowships (TA-I and TA-II)

Israel 28

Provision is made for two postgraduate fellowships in public health (TA-I, \$ 8,000 and TA-II, \$ 6,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			ISRAEL (Ct'd)									
			MENTAL HEALTH									
		3m	<u>Mental Health</u> Israel-24 Consultant									
		3,900	Total									
			ENVIRONMENTAL SANITATION									
			<u>Sanitary Engineering Course,</u> <u>Haifa Technion</u> Israel-19			10,520						
			EDUCATION AND TRAINING									
9,710			<u>Assistance to Madassah Medical</u> <u>School, Jerusalem</u> (a) <u>Anatomy</u> Israel-25									
9,500	7,000	10,000	<u>Fellowships</u> Israel-27									
			<u>Fellowships</u> Israel-28			3,000	8,000	4,000	6,000			

I S R A E L
(continued)EDUCATION AND TRAINING (continued)Assistance to Hadassah Medical School,
Jerusalem (B) Preventive and Social
Medicine

Israel 29

This project, started in 1959, is designed primarily to promote and develop undergraduate training in preventive and social medicine by providing field training facilities.

Postgraduate and refresher courses for various types of health personnel are envisaged, with the development of research on community health service needs.

The project is to be continued through 1960 and 1961 with provision in the 1961 budget for the services of a professor of public health and social medicine for six months, and assistant professor of health education for three months, and an assistant professor of public health nursing for twelve months (estimated cost \$ 29,170).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			ISRAEL (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
			<u>Assistance to Hadassah Medical School, Jerusalem</u>									
			(b) <u>Preventive & Social Medicine</u> Israel-29									
			Professor of Public Health and Social Medicine	P5								
			Asst. Prof. of Health Education	P4								
			Asst. Prof. of P.N. Nursing	P3								
			Salaries, Allowances, Travel Fellowships									
			Total									
			OTHER PROJECTS									
			<u>Assistance in Prosthetics Production</u> Israel-33									
			Consultant				1x6m					
			Total				6,964					
			TOTAL ISRAEL				25,020	10,446	11,482	20,249	6,000	

J O R D A N

MALARIA

See MESA Annex

VIRUS DISEASES

Communicable Eye Diseases Control (TA-I) Jordan 11

A WHO consultant who carried out a survey in 1955 recommended that a communicable eye diseases control demonstration centre should be set up in a pilot area. The project, expected to begin in 1959, has as its purpose the following : demonstrating prophylactic treatment and control of epidemic conjunctivitis, case-finding and treatment and follow-up of trachoma, promoting health education of the public and strengthening the sanitation programme. An ophthalmologist budgeted for twelve months in 1960 will be joined by a public health nurse in 1961, each for twelve months (estimated cost, 1961 \$ 16,926).

Supplies and equipment in the amount of \$ 5,500 are included, of which \$ 5,000 is in Russian roubles.

UNICEF is expected to assist the programme with supplies and equipment, especially in the expansion phase of the practical programme which will be continued for several years (see under Extra-Budgetary Funds).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary		
							Category I			Category II		59	60
59	60	61					59	60	61	59	60	61	
\$	\$	\$					\$	\$	\$	\$	\$	\$	
			JORDAN										
			MALARIA										
			See LEISA Annex				13,765	11,145	11,404				
			TUBERCULOSIS										
			<u>Tuberculosis Control</u> Jordan-5										
			X-Ray Technician			P2		1x12m					
			Salaries, Allowances, Travel					7,264					
			Supplies and Equipment										
			Fellowships					8,000					
			Total				30,910	15,164					
			VIRUS DISEASES										
			<u>Communicable Eye Diseases</u>										
			<u>Control</u> Jordan-11										
			Ophthalmologist			P4		1x12m	1x12m				
			P.N. Nurse			P2			1x12m				
			Salaries, Allowances, Travel					9,523	16,926				
			Supplies and Equipment					*4,000	*5,500				
			Total				5,000	13,523	22,426			10,000	

Dr. Winkler

* Russian Roubles * 2,500(1960) - \$ 5,000 (1961) † Allocated by the UNICEF Executive Board

J O R D A N
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health Administration

Jordan 25

The Government has requested assistance from WHO on the re-organization of its internal administrative services. Provision is made for a public health adviser expected to begin in 1960 and continue through 1961 (estimated cost, 1961 \$ 11,383).

Supplies and equipment in the amount of \$ 500 are also included.

MATERNAL AND CHILD HEALTH

School Health

Jordan 15

The Government has asked for the assistance of a WHO consultant, expected in late 1959, to make a survey of school health problems with a view to organizing a school health service to cover the major local aspects in this field. An expert consultant in school health is budgeted for two months in 1961 (estimated cost \$ 2,600).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			JORDAN (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			<u>P.H. Administration</u> Jordan-25	P4								
	1x12m	1x12m	P.H. adviser									
	11,775	11,383	Salaries, Allowances, Travel									
	500	500	Supplies and Equipment									
	12,275	11,883	Total									
			VITAL & HEALTH STATISTICS									
			<u>Vital and Health Statistics</u> Jordan-20									
1,600												
			HOSPITAL AND CHILD HEALTH									
			<u>Maternal and Child Health</u> Jordan-3									
							5,500	*2,500				
			<u>School Health</u> Jordan-15									
			Consultant									
			Total									
5,000		2,600										

* Russian Roubles

J O R D A N
(continued)

MATERNAL AND CHILD HEALTH (continued)

Assistance to Children's Hospital, Amman Jordan 24
(TA-I and TA-II)

It is proposed that a paediatric nurse in public health should be provided for twelve months in 1961 to supervise the nursing staff in the Children's Hospital, Amman, to assist in the paediatric training of nursing and auxiliary personnel, and to supervise the activities of the maternal and child health demonstration and training Centre, Amman, where WHO assistance was withdrawn in December 1958 (estimated cost \$ 6,486).

Supplies and equipment amounting to \$ 2,000 are also included.

Additional supplies and equipment have been provided by UNICEF (see under Extra-Budgetary Funds).

Fellowships amounting to \$ 5,000 are included under TA-II in 1961.

EDUCATION AND TRAINING

Fellowships Jordan 18

Provision is made for fellowships covering post-graduate and observational studies as well as attendance at educational meetings (\$ 5,000). A fellowship for studies in medicine or an allied field is included.

EDUCATION AND TRAINING (continued)

Fellowships (TA-I and TA-II) Jordan 19

Provision is made for fellowships in various fields of public health (TA-I, \$ 12,000 and TA-II, \$ 10,000).

OTHER PROJECTS

Production of Vaccine and Anti-Sera Jordan 23

The purpose of this project is to assist the Government in the production of vaccine against whooping-cough, tetanus and diphtheria (triple vaccine).

The project is scheduled to start in 1960 with WHO providing the services of a bacteriologist who will continue twelve months in 1961 (estimated cost \$ 11,383). He will establish the production unit with the assistance of the national staff of the public health laboratory of the Government.

Supplies and equipment in the amount of \$ 1,000 will also be provided.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary				
59	60	61			Category I			Category II		59	60	61		
					59	60	61	60	61					
\$	\$	\$												
			JORDAN (Ct'd)											
			MATERNAL AND CHILD HEALTH (Ct'd)											
			<u>Assistance to Children's Hospital, Amman</u> Jordan-24	P2			1x12m	1x9m						
			P.H. & Paediatric Nurse Salaries, Allowances, Travel Supplies and Equipment Fellowships				6,486	5,172						
							2,000	5,000						
			Total				8,486	10,172	5,000					
			MENTAL HEALTH											
3,454			<u>Mental Health</u> Jordan-10											
			EDUCATION AND TRAINING											
10,000	5,000	5,000	<u>Fellowships</u> Jordan-18											
			<u>Fellowships</u> Jordan-19				5,000	14,000	12,000	10,000	10,000			
			OTHER PROJECTS											
			<u>Production of Vaccine and Anti-Sera</u> Jordan-23	P4										
	1x12m	1x12m	Bacteriologist Salaries, Allowances, Travel Supplies and Equipment											
	11,775	11,383												
	500	1,000												
	12,275	12,383	Total											
20,054	29,550	31,866	TOTAL JORDAN				60,175	56,432	54,316	20,172	15,000	60,000	44,000	25,000

+40,000 +33,000

+Allocated by the UNICEF Executive Board.

L E B A N O N

MALARIA

See MESA Annex

VIRUS DISEASES

Communicable Eye Diseases Control (TA-II) Lebanon 18

The Government has requested WHO to assist its health services in its campaign against communicable eye diseases. Subject to the availability of funds, a consultant ophthalmologist will be provided for one month in 1960 and 1961 (estimated cost, 1961, \$1,174).

LEPROSY

Leprosy Control (TA-II)

Lebanon 32

The Government has requested WHO to provide the services of a short-term consultant in leprosy control to study the question of the epidemiology of leprosy in the Lebanon. Subject to the availability of funds, a consultant will visit the Lebanon for one month in both 1960 and 1961 (estimated cost, 1961, \$1,174).

Supplies and equipment in the amount of \$500 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES		Grade	Technical Assistance				Extra-Budgetary			
						Category I			Category II		59	60	61
59	60	61				59	60	61	60	61	59	60	61
\$	\$	\$				\$	\$	\$	\$	\$	\$	\$	\$
			LEBANON										
			MALARIA										
			See MESA Annex										
			TUBERCULOSIS										
			<u>Tuberculosis Control</u>	Lebanon-16		2,460							
			VIRUS DISEASES										
			<u>Communicable Eye Diseases</u>										
			<u>Control</u>	Lebanon-18					lxlm	lxlm			
			Consultant										
			Total						1,174	1,174			
			LEPROSY										
			<u>Leprosy Control</u>	Lebanon-32					lxlm	lxlm			
			Consultant						1,174	1,174			
			Fees and Travel						500	500			
			Supplies and Equipment										
			Total						1,674	1,674			

L E B A N O N
(continued)

PUBLIC HEALTH ADMINISTRATION

Rural Health Unit (TA-I)

Lebanon 4

This is the continuation of a project which started in 1957. The purpose is to help the Government develop and organize rural health services, and later to establish a province-wide service and a provincial health department.

A public health adviser was provided in 1958 but circumstances prevented the full implementation of the project until 1959 when the WHO team expects to commence operations.

A public health adviser, a public health engineer, and a public health nurse will be continued through 1961 (estimated cost \$26,440). Supplies and equipment in the amount of \$500 are also included.

DENTAL HEALTH

Dental Health (TA-II)

Lebanon 34

The Government is planning to reorganize the dental health services of the country and has requested WHO to provide a consultant to make a preliminary survey. If funds become available provision is made for a one-month survey by a consultant in both 1960 and 1961 (estimated cost, 1961, \$1,174). Supplies and equipment in the amount of \$500 are also included.

SOCIAL AND OCCUPATIONAL HEALTH

Industrial and Occupational Health (TA-II) Lebanon 25

On the recommendations of a WHO consultant who visited the Lebanon in 1957, it is proposed to provide assistance in developing a programme of industrial hygiene services. A small institute of occupational health is planned to be established as a branch of the central public laboratory and, if funds are available, a short-term consultant will be assigned for two months in 1960 and 1961 (estimated cost, 1961, \$2,347). Supplies and equipment in the amount of \$1,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			LEBANON (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			<u>Rural Health Unit</u> Lebanon-4									
			P.H. Adviser	P4		1x12m	1x12m					
			P.H. Engineer	P4		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			Salaries, Allowances, Travel			24,192	26,440					
			Supplies and Equipment			*2,500	500					
			Total			11,265	26,692	26,940				
			DENTAL HEALTH									
			<u>Dental Health</u> Lebanon-34									
			Consultant					1x1m	1x1m			
			Fees and Travel					1,174	1,174			
			Supplies and Equipment					500	500			
			Total					1,674	1,674			
			SOCIAL AND OCCUPATIONAL HEALTH									
			<u>Industrial & Occupational Health</u> Lebanon-25									
			Consultant					1x2m	1x2m			
			Fees and Travel					2,347	2,347			
			Supplies and Equipment					1,000	1,000			
			Total					3,347	3,347			

* Russian Roubles \$2,000.

L E B A N O N
(continued)

MATERNAL AND CHILD HEALTH

School Health Services (TA-II) Lebanon 23

It is proposed to provide a consultant under TA-II for three months in both 1960 and 1961 (estimated cost, 1961, \$3,521), to make a survey of school health services in the Lebanon, and to advise the Government accordingly. Supplies and equipment in the amount of \$500 are also included.

Midwifery School (TA-I) Lebanon 33

This is the continuation of a project planned to start in 1960 with assistance from WHO. Its object is to establish a midwifery training programme which will prepare nursing and auxiliary personnel to assume fuller responsibilities for maternal and child care in the public health services. Provision is made to continue the services of the public health nurse-midwife tutor for twelve months in 1961 (estimated cost \$6,412).

EDUCATION AND TRAINING

Assistance to the French University of Beirut Lebanon 12

This is the continuation of a project which was first started in 1952 when WHO provided the Faculty of Medicine of the French University of Beirut with a lecturer in public health. With some interruptions, the services of a lecturer have been continued for two months each year, stimulating the interest in public health and the preventive aspects of medical work. The services of a consultant are budgeted for two months in 1961 (estimated cost \$2,600).

Fellowships Lebanon 26

Provision is made for postgraduate and observational studies in specialized fields of public health as well as for attendance at educational meetings (\$8,000).

Fellowships (TA-I and TA-II) Lebanon 27

Provision is made to cover fellowships for advanced studies in various public health fields (TA-I, \$4,500 and TA-II, \$7,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
					59	60	61	60	61			
\$	\$	\$		\$	\$	\$	\$	\$	\$	\$		
			LEBANON (Ct'd)									
			MATERNAL AND CHILD HEALTH									
			<u>School Health Services</u> Lebanon-23									
			Consultant				1x3m	1x3m				
			Fees and Travel				3,521	3,521				
			Supplies and Equipment				500	500				
			Total				4,021	4,021				
			<u>Midwifery School</u> Lebanon-33									
			Midwife Tutor	P2		1x12m	1x12m					
			Total		2,000	5,682	6,412					
			EDUCATION AND TRAINING									
			<u>Assistance to the French University of Beirut</u> Lebanon-12									
	1x2m	1x2m	Consultant									
3,800	2,600	2,600	Total									
13,000	8,000	8,000	<u>Fellowships</u> Lebanon-26									
			<u>Fellowships</u> Lebanon-27		13,000	5,500	4,500	7,000	7,000			

L E B A N O N
(continued)

EDUCATION AND TRAINING (continued)

Assistance in Public Health Training to Lebanon 39
American University, Beirut

This is the continuation of a project due to start in 1959. WHO, in agreement with the Government and the American University, Beirut, proposes to strengthen and develop further the existing training in undergraduate sanitary engineering in the American University, Beirut. The newly established sanitary engineering laboratory will provide facilities for conducting and promoting research. The School of Engineering will cooperate closely with the School of Public Health in this project to strengthen the teaching programme of both schools.

Provision is made for a sanitary engineering professor through 1960 and for six months in 1961 (estimated cost, 1961, \$6,407).

OTHER PROJECTS

Medical Use of Radio-Isotopes Lebanon 24

The Government is planning in cooperation with the Universities in Beirut to arrange a short training course in the medical use of radio-isotopes. The assistance of WHO was requested and a consultant will be provided for two months in 1961 (estimated cost \$2,600) to assist in teaching at the national training course. The sum of \$5,000 is also provided for fellowships.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			LEBANON (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
			<u>Assistance in Public Health Training to American University, Beirut</u> Lebanon-39									
	1x12m	1x6m	P.H. Engineer	P4								
5,500	11,069	6,407	Total									
			OTHER PROJECTS									
			<u>Medical Use of Radio-isotopes</u> Lebanon-24									
	1x2m		Consultant									
	2,600		Fees and Travel									
	5,000		Fellowships									
	7,600		Total									
22,300	21,669	24,607	TOTAL LEBANON		28,725	37,874	37,852	18,890	18,890			

L I B Y A

MALARIA

See MESA Annex

NURSINGNursing Education, Tripoli

Libya 3

This project was started in 1956 with the help of WHO, its object being to develop the first basic school of nursing in the country.

Provision is made in 1961 for the continuation of one senior nurse educator and three junior nurse educators (estimated cost \$28,968). The team will assist in implementing a plan of studies to prepare nurses for work in the preventive and curative health services of the country. Teaching equipment in the amount of \$500 will also be provided.

MATERNAL AND CHILD HEALTHMaternal and Child Health, Tripolitania

Libya 2

This is the continuation of a project started in 1954 to demonstrate modern methods of maternal and child care, and to assist the Government in training auxiliary maternal and child health personnel. The services of the WHO team consisting of a public health nurse-midwife and a public health nurse will be continued through 1960.

Provision is made to retain the services of only the nurse-midwife through 1961 (estimated cost \$8,175).

Supplies and equipment provided by UNICEF are shown under Extra-Budgetary Funds.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary				
59	60	61			Category I			Category II		59	60	61		
\$	\$	\$			59	60	61	60	61	\$	\$	\$		
			LIBYA											
			MALARIA											
			See MESA Annex											
			NURSING											
			<u>Nursing Education, Tripoli</u>											
			Libya-3											
	1x12m	1x12m	Senior Nurse Educator	P3										
	3x12m	3x12m	Nurse Educator	P1										
	26,569	28,968	Salaries, Allowances, Travel											
	1,000	500	Supplies and Equipment											
	27,569	29,468	Total			29,785								
			MATERNAL AND CHILD HEALTH											
			<u>Maternal and Child Health,</u>											
			<u>Tripolitania</u>											
			Libya-2											
	1x12m	1x12m	Nurse Midwife	P2										
	1x12m		P.H. Nurse	P2										
	16,285	8,175	Salaries, Allowances, Travel											
			Supplies and Equipment											
	15,600	16,285	Total											

⁺Allocated by the UNICEF Executive Board. ^STotal UNICEF MCW Country Allocation.

L I B Y A
(continued)

MATERNAL AND CHILD HEALTH (continued)

Maternal and Child Health, Cyrenaica (TA-I) Libya 12

This project was started in 1956 to demonstrate modern methods of midwifery and maternal and child care and to train auxiliary personnel in ante-partum, post-partum and midwifery techniques and in the care of children and infants.

The services of the senior adviser, nurse-midwife and public health nurse budgeted for 1960 will be reduced in 1961 to include only those of the two nurses, each for twelve months (estimated cost \$15,963).

Supplies and equipment in the amount of \$500 are also included.

NUTRITION

Nutrition Survey (TA-II) Libya 20

Recent nutrition surveys in Libya carried out by an FAO expert and by the United States Interdepartmental Committee on Nutrition for the Armed Forces have indicated that there is a severe overall incidence of malnutrition in Libya, with protein malnutrition, rickets, ariboflavinosis in the child population, and general malnutrition in the adult population, and have recommended that future studies in this field should be made. The Government has requested WHO assistance in the making of such studies. Subject to the availability of funds, a nutritionist and a dietician will be provided for nine months during 1960 to survey the state of nutrition of the population, paying special attention to the vulnerable groups (pregnant and lactating women, infants, and children of pre-school age). The surveys will cover all seasons of the year in statistically selected population groups, and will include dietary surveys in the same groups.

Provision is made to continue the services of the senior adviser, who will be a clinical nutritionist, and the dietician, for twelve months each in 1961 (estimated cost \$21,822). Supplies and equipment in the amount of \$1,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
					59	60	61	60	61			
\$	\$	\$										
			LIBYA (Ct'd)									
			MATERNAL AND CHILD HEALTH (Ct'd)									
			Maternal and Child Health, Cyrenaica									
			Libya-12									
			Senior Adviser	P4		1x12m						
			Nurse Midwife	P2		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			Salaries, Allowances, Travel			29,221	15,963					
			Supplies and Equipment			*5,500	500					
			Total			28,800	34,721	16,463				
			NUTRITION									
			Nutrition Survey									
			Libya-20									
			Nutritionist	P4			1x9m	1x12m				
			Dietician	P3			1x9m	1x12m				
			Salaries, Allowances, Travel				17,766	21,822				
			Supplies and Equipment				1,000	1,000				
			Total				18,766	22,822				

* Russian Roubles ₪ 5,000.

L I B Y A
(continued)

EDUCATION AND TRAINING

Health Assistants' and Sanitarians'
Institute, Benghazi (TA-I) Libya 7

An institute for training health assistants and sanitarians from the three provinces of Libya was set up in 1956 with the assistance of WHO, UNICEF providing the necessary supplies and equipment. The first course of training began in March 1957.

A team consisting of a public health adviser (Director of the Institute), a medical officer and a sanitarian budgeted in 1960 will be augmented by a laboratory technician in 1961 (estimated cost \$42,435).

Supplies and equipment in the amount of \$6,000, including \$5,000 in Russian roubles, will be provided.

EDUCATION AND TRAINING (continued)

Fellowships Libya 14

Provision is made for the continuation of undergraduate fellowships awarded in previous years and possibly new awards for long-term graduate studies in medicine and allied fields (\$10,000).

Fellowships (TA-I and TA-II) Libya 15

Provision is made for undergraduate fellowships as well as for postgraduate and observational studies in various fields of public health (TA-I, \$6,000 and TA-II, \$10,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			LIBYA (Ct'd)									
			EDUCATION AND TRAINING									
			<u>Health Assistants' and Sanitarians'</u>									
			<u>Institute, Benghazi</u> Libya-7									
			P.H. Adviser	P4		1x12m	1x12m					
			Medical Officer	P3		1x12m	1x12m					
			Sanitarian	P2		1x12m	1x12m					
			Laboratory Technician	P2			1x12m	1x9m				
			Salaries, Allowances, Travel			31,870	42,435	6,257				
			Supplies and Equipment			800	*6,000					
			Total			27,910	32,670	48,435	6,257			
15,000	5,000	10,000	<u>Fellowships</u> Libya-14									
			<u>Fellowships</u> Libya-15			3,500	6,000	10,000	10,000			
30,600	48,854	47,643	TOTAL LIBYA			86,495	70,891	70,898	35,023	32,822	32,000	20,000

* Russian Roubles \$ 5,000.

P A K I S T A N

MALARIA

See MESA Annex

TUBERCULOSIS

Tuberculosis Control (Prevalence Survey) Pakistan 32

It is expected that this project will start in September 1959 when the WHO survey team, together with a national survey team, will undertake a survey, starting in West Pakistan, to obtain information on the epidemiological pattern of tuberculosis in the population. The team will assist in re-orienting the already-existing national BCG mass campaign and implementing a pilot tuberculosis control scheme where local personnel will be trained in tuberculosis control techniques to be used later in a nation-wide tuberculosis control programme. An Epidemiological and Statistical Centre, to be established at the same time, with trained national personnel, will undertake the planning and coordination of all tuberculosis projects, and the processing, analysis, and reporting of data collected in these tuberculosis projects. The WHO team, consisting of a WHO senior adviser, a statistician, a public health nurse and an X-ray technician will continue through 1960 and for nine months in 1961 (estimated cost, 1961 \$ 34,540). Supplies and equipment in the amount of \$ 1,000 will also be provided. UNICEF will provide equipment and supplies (see under Extra-Budgetary Funds).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			PAKISTAN									
			MALARIA									
			See LESM Annex									
			TUBERCULOSIS									
			<u>TB Control (Prevalence Survey)</u>									
			Pakistan-32									
	1x12m	1x9m	Senior TB Adviser	P4								
	1x12m	1x9m	Statistician	P3								
	1x12m	1x9m	P. . . nurse	P2								
	1x12m	1x9m	X-Ray Technician	P2								
	42,041	34,540	Salaries, Allowances, Travel									
	1,000	1,000	Supplies and Equipment								+31,000	
18,000	43,041	35,540	Total									
			VENEREAL DISEASES & CREPONENTATOSES									
			<u>VD Control Demonstration and</u>									
			<u>Training Centre, Chittagong</u>									
			Pakistan-16				13,246					
			LEPROSY									
			<u>Leprosy Control</u>								ø	
			Pakistan-39									
1,500												

ø UNICEF assistance is anticipated.

+ Allocated by the UNICEF Executive Board.

P A K I S T A N
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health Institute, East Pakistan Pakistan 33
(TA-I)

This is the continuation of a project which is expected to start in 1959 for the purpose of developing an epidemiological and bacteriological department in the Dacca Public Health Institute. This Institute has already had assistance from bi-lateral agencies for the training of sanitarians and for the production of small-pox vaccine. It is envisaged that the bacteriologist will train national personnel in bacteriological and clinical laboratory methods, and the epidemiologist will continue the establishment of the epidemiological department and conduct field surveys.

The services of the bacteriologist and epidemiologist will be continued through 1960 and for six months in 1961 (estimated cost, 1961 \$ 11,550). Supplies and equipment in the amount of \$ 5,500 will also be given including \$5,000 in Russian roubles).

VITAL AND HEALTH STATISTICS

Vital and Health Statistics Pakistan 43
(TA-I)

The Government requested assistance from WHO in strengthening their Vital and Health Statistics services. For this purpose, a statistician is provided for nine months in 1961 (estimated cost \$ 7,337). Supplies and equipment in the amount of \$ 1,000 are included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			PAKISTAN (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			<u>P.H. Institute, East Pakistan</u> Pakistan-33									
			Bacteriologist	P4		1x12m	1x6m					
			Epidemiologist	P4		1x12m	1x6m					
			Salaries, Allowances, Travel			20,696	11,550					
			Supplies and Equipment			3,500	*5,500					
			Total			7,000	24,196	17,050				
			VITAL AND HEALTH STATISTICS									
			<u>Vital and Health Statistics</u> Pakistan-43									
			Statistician	P3			1x9m					
			Salaries, Allowances, Travel				7,337					
			Supplies and Equipment				1,000					
			Total				8,337					
			NURSING									
			<u>Nursing Adviser to Central</u> <u>Government</u> Pakistan-21			13,860						

*Russian Roubles \$ 5,000

P A K I S T A N
(continued)

NURSING

Nursing Education, East Pakistan Pakistan 30

This project was started in 1958 to assist the Government in the advancement of nursing and midwifery education and services through consultative services on the provincial level in East Pakistan. Junior grade schools (nursing and midwifery) are to be up-graded to professional level and the training of assistant nurses will commence. The services of two nurse educators are budgeted for 1960 and 1961 (estimated cost, 1961 \$ 19,962).

Nursing Education, West Pakistan (TA-I) Pakistan 44

The Government has requested assistance in furthering the development of health services by strengthening nurse training to improve nursing service. This project is scheduled to begin in April 1961 in Jinnah Hospital, Karachi. Provision is made for the services of two nurse educators for nine months each in 1961 (estimated cost \$ 10,618). Supplies and equipment in the amount of \$ 1,000 are included.

MATERNAL AND CHILD HEALTH

Children's Hospital, Karachi Pakistan 23

This is the continuation of a project which started in 1956 to assist the Government in establishing and operating a children's hospital with facilities for paediatric teaching in medicine and nursing. WHO has provided the services of a senior adviser (paediatrician) and a paediatric nurse who will be continued for eight months in 1961 (estimated cost \$ 15,168). The project includes a surgical unit to train staff for which WHO has provided fellowships.

UNICEF has provided most of the supplies and equipment (see under Extra-Budgetary Funds).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary		
							Category I			Category II		59	60
59	60	61					59	60	61	59	60	61	
\$	\$	\$					\$	\$	\$	\$	\$	\$	
			PAKISTAN (Ct'd)										
			NURSING (Ct'd)										
			<u>Nursing Education, East</u>										
			<u>Pakistan</u>		Pakistan-30								
	1x12m	1x12m	Senior Nurse Educator			P3							
	1x12m	1x12m	Nurse Educator			P2							
	16,502	19,962	Salaries, Allowances, Travel										
			Supplies and Equipment									5,000	
	10,160	16,502	Total										
			<u>Nursing Education, West</u>										
			<u>Pakistan</u>		Pakistan-44								
			Nurse Educators			P2			" "	2x9m			
			Salaries, Allowances, Travel									10,618	
			Supplies and Equipment									1,000	
			Total									11,618	
			MATERNAL AND CHILD HEALTH										
			<u>Children's Hospital, Karachi</u>										
					Pakistan-23								
	1x12m	1x8m	Senior Paediatrician			P4							
	1x12m	1x8m	Senior Paediatric Nurse			P3							
	22,159	15,168	Salaries, Allowances, Travel										
			Supplies and Equipment										
	18,200	22,159	Total									\$73,000	
												\$74,500	
												\$150,000	

*Allocated by the UNICEF Executive Board. § Total UNICEF LDC Country Allocation.

P A K I S T A N
(continued)

NUTRITION

Assistance to Nutrition Institute (TA-I) Pakistan 38

It is proposed to assist the Pakistan Government by strengthening the Nutrition Institute in Karachi, which came into existence in the latter part of 1958. WHO will provide a public health nutritionist for nine months in 1961 (estimated cost \$ 8,533). Supplies and equipment in the amount of \$ 2,000 are also included.

ENVIRONMENTAL SANITATION

Sanitary Engineer, West Pakistan (TA-I) Pakistan 22

This is the continuation of a project started in 1957 to assist the Government in coordinating and reorganizing the sanitary engineering services and activities in Pakistan.

It is proposed to continue the services of the sanitary engineer provided for this post through 1961 (estimated cost \$ 16, 977). Supplies and equipment in the amount of \$ 500 are also included.

EDUCATION AND TRAINING

Fellowships Pakistan 27

Provision is made for fellowships in various fields of public health for postgraduate and observational studies as well as for attendance at educational meetings (\$ 5,000).

Fellowships (TA-II) Pakistan 28

Provision is made for postgraduate studies in various specialized fields of public health (\$ 10,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			PAKISTAN (Ct'd)									
			NUTRITION									
			Assistance to Nutrition									
			<u>Institute</u> Pakistan-38									
			Nutritionist	P4			1x9m					
			Salaries, Allowances, Travel				8,533					
			Supplies and Equipment				2,000					
			Total				10,533					
			ENVIRONMENTAL SANITATION									
			<u>Sanitary Engineer, West</u>									
			<u>Pakistan</u> Pakistan-22									
			Sanitary Engineer	P5			1x12m	1x12m				
			Salaries, Allowances, Travel				13,636	16,977				
			Supplies and Equipment				2,500	500				
			Total				15,000	16,136	17,477			
			EDUCATION AND TRAINING									
			<u>Physiotherapy School, Karachi</u>									
			Pakistan-25									
		1x12m	Physiotherapist	P3								
9,760	9,645		Total									
			Fellowships									
16,000	5,000	5,000	Pakistan-27									
			Fellowships									
			Pakistan-25									
									10,000	10,000		

The brace shop assigned to UNICEF & UN Bureau of Social Affairs

P A K I S T A N
(continued)

EDUCATION AND TRAINING (continued)

Assistance to Medical Schools,
West Pakistan

Pakistan 37

The Government has requested assistance in strengthening the teaching in the Khyber Medical College, especially in the basic medical sciences as well as in the fields of public health and preventive medicine. This project is scheduled to start in 1960 when a consultant will visit the country to make a preliminary survey. It will be continued in 1961 with WHO providing the services of a visiting professor for twelve months and a consultant for six months (estimated cost \$ 22,023).

Assistance to Medical Schools,
East Pakistan

Pakistan 45

The Government of Pakistan has decided to up-grade several of their teaching institutions so that they may give full medical training. To assist in this up-grading, WHO assistance has been requested for 1961. In that year, two of the schools, Chittagong and Rajhahi, will be assisted by two visiting professors for three months each (estimated cost \$ 7,800).

It is expected that the Government will also obtain funds from bi-lateral agencies.

OTHER PROJECTS

Assistance in Prosthetic Appliances
(TA-I)

Pakistan 42

The Government has requested assistance to produce locally prosthetic appliances for the purpose of providing better medical rehabilitation facilities. To assist in this project, which will be established at the Jinnah Central Hospital, provision has been made for a brace-maker expert for six months in both 1960 and 1961 (estimated cost, 1961 \$ 4,858). This expert will work in close cooperation with the Pakistan 25 project (Physiotherapy School, Karachi).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61	
\$	\$	\$			59	60	61	60	61	\$	\$	\$	
			PAKISTAN (Ct'd)	P5									
			EDUCATION AND TRAINING (Ct'd)										
			Assistance to Medical Schools										
			West Pakistan Pakistan-37										
		1x12m	Visiting Professor										
	1x4m	1x6m	Consultant										
	5,200	22,023	Total										
			Assistance to Medical Schools										
			East Pakistan Pakistan-45										
		2x3m	Consultants										
		7,800	Total										
			OTHER PROJECTS	P3									
			Assistance in Prosthetic										
			Appliances Pakistan-42										
			Brace maker Expert			1x6m	1x6m						
			Salaries, Allowances, Travel			*5,358	4,858						
			Supplies and Equipment		4,000								
			Total		9,358	4,858							
73,620	101,547	105,493	TOTAL PAKISTAN		49,106	49,690	69,873	10,000	10,000	73,000	105,500	155,000	

* Russian Roubles \$ 2,000.

S A U D I A R A B I A

MALARIA

See MESA Annex

TUBERCULOSIS

Tuberculosis Control Saudi Arabia 13

The purpose of this project is to assist the Government in establishing a Tuberculosis Section in the Ministry of Health, one or more tuberculosis centres for demonstration and training of tuberculosis control methods, and a BCG vaccination campaign. Local health personnel will be trained in all the various aspects of the work, and will also assist in a prevalence survey to be initiated by the EMRO Prevalence Survey Team.

The project is expected to start in late 1959. A WHO team consisting of a senior adviser, an X-ray technician and a public health nurse will be provided in 1960 and 1961 (estimated cost 1961, \$ 36,323). Supplies and equipment in the amount of \$ 1,000 are also included.

VIRUS DISEASES

Communicable Eye Diseases Control (TA-II) Saudi Arabia 20

The Government has asked WHO to assist in surveying the incidence of trachoma, especially in the western part of the country. It is planned that an ophthalmologist should begin with a survey in 1960 and continue with a pilot project in places indicated by the survey. Subject to the availability of funds, provision is made for the ophthalmologist for nine months in 1960 and for twelve months in 1961 (estimated cost, 1961 \$ 11,729). Supplies and equipment in the amount of \$ 1,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SAUDI-ARABIA									
			MALARIA									
			See NESA Annex			12,050						
			TUBERCULOSIS									
			<u>Tuberculosis Control</u>									
			Saudi-Arabia-13									
	1x12m	1x12m	Senior Advisor	P4								
	1x12m	1x12m	X-Ray Technician	P2								
	1x12m	1x12m	P.H. Nurse	P1								
	36,755	36,323	Salaries, Allowances, Travel									
	1,000	1,000	Supplies and Equipment									
	1,500	37,755	Total									
			VIRUS DISEASES									
			<u>Communicable Eye Diseases</u>									
			<u>Control</u> Saudi-Arabia-20									
			Ophthalmologist	P4			1x9m	1x12m				
			Salaries, Allowances, Travel				9,488	11,729				
			Supplies and Equipment					1,000				
			Total				9,488	12,729				

S A U D I A R A B I A
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health Laboratory

Saudi Arabia 7

Under this programme, which began in 1959, WHO is assisting the Government in setting up a public health laboratory located in the King Saud Hospital in Riad. After the visit of a WHO regional expert early in 1959, the laboratory was furnished and equipped by the Government and WHO. The services of the medical officer and the laboratory technician provided for 1960 will be continued through 1961 (estimated cost \$ 23,833). Supplies and equipment in the amount of \$ 500 are also included.

MATERNAL AND CHILD HEALTH

Maternal and Child Health (TA-I)

Saudi Arabia 11

The Government has requested WHO assistance in establishing a maternal and child health centre to demonstrate modern methods of maternal and child care and to train maternal and child health workers in pre-natal and post-natal care, midwifery and the care of infants and children. The project is scheduled to start in 1960 with WHO providing a team consisting of a senior adviser (social paediatrician), a public health nurse and a public health nurse-midwife for three months in 1960 and twelve months in 1961 (estimated cost, 1961 \$ 22,193). Supplies and equipment in the amount of \$ 1,000 will also be provided.

ENVIRONMENTAL SANITATION

Environmental Sanitation (TA-I and TA-II)

Saudi Arabia 5

This is the continuation of a project which started in 1958 to assist the Government in organizing and developing a programme of environmental sanitation work. To advise in the special field of waste disposal (sewerage), the Government has requested an expert in this area for six months in 1960. He is also budgeted for twelve months in 1961 under TA-II (estimated cost \$ 11,165). The services of the sanitary engineer will be continued through 1960 and 1961 under TA-I (estimated cost, 1961 \$ 12,363). Supplies and equipment in the amount of \$ 500 will also be provided.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SAUDI-ARABIA (Ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			<u>P.H. Laboratory</u> Saudi-Arabia-7									
	1x12m	1x12m	Medical Officer	P4								
	1x12m	1x12m	Laboratory Technician	P2								
	24,245	23,833	Salaries, Allowances, Travel									
	500	500	Supplies and Equipment									
	1,500	24,745	Total									
			INTERNAL AND CHILD HEALTH									
			<u>Internal and Child Health</u>									
			Saudi-Arabia-11									
			Senior Adviser	P4		1x3m	1x12m					
			P.H. Nurse	P1		1x3m	1x12m					
			Nurse Indwife	P1		1x3m	1x12m					
			Salaries, Allowances, Travel			8,714	22,193					
			Supplies and Equipment			1,000	1,000					
			Total			9,714	23,193					
			ENVIRONMENTAL SANITATION									
			<u>Environmental Sanitation</u>									
			Saudi-Arabia-5									
			Sanitary Engineer	P4		1x12m	1x12m					
			Sewage Disposal Expert	P4				1x6m	1x12m			
			Salaries, Allowances, Travel			12,550	12,363	6,793	11,165			
			Supplies and Equipment			500	500					
			Fellowships					6,000				
			Total			15,790	13,050	12,793	11,165			

S A U D I A R A B I A
(continued)

EDUCATION AND TRAINING

Health Assistants' and Sanitarians'
Institute, Riad Saudi Arabia 15

This project, started in December 1958 for the purpose of helping establish a school for training health assistants and sanitarians to staff the rural health centres and mobile health units, is expected to continue for five years.

Provision is made in 1961 to retain the team, consisting of a medical officer as senior adviser, a sanitarian tutor and a nurse (estimated cost \$ 32,622).

Fellowships Saudi Arabia 17

Provision is made for a postgraduate fellowship and observational studies in various fields of public health (\$ 2,000).

Fellowships (TA-II) Saudi Arabia 18

Subject to the availability of funds, an amount of \$ 2,500 is provided for financing the continuation of previously awarded undergraduate fellowships in medicine and allied fields.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SAUDI-ARABIA (Ct'd)									
			EDUCATION AND TRAINING									
			Health Assistants' & Sanitarians'									
			<u>Institute, Mad</u> Saudi-Arabia-15									
	1x12m	1x12m	Senior adviser	P4								
	1x12m	1x12m	Sanitarian Tutor	P1								
	1x12m	1x12m	P.H. Nurse	P1								
	31,769	32,622	Salaries, Allowances, Travel									
	1,000		Supplies and Equipment									
	28,084	32,769	Total									
	13,000	2,000	<u>Fellowships</u> Saudi-Arabia-17									
			<u>Fellowships</u> Saudi-Arabia-18			4,000	3,000	2,500				
			OTHER PROJECTS									
			<u>Blood Bank, Mad</u> Saudi-Arabia-22									
			Consultant			1x3m						
			Total			2,500	3,352					
	44,084	97,269	TOTAL SAUDI-ARABIA			30,340	30,116	36,056	25,281	26,394		

S O M A L I A

MALARIA

See MESA Annex

TUBERCULOSIS

Tuberculosis Control (TA-I and TA-II) Somalia 11

Under this project, which is to begin in 1959 and terminate at the end of 1961, the WHO team will assist in establishing a Tuberculosis Centre in Mogadiscio for demonstration of tuberculosis control techniques and training of local health personnel. During the second year a prevalence survey will be undertaken, the results of which will be the basis for planning a tuberculosis control programme including mass BCG vaccination in a pilot zone. Counterpart national personnel will be made available for the tuberculosis centre and the survey.

A WHO team consisting of a medical adviser, a public health nurse, and an X-ray technician will continue twelve months in 1961 (estimated cost \$ 26,266).

Supplies and equipment in the amount of \$ 500 are also included. A statistician will also be added to the team for nine months in 1960, to continue through 1961 under TA-II (estimated cost \$ 9,402). UNICEF is expected to provide equipment and supplies (see under Extra-Budgetary Funds).

EDUCATION AND TRAINING

Training of Health Personnel

Somalia 8

This project which came into operation in January 1959, following a preliminary survey in 1958, will be continued for several years with WHO and UNICEF assistance. Its main objective is to consolidate and orient the training of auxiliary personnel for medical and health services in the territory. In 1961, the team provided by the Organization will be continued in full, consisting of a senior adviser (public health medical officer), a nurse educator and a sanitarian tutor (estimated cost \$ 30,254).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SO. ALL.									
			MALARIA									
			See I.E.S.A. Annex									
			TUBERCULOSIS									
			<u>Tuberculosis Control</u> Somalia-11									
			Medical Officer	P4		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			X-Ray Technician	P2		1x12m	1x12m					
			Statistician	P3				1x9m	1x12m			
			Salaries, Allowances, Travel			24,047	26,266	7,760	9,402			
			Supplies and Equipment			300	500			+40,000	+33,000	
			Total			8,165	24,347	26,766	7,760	9,402		
			EDUCATION AND TRAINING									
			<u>Training of Health Personnel</u>									
			Somalia-8									
	1x12m	1x12m	P.H. Adviser	P4								
	1x12m	1x12m	Nurse Educator	P2								
	1x12m	1x12m	Sanitarian Tutor	P2								
	27,902	30,254	Salaries, Allowances, Travel									
	500		Supplies and Equipment								25,000	
	18,387	28,402	30,254									
			Total									

* Allocated by the UNICEF Executive Board

S O M A L I A
(continued)

EDUCATION AND TRAINING (continued)

Fellowships

Somalia 9

Provision is made to cover expenses for postgraduate studies and observations in various fields of public health (\$ 6,000).

Fellowships (TA-II)

Somalia 10

An amount of \$ 2,500 is provided in 1961 for the award of long-term fellowships for undergraduate studies in medicine and allied fields.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SOMALIA (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
10,000	6,000	6,000	<u>Fellowships</u> Somalia-9									
			<u>Fellowships</u> Somalia-10		8,000		4,500	2,500				
28,387	34,402	36,254	TOTAL SOMALIA		16,165	24,347	26,766	12,260	11,902	40,000	33,000	25,000

S U D A N

MALARIA

See MESA Annex

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SUDAN									
			MALARIA									
			See MESA Annex				43,385	18,683	19,550	5,175	++5,922	
			TUBERCULOSIS									
13,810			<u>Tuberculosis Control (BCG)</u> Sudan-3								15,000	
			<u>TB Control Demonstration and Training Centre, Wad Medani</u> Sudan-9									
			Senior Adviser	P4								
			X-ray Technician	P2								
			Laboratory Technician	P2								
			P.H. Nurse	P2								
			Total				42,305	30,308				
			VEGETAL DISEASES AND TREPODYMATOSIS									
7,000			<u>V.D. Control</u> Sudan-16									
			ENDEMO-EPIDEMIC DISEASES									
1,000	1,000		<u>Trypanosomiasis Control</u> Sudan-8									

++ Reimbursable from Funds in Trust

S U D A N
(continued)

ENDEMO-EPIDEMIC DISEASES

Onchocerciasis Control

Sudan 26

Onchocerciasis is highly prevalent in some areas in South Sudan where the incidence of infection may be as high as eighty per cent and blindness is very common. To combat this disease the Government expects to start a control programme in 1960 after preliminary surveys by a WHO ophthalmological consultant scheduled for late 1959. The services of an entomologist budgeted by WHO in 1960 will be continued through 1961 (estimated cost \$ 11,886).

Supplies and equipment in the amount of \$ 500 are also included.

Kala-Azar Control

Sudan 31

In view of the abnormal increase in incidence of Kala-azar during the last three years and its spread in new areas in the country the Government of the Sudan requested the assistance of WHO in a campaign for the control of the disease.

It is proposed that an epidemiologist and an entomologist be assigned to this country to carry out investigations in the Fung area, the most heavily kala-azar infected region of the country and to advise the Government on launching a campaign against the disease.

Provision is made for the services of an epidemiologist and an entomologist for twelve months in 1961 (estimated cost \$ 22,755).

ENDEMO-EPIDEMIC DISEASES (continued)

Kala-Azar Control (continued)

Sudan 31

Provision is also made for supplies and equipment in the amount of \$ 1,000.

The Government will request the assistance of UNICEF to provide vehicles, diagnostic equipment and drugs.

VIRUS DISEASES

Communicable Eye Diseases Control (TA-II)

Sudan 15

The regional adviser on trachoma will carry out a short-term survey on trachoma in the Sudan, scheduled for 1960, to assess the extent of the disease and draw up plans for control work to be undertaken. Subject to the availability of funds, provision is made for an ophthalmologist and a public health nurse to work three months in 1960 and twelve months in 1961 (estimated cost, 1961 \$ 16,663).

Provision is also made for supplies and equipment in the amount of \$ 500.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			SUDAN (Ct'd)									
			ENDEMO-EPIDEMIC DISEASES (Ct'd)									
			<u>Onchocerciasis Control</u> Sudan-26	P4 P3	P3							
	1x12m	1x12m	Entomologist									
	11,127	11,886	Salaries, Allowances, Travel									
	500	500	Supplies and Equipment									
7,000	11,627	12,386	Total									
			<u>Kala-Azar Control</u> Sudan-31	P4 P3								
	1x12m		Epidemiologist									
	1x12m		Entomologist									
	22,755		Salaries, Allowances, Travel									
	1,000		Supplies and Equipment									
	23,755		Total									
			VIRUS DISEASES									
			<u>Communicable Eye Diseases</u>									
			<u>Control</u> Sudan-15	P4 P2								
			Ophthalmologist					1x3m	1x12m			
			P.H. Nurse					1x3m	1x12m			
			Salaries, Allowances, Travel					6,098	16,663			
			Supplies and Equipment					500	500			
			Total				6,598	17,163				

S U D A N
(continued)

LEPROSY

Leprosy Control

Sudan 12

Leprosy is an important public health programme in the Sudan. It is proposed to assign an expert for nine months in 1961 to help the Government organize its leprosy control services in the light of modern public health concepts of the disease and its treatment (estimated cost \$ 8,360). Provision is also made for supplies and equipment worth \$ 6,000 including \$ 5,000 in Russian roubles.

PUBLIC HEALTH ADMINISTRATION

Rural Health Demonstration Area (TA-I)

Sudan 19

During 1960, the Government of the Sudan expects to establish with the assistance from WHO a rural health demonstration area at El Huda in the Menagil Extension of the Gezira Irrigated Area. This is part of a pilot scheme of community development and the intention is to provide the following facilities at El Huda :

- (a) A dispensary with twenty beds;
- (b) A complete health centre including maternal and child health;
- (c) An agricultural centre concerned with poultry, animal husbandry and milk production;
- (d) A horticultural centre;
- (e) A training centre for social workers and village craftsmen;
- (f) Model housing for workers;
- (g) Schools, including secondary schools.

PUBLIC HEALTH ADMINISTRATION (continued)

Rural Health Demonstration Area (TA-I) (continued)

Sudan 19

This project is being established with a view to ascertaining the most suitable way of carrying out a programme of community development in this economically most important part of the Sudan.

The total population of the Menagil Extension will be approximately 500,000, and once it has been decided on the methods to be applied in community development, the programme will be extended to cover all parts of the Extension.

The project is expected to begin in 1960 with the provision of a WHO team consisting of a public health adviser, a sanitary engineer, a statistician and a public health nurse for three months. The same team will continue for twelve months in 1961 (estimated cost \$ 33,036). Supplies and equipment are also included (\$ 500).

UNICEF has been requested to assist this project with supplies and equipment.

Hospital Administration (TA-I)

Sudan 22

The Government is building many new hospitals according to its approved five-year plan and has requested assistance in building up a modern system of hospital administration.

The project will begin in 1961 when WHO will provide the services of a hospital administrator for three months (estimated cost \$ 3,720).

Supplies and equipment in the amount of \$ 500 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary				
59	60	61			Category I			Category II		59	60	61	
\$	\$	\$			59	60	61	60	61	\$	\$	\$	
			SUDAN (Ct'd)										
			LEPROSY										
			<u>Leprosy Control</u> Sudan-12			P4							
			Medical Officer										
			Salaries, Allowances, Travel										
			Supplies and Equipment										
			Total										
			PUBLIC HEALTH ADMINISTRATION										
			<u>Rural Health Demonstration</u>										
			Area Sudan-19										
			P.H. Adviser			P4		1x3m		1x12m			
			Sanitary Engineer			P4		1x3m		1x12m			
			Statistician			P3		1x3m		1x12m			
			P.H. Nurse			P2		1x3m		1x12m			
			Salaries, Allowances, Travel										
			Supplies and Equipment										
			Total										
			<u>Hospital Administration</u> Sudan-22										
			Hospital Administrator			P4				1x3m			
			Salaries, Allowances, Travel								3,720		
			Supplies and Equipment								500		
			Total								4,220		

* Russian Roubles \$ 5,000. ** Russian Roubles \$ 10,000.

S U D A N
(continued)

PUBLIC HEALTH ADMINISTRATION (continued)

Cancer Institute

Sudan 30

The Government **has plans to** develop a comprehensive cancer treatment unit in Khartoum with complete surgical, radiological and laboratory services. A consultant will visit Sudan in 1959 and beginning in 1960 WHO will provide the services of a radiologist who will continue through 1961 (estimated cost \$ 11,783).

NURSING

Nursing Education, Khartoum

Sudan 7

WHO assistance to the College of Nursing in Khartoum began in 1955. The aim of the College is to prepare Sudanese women for leadership roles in nursing. Due to the need for international personnel to assume total teaching and administrative responsibilities for the project, full assistance will be required until 1962 and partial assistance thereafter for four years.

In 1960, provision is made for five nurse educators for twelve months each and one for six months. In 1961, three nurse educators are budgeted for twelve months each and two for six months each (estimated cost, 1961 \$40,269).

Supplies and equipment (\$ 500) are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary				
59	60	61			Category I			Category II		59	60	61	
\$	\$	\$			59	60	61	60	61	\$	\$	\$	
			SUDAN (Ct'd)										
			PUBLIC HEALTH ADMINISTRATION (Ct'd)										
			<u>Cancer Institute</u> Sudan-30	P4									
	1x12m	1x12m	Radiologist										
1,000	12,175	11,783	Total										
			DENTAL HEALTH										
			<u>Dental Health</u> Sudan-17										
	1x1m		Consultant										
	1,300		Fees and Travel										
	3,000		Supplies and Equipment										
	2,000		Fellowships										
7,025	6,300		Total										
			NURSING										
			<u>Nursing Education, Khartoum</u> Sudan-7										
	1x12m	1x12m	Senior Nurse Educator	P3									
	4x12m	2x12m	Nurse Educator	P2									
	1x6m	2x6m	Nurse Educator	P2									
	44,875	40,269	Salaries, Allowances, Travel										
	1,000	500	Supplies and Equipment										
49,124	45,875	40,769	Total										

†\$20,000 †\$11,000 †\$50,000

* Allocated by the UNICEF Executive Board. ‡ Total UNICEF MCW Country Allocation

S U D A N
(continued)

MATERNAL AND CHILD HEALTH

School Health Services (M-II) Sudan 13

Provision will be made for nine months in 1960 for the services of a social paediatrician to advise on the development of a school of medical and health service. It is proposed to continue the services of this social paediatrician through 1961 (estimated cost \$ 10,225).

EDUCATION AND TRAINING

Fellowships Sudan 24

Provision is made for fellowships for postgraduate and observational studies in various fields of public health as well as to cover the cost of attendance at educational meetings (\$ 5,000).

EDUCATION AND TRAINING (continued)

Fellowships (TA-I) Sudan 25

Provision is made for fellowships in public health fields (\$ 2,000).

Physiotherapy School (TA-II) Sudan 29

The Government has established a school for physiotherapy in Khartoum and has requested WHO assistance for this school which is scheduled to start in 1960. Subject to the availability of funds, it is proposed to continue the services of a physiotherapist budgeted for nine months in 1960 through 1961 (estimated cost, 1961 \$ 8,609).

Equipment and supplies in the amount of \$ 500 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary				
59	60	61			Category I			Category II		70	71	72	
\$	\$	\$			\$	\$	\$	\$	\$	\$	\$	\$	
			SUDAN (Ct'd)										
			MATERNAL AND CHILD HEALTH										
			<u>School Health Services</u> Sudan-13	P4				1x9m	1x12m				
			Social Paediatrician						8,360	10,225			
			Salaries, Allowances, Travel						4,000				
			Supplies and Equipment										
			Total					12,360	10,225				
			EDUCATION AND TRAINING										
15,000	5,000	5,000	<u>Fellowships</u> Sudan-24										
			<u>Fellowships</u> Sudan-25				2,000	5,000					
			<u>Physiotherapy School</u> Sudan-29	P3				1x9m	1x12m				
			Physiotherapist						7,164	8,609			
			Salaries, Allowances, Travel						500	500			
			Supplies and Equipment										
			Total					7,664	9,109				

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary					
59	60	61			Category I			Category II		59	60	61		
\$	\$	\$			59	60	61	60	61	\$	\$	\$		
			SUDAN (Ct'd)											
			OTHER PROJECTS											
	1x3m		<u>Blood Bank</u>											
	3,900		Consultant											
	500		Fees and Travel											
			Supplies and Equipment											
6,270	4,400		Total											
107,229	86,377	93,693	TOTAL SUDAN				85,690	73,380	73,636	36,797	36,497	20,000	16,922	65,000

T U N I S I A

MALARIA

See IESA Annex

TUBERCULOSIS

Tuberculosis Control

Tunisia 24

This project, scheduled to start in 1959 and to terminate in 1961 has as its purpose the creation of a national pilot area project in which practical methods of tuberculosis control will be evolved, and in which local health personnel will be trained. Within the same area, a prevalence survey will be initiated by the ECHO Prevalence Survey Team.

The MIO staff, consisting of a medical officer and an X-ray technician will be continued for nine months in 1961 (estimated cost \$14,875).

Supplies and equipment will be provided in the amount of \$500. UNICEF is expected to provide equipment and supplies (see under Extra-Budgetary Funds).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary		
							Category I			Category II			
59	60	61					59	60	61	60	61	59	60
\$	\$	\$											
			TUNISIA										
			MALARIA										
			See MESA Annex										
			TUBERCULOSIS										
			<u>Tuberculosis Chemotherapy</u>										
			<u>Pilot Project</u> Tunisia-9										
	1x12m		Medical Officer			P4							
	1x12m		Statistician			P3							
	1x12m		Laboratory Technician			P2							
	29,739		Salaries, Allowances, Travel										
	500		Supplies and Equipment									+38,500	
38,995	30,239		Total										
			<u>Tuberculosis Control</u> Tunisia-24										
	1x12m	1x9m	Medical Officer			P4							
	1x12m	1x9m	X-ray Technician			P2							
	17,766	14,875	Salaries, Allowances, Travel										
	1,000	500	Supplies and Equipment									+11,000	
7,500	18,766	15,375	Total									+109,000	

+ Allocated by the UNICEF Executive Board. † Includes BCG

T U N I S I A
(continued)

TUBERCULOSIS (continued)

Tuberculosis Control Demonstration and Training Centre Tunisia 28

It is proposed to establish in Tunisia in 1961 a centre for demonstration and training of tuberculosis public health methods for professional and technical personnel of countries within the Region. The methods include not only those used in static tuberculosis centres but mobile mass tuberculosis control measures (community screening; diagnosis by X-ray, tuberculin-testing, field laboratory; BCG vaccination; domiciliary chemotherapy and chemoprophylaxis; home follow-up and social re-habilitation) prevalence survey techniques, tuberculosis laboratory and research, and statistical analysis and evaluation. These activities will be integrated and coordinated under a centralized unit for planning, coordination, and supervision.

WHO will provide a medical officer, a statistician, a laboratory technician and a public health nurse for twelve months in 1961 (estimated cost \$39,614).

Supplies and equipment in the amount of \$1,000 are also included.

VIRUS DISEASES

Communicable Eye Diseases Control (TA-I) Tunisia 3

This project, started in 1953, will probably continue to receive UNICEF assistance for several years. Since the withdrawal of its permanent personnel in 1957, WHO has continued to supervise and advise the project by sending a short-term consultant ophthalmologist to Tunisia each year. In 1961 also a short-term consultant will visit the country for two months (estimated cost \$2,328).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			TUNISIA (Ct'd)									
			TUBERCULOSIS (Ct'd)									
			<u>TB Control Demonstration and Training Centre</u> Tunisia-28									
		1x12m	Senior Adviser	P4								
		1x12m	Statistician	P3								
		1x12m	Laboratory Technician	P2								
		1x12m	P.H. Nurse	P2								
		39,614	Salaries, Allowances, Travel									
		1,000	Supplies and Equipment									
		40,614	Total									
			ENDEMIC-EPIDEMIC DISEASES									
			<u>Ophthalmological Centre, Tunis</u> Tunisia-22									
		1x12m	Virologist	P4								
		1x12m	Laboratory Technician	P2								
		19,407	Salaries, Allowances, Travel									
		1,000	Supplies and Equipment									
		20,000	Total									
			20,407									
			VIRUS DISEASES									
			<u>Communicable Eye Diseases Control</u> Tunisia-3									
			Consultant			1x2m	1x2m					
			Total			1,450	2,328	2,328				

UNICEF aid continues.

T U N I S I A
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health Laboratory

Tunisia 20

The Government's purpose in this project is to organize and expand its public health laboratory services. A public health laboratory section will be established in the Ministry of Health and with assistance from the existing central laboratory services, different sections of the country will be provided with more adequate and improved hospital and public health laboratory facilities. A WHO consultant is expected to visit the country in 1959 to assist the Government in their planning in this field. Consultant services will be provided for three months in 1960, and a public health laboratory administrator will be provided through 1961 (estimated cost, 1961 \$11,755).

Supplies and equipment in the amount of \$1,000 are also provided.

MATERNAL AND CHILD HEALTH

Maternal and Child Health (M-C-H)

Tunisia 6

This is a continuation of a project started in 1959 at the request of the Tunisian Government. The WHO team consisting of a medical officer, a public health nurse and a nurse-midwife will continue to assist the Government through 1961 in the management and training activities of the maternal and child health Demonstration and Training Centre in Tunis, the Nursing Midwifery School, and in the development of maternal and child health services in the whole country as an integral part of the general health services (estimated cost \$21,851).

Equipment and supplies in the amount of \$3,500 are also included, including \$3,000 in Russian roubles.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance					Extra-Budgetary		
							Category I			Category II				
59	60	61					59	60	61	60	61	59	60	61
\$	\$	\$					\$	\$	\$	\$	\$	\$	\$	\$
			TUNISIA (Ct'd)											
			PUBLIC HEALTH ADMINISTRATION											
			<u>P.H. Laboratory</u> Tunisia-20			P4								
			P.H. Laboratory Administrator											
			Consultant											
			Salaries, Allowances, Travel											
			Supplies and Equipment											
			Total											
			INTERNAL AND CHILD HEALTH											
			<u>Maternal and Child Health</u>											
			Tunisia-6											
			Medical Officer			P4	1x12m	1x12m						
			P.H. Nurse			P2	1x12m	1x12m						
			Nurse Midwife			P2	1x12m	1x12m						
			Salaries, Allowances, Travel											
			Supplies and Equipment											
			Total											
			19,731											
			21,651											
			1,250											
			*3,500											
			15,541											
			20,981											
			25,351											
			MENTAL HEALTH											
			<u>Neuro-Psychiatric Unit</u>											
			Tunisia-25											
			Consultant							1x2m				
			Total											
									2,328					

+29,000 +26,000 +5,000

* Russian Roubles \$ 3,000. + Allocated by the UNICEF Executive Board.

T U N I S I A
(continued)

ENVIRONMENTAL SANITATION

Environmental Sanitation (TA-I and TA-II) Tunisia 18

A national programme of environmental sanitation is scheduled to begin in 1960 to help the Government in the development of rural sanitation activities.

A sanitary engineer will be provided for nine months in 1960 and twelve months in 1961 under TA-I (estimated cost, 1961 \$9,689). In addition, a sanitarian will be provided for the same time under TA-II (estimated cost, 1961 \$6,102).

Supplies and equipment in the amount of \$1,000 also are included under both TA-I and TA-II.

EDUCATION AND TRAININGFellowships (TA-I and TA-II) Tunisia 13

Provision is made to cover fellowships for graduate and postgraduate studies in various fields of medicine and public health (TA-I, \$1,000 and TA-II, \$10,000).

Fellowships Tunisia 14

Provision is made to cover graduate, postgraduate and observational studies in various fields of medicine and public health as well as attendance at educational meetings (\$10,000).

OTHER PROJECTS

Production of Pharmaceuticals Tunisia 26

The Government has requested assistance to advise them on the further development of the production and standardization of pharmaceuticals in their country. Provision has been made for a short-term consultant to visit the country for one month in 1961 (estimated cost \$1,300).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61	
\$	\$	\$			59	60	61	60	61	\$	\$	\$	
			TUNISIA (Ct'd)										
			<u>ENVIRONMENTAL SANITATION</u>										
			<u>Environmental Sanitation</u>										
			Tunisia-18										
			Sanitary Engineer	P4		1x9m	1x12m						
			Sanitarian	P2				1x9m	1x12m				
			Salaries, Allowances, Travel			*7,958	9,689	4,884	6,102				
			Supplies and Equipment			*7,000	1,000	10,000	1,000				
			Total			14,958	10,689	14,884	7,102				
			<u>EDUCATION AND TRAINING</u>										
			<u>Fellowships</u>										
			Tunisia-13										
10,000	5,000	10,000	<u>Fellowships</u>			10,000	9,000	1,000	10,000	10,000			
			Tunisia-14										
			<u>OTHER PROJECTS</u>										
			<u>Blood Bank</u>			9,000							
			Tunisia-21										
			<u>Production of Pharmaceuticals</u>										
			Tunisia-26										
		1x1m	Consultant										
500		1,300	Total										
77,995	79,312	80,044	TOTAL TUNISIA			35,991	55,008	54,814	27,212	17,102	78,500	135,000	5,000

*Russian Roubles ψ 6,000.

UNITED ARAB REPUBLIC
PROVINCE OF EGYPT

MALARIA

See MESA Annex

TUBERCULOSIS

Rehabilitation of Tuberculous Patients Egypt 51

In its effort to develop a comprehensive tuberculosis control programme, the Government is giving attention to the rehabilitation of former tuberculous patients as well as to the preventive and curative aspects of the work.

WHO assistance has been requested and for this purpose a medical rehabilitation consultant is budgeted for six months in 1961 (estimated cost \$7,800).

Supplies and equipment in the amount of \$1,000 are also included.

ENDEMO-EPIDEMIC DISEASES

Bilharziasis Control Pilot Project
and Training Centre

Egypt 49

The purpose of the project is to design and test control measures to determine the most effective and economical means of controlling bilharziasis under conditions in Egypt and to so develop the project as to serve as a field demonstration and training centre in the Region.

The project is scheduled to begin in 1960 and is expected to remain in operation for not less than five years.

In 1960, WHO will provide the services of an epidemiologist and a malacologist. In 1961, this team will be augmented by the addition of a public health engineer (estimated cost, 1961, \$33,341).

Equipment and supplies will be provided in the amount of \$1,000 including the transfer of all serviceable capital equipment made by WHO to the Egypt 10 project at the beginning of the project.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			UNITED ARAB REPUBLIC PROVINCE OF EGYPT									
			MALARIA									
			See MESA Annex									
			TUBERCULOSIS									
			<u>Rehabilitation of TB</u>									
			<u>Patients</u>	Egypt -51								
		1x6m	Consultant									
		7,800	Fees and Travel									
		1,000	Supplies and Equipment									30,000
		8,800	Total									
			ENDEMO-EPIDEMIC DISEASES									
			<u>Bilharziasis Control</u>	Egypt-10			5,000					
			<u>Bilharziasis Control Pilot</u>									
			<u>Project and Training Centre</u>	Egypt-49								
	1x12m	1x12m	Epidemiologist	P4								
	1x12m	1x12m	Malacologist	P4								
		1x12m	P.H. Engineer	P4								
	22,750	33,341	Salaries, Allowances, Travel									
	2,000	1,000	Supplies and Equipment									
	24,750	34,341	Total									

UNITED ARAB REPUBLIC
 PROVINCE OF EGYPT
 (continued)

ENDEMO-EPIDEMIC DISEASES (continued)

Dried Smallpox Vaccine Production

Egypt 52

In conformity with the Regional Committee's Resolution (EM/RC7A/R.13) calling upon countries to consider the production of the new dried smallpox vaccine in their laboratories, the Government of the United Arab Republic (Egyptian Province) has requested assistance in the production of dried vaccine. For this purpose, WHO will provide the services of an expert consultant for a two-month period in 1961 (estimated cost \$2,600).

Supplies and equipment will also be provided (\$5,000) and fellowships in the amount of \$3,000.

ENDEMO-EPIDEMIC DISEASES (continued)

Typhus Control (TA-I)

Egypt 53

Typhus fever has continued to have a strong foothold in the Egyptian Province of the United Arab Republic. In order to study the problem of typhus in the Province regarding the types, endemicity, reservoirs of infection and the other epidemiological features, the Government has requested WHO to assist in providing the services of a consultant.

Provision is made for a consultant for a two-month period in 1961 (estimated cost \$2,405).

Supplies and equipment in the amount of \$2,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			UNITED ARAB REPUBLIC PROVINCE OF EGYPT (Ct'd)									
			ENDEMO-EPIDEMIC DISEASES (Ct'd)									
			<u>Dried Smallpox Vaccine</u>									
			<u>Production</u> Egypt-52									
		2m	Consultant									
		2,600	Fees and Travel									
		5,000	Supplies and Equipment									
		3,000	Fellowships									
		10,600	Total									
			<u>Typhus Control</u> Egypt-53									
			Consultant				2m					
			Fees and Travel									
			Supplies and Equipment									
			Total									
			VIRUS DISEASES									
			<u>Communicable Eye Diseases</u>									
			<u>Control</u> Egypt-25									
			Bacteriologist	P4			1x6m					
			Salaries, Allowances, Travel				5,397					
			Supplies and Equipment				*4,000				40,000 34,000	
			Total				9,300	9,397				

*Russian Roubles.

UNITED ARAB REPUBLIC
PROVINCE OF EGYPT
(continued)

NURSING

Nursing Education (TA-I)

Egypt 50

In 1959 it was decided that nursing in Egypt would advance more rapidly were assistance in nursing education provided on the level of hospital training schools. This project is scheduled to begin in 1960.

Provision is made for two nurse educators for three months each in 1960, and for twelve months each in 1961 (estimated cost, 1961 \$11,494). They will function as a team to strengthen the training programme of the Kasr El Aini Hospital by assisting with the revision of policies pertaining to nursing education and nursing services; by arranging for refresher courses and in-service education programmes for trained staff and preparing understudies for post-basic training for leadership roles in nursing.

Supplies and equipment in the amount of \$6,000 are also budgeted including \$5,000 in Russian roubles.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
					59	60	61	60	61			
\$	\$	\$		\$	\$	\$	\$	\$	\$	\$		
			UNITED ARAB REPUBLIC PROVINCE OF EGYPT (Ct'd)									
			VIRUS DISEASES (Ct'd)									
			<u>Virology Research Laboratory</u> Egypt-37	P4								
	1x12m		Virologist									
	12,275		Salaries, Allowances, Travel Supplies and Equipment									
	1,000											
8,000	13,275		Total									
			NURSING									
			<u>Nursing Education</u> Egypt-50	P2								
			Nurse Educator			2x3m	2x12m					
			Salaries, Allowances, Travel Supplies and Equipment			4,718	11,494					
					500	*6,000						
			Total		5,218	17,494						
			INTERNAL AND CHILD HEALTH									
1,500			<u>Premature Infants' Unit</u> Egypt-30								\$40,000	
			MENTAL HEALTH									
10,350			<u>Neuro-Psychiatric Unit</u> Egypt-42									
			NUTRITION									
			<u>Nutrition Institute</u> Egypt-35		15,000							

* Russian Roubles @ 5,000. § Total UNICEF MCW Country Allocation

UNITED ARAB REPUBLIC
PROVINCE OF EGYPT
(continued)

ENVIRONMENTAL SANITATION

Assistance to the Centre for Sanitary Engineering Research, University of Alexandria (TA-I) Egypt 38

This is the continuation of a project started in 1958, and expected to continue for five years. Its purpose is to organize a laboratory and centre for sanitary engineering research in connection with the strengthening of teaching activities. WHO has helped in that field since 1954 through the development of courses at the High Institute of Public Health and at the Engineering School in the University of Alexandria.

Provision is made for the continuation of the services of the short-term consultant for three months in 1961 (estimated cost \$3,607).

Supplies and equipment in the amount of \$1,000 are also included.

EDUCATION AND TRAINING

Assistance to the High Institute of Public Health, Alexandria Egypt 27

The Government re-organized the training of professional health workers and this Institute was established in 1957 to provide postgraduate training in all branches of public health. It awards Master's and Doctor's degrees. WHO was asked to assist in developing certain functions of the Institute in order to strengthen its teaching, research and services. It is expected that the Institute

EDUCATION AND TRAINING (continued)

Assistance to the High Institute of Public Health, Alexandria (continued) Egypt 27

will soon extend its training facilities to postgraduate students from other countries of the Region. WHO first assisted in the Departments of Sanitary Engineering and Social and Occupational Health, and in 1959, its assistance was extended to the Maternal and Child Health Section. WHO will also assist the Statistical Section by the provision of supplies and statistical equipment in 1960 and 1961 (\$1,000 each year).

The posts of professor of social paediatrics and of industrial health engineer are budgeted for 1960. In 1961, the post of professor of social paediatrics is budgeted for nine months (estimated cost \$10,108).

Six consultants months (\$7,800), supplies and equipment (\$2,000), and fellowships in the amount of \$5,000 are also proposed.

Fellowships Egypt 39

Provision is made for fellowships for postgraduate and observational studies in public health fields as well as for attendance at educational meetings (\$10,000).

Fellowships (TA-I and TA-II) Egypt 40

Provision is made for fellowships for postgraduate studies and observations in various fields of public health (TA-I, \$8,000 and TA-II, \$10,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			UNITED ARAB REPUBLIC PROVINCE OF EGYPT (Ct'd)									
			ENVIRONMENTAL SANITATION									
			<u>Assistance to the Centre for Sanitary Engineering Research of the University of Alexandria</u> Egypt-38									
			Consultant									
			Fees and Travel									
			Supplies and Equipment									
			Total									
			EDUCATION AND TRAINING									
			<u>Assistance to High Institute of Public Health, Alexandria</u> Egypt-27									
	1x12m	1x9m	Prof. of Social Paediatrics	P5								
	1x12m		Industrial Health Engineer	P4								
	6m	6m	Consultants									
	39,364	17,908	Salaries, Allowances, Travel									
	2,000	2,000	Supplies and Equipment									
		5,000	Fellowships									
48,950	41,364	24,908	Total									
17,500	9,000	10,000	<u>Fellowships</u> Egypt-39									
			<u>Fellowships</u> Egypt-40									
					2,000	-	8,000	10,000	10,000			

+ Allocated by the UNICEF Executive Board.

UNITED ARAB REPUBLIC
PROVINCE OF EGYPT
(continued)

OTHER PROJECTS

Concentrated Sera Production Plant (TA-I) Egypt 44

An Egyptian expert visited the USSR on a WHO fellowship to study concentrated sera-vaccine production techniques and availability of equipment. It is proposed that supplies worth \$5,000 in special currency (Russian roubles) will be provided in 1960 and 1961, and a consultant during a one-month period in 1960 will advise the staff of the Agouza Institute on problems related to the establishment of sera production.

Drug Control Laboratory (TI-I) Egypt 48

The Government in its endeavour to improve the medical care services of its population pays special attention to the control of the quality of drugs and biologicals. The development of a national pharmaceutical industry needs assistance from well-established government drug control laboratories. WHO will provide the services of consultants (nine months in 1960 and three months in 1961, estimated cost, 1961, \$3,607) in various fields of drug control. Supplies and equipment in the amount of \$5,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary				
59	60	61			Category I			Category II		59	60	61		
\$	\$	\$			59	60	61	60	61	\$	\$	\$		
			UNITED ARAB REPUBLIC PROVINCE OF EGYPT (ct'd)											
			OTHER PROJECTS											
			<u>Concentrated Sera Production</u>											
			<u>Plant</u> Egypt-44											
			Consultant				1x1m							
			Fees and Travel				1,202							
			Supplies and Equipment				*5,000	*5,000						
			Total				6,202	5,000						
			<u>Drug Control Laboratory</u> Egypt-48											
			Consultant				9m	1x3m						
			Fees and Travel				10,822	3,607						
			Supplies and Equipment				**8,000	5,000						
			Fellowships				7,000 *							
			Total				25,822	8,607						
86,300	88,389	88,649	TOTAL U.A.R. - PROVINCE OF EGYPT				42,585	50,246	46,113	10,000	10,000	8,000	40,000	104,000

* Russian Roubles. ** Russian Roubles \$ 5,000.

UNITED ARAB REPUBLIC
PROVINCE OF SYRIA

MALARIA

See MESA Annex

ENDEMO-EPIDEMIC DISEASES

Ankylostomiasis Control (TA-II)

Syria 22

The Government has plans to intensify its campaign against ankylostomiasis. Based on recommendations of a WHO consultant who visited the country, a control programme will be developed. Subject to the availability of funds, WHO will provide the services of an epidemiologist consultant for six months in both 1960 and 1961 (estimated cost, 1961 \$ 7,208).

Supplies and equipment in the amount of \$ 500 are also provided.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			UNITED ARAB REPUBLIC PROVINCE OF SYRIA									
			MALARIA									
			See MESA Annex		26,488	15,452	15,564					
			ENDENO-EPIDEMIC DISEASES									
			<u>Ankylostomiasis Control</u> Syria-22					1x6m	1x6m			
			Consultant					7,208	7,208			
			Fees and Travel					500	500			
			Supplies and Equipment									
			Total					7,708	7,708			
			PUBLIC HEALTH ADMINISTRATION									
			<u>Rural Health Unit</u> Syria-16									
			Medical Officer	P4								
			Sanitarian	P2								
			P.H. Nurse	P2								
			Salaries, Allowances, Travel									
			Supplies and Equipment									
			Total		29,528	23,946						

*Russian Roubles \$ 3,000

UNITED ARAB REPUBLIC
PROVINCE OF SYRIA
(continued)

PUBLIC HEALTH ADMINISTRATION

Public Health and Endemic Diseases
Laboratory Syria 30

The purpose of this project which started in 1959 is to further develop the services of the Government health and endemic diseases laboratory. In 1959 and 1960 a consultant will study the administrative aspects of the project and make recommendations to improve its effectiveness. In 1960 a laboratory technician will also be added to train laboratory aides and technicians. In 1961 WHO will continue his services and also provide the services of a virologist for three months to establish a virological department in the laboratory (estimated cost \$ 11,690).

Supplies and equipment in the amount of \$ 3,500 are also provided.

VITAL AND HEALTH STATISTICS

Vital and Health Statistics Syria 15

This is the continuation of a project started in 1958 to assist the Government in setting up an efficient system of vital and health statistics. The services of the statistician will be continued through 1960 and for six months in 1961 (estimated cost, 1961 \$ 6,563).

NURSING

Nursing Education, Damascus Syria 37

This project is scheduled to start in 1960 with the assistance of WHO for the purpose of re-organizing and strengthening basic nurse education for better preventive and curative nursing services for the country. This will be done by preparing trained personnel to assume the teaching and administrative functions and by providing consultative services to the Government on the national level.

The services of the two nurse educators will be continued through 1961 (estimated cost \$ 17,600).

Supplies and equipment in the amount of \$ 1,000 are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary		
					Category I			Category II		59	60
59	60	61			59	60	61	59	60	61	
\$	\$	\$			\$	\$	\$	\$	\$	\$	
			UNITED ARAB REPUBLIC PROVINCE OF SYRIA (Ct'd)								
			PUBLIC HEALTH ADMINISTRATION (Ct'd)								
			<u>P.H. & Endemic Diseases</u>								
			<u>Laboratory</u> Syria-30								
	1x12m	1x12m	Laboratory Technician	P2							
		1x3m	Consultant								
	7,810	11,690	Salaries, Allowances, Travel								
	500	3,500	Supplies and Equipment								
3,500	8,310	15,190	Total								
			VITAL AND HEALTH STATISTICS								
			<u>Vital and Health Statistics</u>								
			Syria-15								
	1-12m	1x6m	Statistician	P3							
11,900	13,290	6,563	Total								
			NURSING								
			<u>Nursing Education, Damascus</u>								
			Syria-37								
	1x12m	1x12m	Senior Nurse Educator	P3							
	1x12m	1x12m	Nurse Educator	P2							
	18,040	17,600	Salaries, Allowances, Travel								
	1,000	1,000	Supplies and Equipment								
19,040	18,600		Total					\$28,000	\$30,000	\$40,000	

* Allocated by the UNICEF Executive Board.

§ Total UNICEF MCW Country Allocation.

UNITED ARAB REPUBLIC
PROVINCE OF SYRIA
(continued)

MENTAL HEALTHMental Health (TA-I and TA-II)

Syria 40

The Government has asked assistance from WHO for the purpose of strengthening their intra-mural and extra-mural mental health services. Provision is made for a short-term consultant for three months in 1961 under TA-II (estimated cost \$ 3,604).

Fellowships in the amount of \$ 2,000 are provided under TA-I in 1961.

ENVIRONMENTAL SANITATIONRural Environmental Sanitation

Syria 34

This project started in 1959 and is expected to terminate at the end of 1961. Its purpose is to assist the Government in organizing a national environmental sanitation programme and to develop an adequate sanitary engineering service.

The services of the sanitary engineer assigned to this project will be retained through 1961 (estimated cost \$ 12,537).

Supplies and equipment in the amount of \$ 500 are also to be provided.

ENVIRONMENTAL SANITATION (continued)Community Water Supplies (TA-I)

Syria 38

The Government wishes to develop and improve water supplies facilities, especially for municipalities. To assist in this work provision is made for staff specialized in water supply work and treatment to make the necessary surveys and study the overall problem. A water treatment chemist is provided under TA-II for six months in 1960. He is budgeted for twelve months in 1961 under TA-I (estimated cost \$ 7,891).

Supplies and equipment in the amount of \$ 1,000 are included in 1961.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			UNITED ARAB REPUBLIC PROVINCE OF SYRIA (Ct'd)									
			<u>MENTAL HEALTH:</u>									
			<u>Mental Health</u> Syria-40									
			Consultant					1x3m				
			Fees and Travel					3,604				
			Fellowships				2,000	2,000				
			Total				2,000	2,000	3,604			
			<u>ENVIRONMENTAL SANITATION</u>									
			<u>Rural Environmental Sanitation</u>									
			Syria-34									
	1x12m	1x12m	P. . . Engineer	P/								
	20,676	12,537	Salaries, Allowances, Travel									
	1,000	500	Supplies and Equipment									
	19,140	21,676	Total									
			<u>Community Water Supplies</u> Syria-38									
			Water Treatment Chemist	P3			1x12m	1x6m				
			Salaries, Allowances, Travel				7,891	5,223				
			Supplies and Equipment				1,000	1,000				
			Total				8,891	6,223				

UNITED ARAB REPUBLIC
 PROVINCE OF SYRIA
 (continued)

ENVIRONMENTAL SANITATION (continued)

Training of Sanitarians (TA-I)

Syria 39

The Government proposes to commence a programme of sanitarian training and has requested WHO assistance in implementing this. Accordingly, this project is scheduled to begin in 1960 and it is expected to continue through 1963 or longer. The services of the sanitary engineer and sanitary tutor budgeted under TA-II for six months in 1960 will continue for twelve months under TA-I in 1961 (estimated cost \$ 15,480).

EDUCATION AND TRAINING

Fellowships

Syria 28

Provision is made to cover fellowships for post-graduate and observational studies in various fields of public health as well as for attendance at educational meetings (\$ 10,000).

Fellowships (TA-II)

Syria 29

An amount of \$10,000 is provided to cover post-graduate studies in various specialized fields of public health.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance					Extra-Budgetary		
59	60	61			Category I			Category II		59	60	61
					59	60	61	60	61			
\$	\$	\$										
			UNITED ARAB REPUBLIC PROVINCE OF SYRIA (Ct'd)									
			ENVIRONMENTAL SANITATION (Ct'd)									
			<u>Training of Sanitarians</u> Syria-39									
			Sanitary Engineer	P4								
			Sanitary Tutor	P2								
			Total									
			<u>Sanitary Installations</u> Syria-41									
			Consultant									
			Total									
			EDUCATION AND TRAINING									
14,500	5,000	10,000	<u>Fellowships</u> Syria-28									
			<u>Fellowships</u> Syria-29							10,000		
			OTHER PROJECTS									
2,000			<u>Blood Bank</u> Syria-32									
51,040	67,316	63,390	TOTAL U.A.R. - PROVINCE OF SYRIA									

Y E M E N

TUBERCULOSIS

Tuberculosis Control (TA-II)

Yemen 6

It is proposed to assist the Government in determining their problems and needs in regard to tuberculosis with a view to formulating a national tuberculosis control programme and to assist the Health Centre and Training School, Sena'a, in integrating tuberculosis control teaching in their curriculum. Subject to the availability of funds, a consultant, budgeted for three months in 1960 will also serve for three months in 1961 (estimated cost \$3,648).

VIRUS DISEASES

Communicable Eye Diseases Control

Yemen 13

The Government has requested WHO to send a consultant to study the prevalence of communicable eye diseases in the Yemen and to make recommendations for a possible programme to control these diseases at least in certain areas of the country. WHO will provide the services of a consultant in 1961 for two months (estimated cost \$2,600).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			YEMEN									
			TUBERCULOSIS									
			<u>Tuberculosis Control</u>	Yemen-6								
			Consultant						1x3m	1x3m		
			Total						3,648	3,648		
			ENDEMIC EPIDEMIC DISEASES									
			<u>Bilharziasis Control</u>	Yemen-5								
			Consultant									
	1x2m		Total									
	2,600											
			VIRUS DISEASES									
			<u>Communicable Eye Diseases</u>	Yemen-13								
			Control									
			Consultant									
	1x2m		Total									
	2,600											

Y E M E N
(continued)

PUBLIC HEALTH ADMINISTRATION

Health Centre and Training School Yemen 8
Sana'a (TA-I and TA-II)

The health Centre at Sana'a was established in 1956 and is expected to continue through 1961 at least. Its purpose is to cover all aspects of preventive and curative public health and serve as a training school for health auxiliaries, including nurses and sanitarians. Under TA-I the entire WHO team, consisting of a senior public health adviser, a medical officer, two public health nurses, a sanitarian and a laboratory technician will be continued through 1961 (estimated cost \$44,632).

Supplies and equipment will also be provided (\$500).

In addition, an X-ray technician will also be provided for nine months in 1960 and for twelve months in 1961 under TA-II (estimated cost, 1961 \$6,526).

MATERNAL AND CHILD HEALTH

Maternal and Child Health Yemen 7

The Government has requested WHO to send a consultant to study the health needs of women and children and to make recommendations for a possible programme to improve their health conditions, preferably through additional activities of the Yemen 8 project. WHO will provide the services of a consultant for two months in 1961 (estimated cost \$2,600).

EDUCATION AND TRAINING

Fellowships Yemen 11

Provision is made to cover expenses of continuation and new undergraduate awards in environmental sanitation, medicine and allied fields in order to assist the country in building up a corps of professionally qualified personnel to provide health services and medical care (\$8,000).

Fellowships (TA-II) Yemen 12

Subject to the availability of funds, a similar provision as under the Yemen 11 project is made to strengthen the efforts of the Government in having professional personnel trained for their health and medical services (\$8,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
					59	60	61	60	61			
\$	\$	\$										
			YEMEN (ct'd)									
			PUBLIC HEALTH ADMINISTRATION									
			Health Centre and Training School, Sana'a Yemen-8									
			P.H. Adviser	P4		1x12m	1x12m					
			Medical Officer	P3		1x12m	1x12m					
			P.H. Nurse	P2		1x12m	1x12m					
			P.H. Nurse	P1		1x12m	1x12m					
			Sanitarian	P1		1x12m	1x12m					
			Laboratory Technician	P1		1x12m	1x12m					
			X-ray Technician	P2				1x9m	1x12m			
			Salaries, Allowances, Travel Supplies and Equipment			41,705	44,632	5,202	6,526			
						*1,500	500					
			Total			47,490	43,205	45,132	5,202	6,526		
			MATERNAL AND CHILD HEALTH									
		1x2m	Maternal and Child Health Yemen-7 Consultant									
		2,600	Total									
			EDUCATION AND TRAINING									
	10,000	10,000	Fellowships Yemen-11									
		8,000	Fellowships Yemen-12				2,000	8,000	8,000			
	10,000	12,600	TOTAL YEMEN			47,490	45,205	45,132	16,850	18,174		

* Russian Roubles \div 1,000.

INTER-COUNTRY PROGRAMME

MALARIA

See MESA Annex

TUBERCULOSIS

Regional Tuberculosis Survey Team

EMRO 41

This project started in 1959 to assist governments in initiating a national prevalence survey to secure accurate estimates of the tuberculosis situation in their countries. The team teaches a national counter-part survey team mobile survey procedures enabling them to continue the national surveys, the results of which will determine the reorientation and/or establishment of a tuberculosis control programme for the country.

The WHO team, consisting of a medical officer, a statistician, a public health nurse, an X-ray technician and a laboratory technician, is budgeted for twelve months in 1960 and for six months in 1961 (estimated cost, 1961 \$38,072). Supplies and equipment in the amount of \$1,000 will also be supplied.

UNICEF is expected to provide all equipment and supplies (see under Extra-Budgetary Funds).

TUBERCULOSIS (continued)

Tuberculosis Epidemiological and Statistical Centre EMRO 51

This Centre, scheduled to start in 1960, will function under the direction of the Regional Office where it will be located. The purpose of this project is to assist in the processing, analysis, and evaluation of tuberculosis projects in the region, especially of national prevalence surveys and assessment programmes, with a view to planning suitable national tuberculosis control programmes. It will also assist in training health personnel in statistical and epidemiological methods in tuberculosis.

The staff, consisting of an epidemiologist and a statistician, is budgeted for twelve months in both 1960 and 1961 (estimated cost, 1961, \$20,703).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary		
							Category I			Category II			
59	60	61				59	60	61	60	61	59	60	61
\$	\$	\$				\$	\$	\$	\$	\$	\$	\$	\$
			INTEL-COUNTRY PROGRAMME										
			MALARIA										
15,000			See MESA Annex										
			TUBERCULOSIS										
			<u>Regional Tuberculosis Survey</u>										
			<u>Team</u>		EMRO-41								
	1x12m	1x6m	Medical Officer		P4								
	1x12m	1x6m	Statistician		P3								
	1x12m	1x6m	P.N. Nurse		P2								
	1x12m	1x6m	X-ray Technician		P2								
	1x12m	1x6m	Laboratory Technician		P2								
69,237		38,072	Salaries, Allowances, Travel										
1,000		1,000	Supplies and Equipment										
60,965	70,237	39,072	Total										+40,000
			<u>Tuberculosis Epidemiological</u>										
			<u>and Statistical Centre</u>		EMRO-51								
	1x12m	1x12m	Epidemiologist		P4								
	1x12m	1x12m	Statistician		P3								
21,515		20,703	Total										

+ Allocated by the UNICEF Executive Board

INTER-COUNTRY PROGRAMME
(continued)

VIRUS DISEASES

Regional Virology Training Centre

EMRO 53

Public health laboratories are increasingly concerned with the diagnosis and control of virus diseases. In order to strengthen the virological techniques and research work in this field, it is planned to establish a regional virology training centre in conjunction with the national public health laboratory.

In 1961, provision is made for the services of a virologist and a technician, each for twelve months (estimated cost \$19,245). Supplies and equipment in the amount of \$4,000 are included and also \$6,000 for Fellowships.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			INTER-COUNTRY PROGRAMME (Ct'd)									
			ENDENO-EPIDEMIC DISEASES									
			<u>Smallpox Survey Team</u> E.M.R.O-16	P4 P2								
	1x12m		Epidemiologist									
	1x12m		Laboratory Technician									
	27,244		Salaries, Allowances, Travel									
		500	Supplies and Equipment									
26,374	27,744		Total									
			<u>Seminar on Food Hygiene and Zoonoses Control</u> E.M.R.O-38									
	2m		Consultant									
	2,600		Fees and Travel									
	11,400		Participants									
		1,000	Supplies and Equipment									
659	15,000		Total									
			VIRUS DISEASES									
16,000			<u>Trachoma Conference</u> E.M.R.O-40									
			<u>Regional Virology Training Centre</u> E.M.R.O-53	P4 P2								
	1x12m		Virologist									
	1x12m		Technician									
	19,245		Salaries, Allowances, Travel									
		4,000	Supplies and Equipment									
		6,000	Fellowships									
	29,245		Total									

INTER-COUNTRY PROGRAMME
(continued)

PUBLIC HEALTH ADMINISTRATION

Advisory Services

EMRO 43

Countries in the Region often ask the advice of the Organization on subjects for which no regional adviser is available and on which it may be impracticable to obtain assistance from members of the headquarters staff. For such cases, short-term consultants have been recruited to advise on mental health services, on long-term plans of health services, on the progress of former WHO projects, and many similar subjects.

Provision is made in 1961 for twenty consultant months to cover requirements of this kind as they may arise (\$26,000).

NURSING

Higher Institute of Nursing, University
of Alexandria (TL-I)

EMRO 5

This is the continuation of an inter-country project started in 1953 for a collegiate school of basic nursing at the University of Alexandria, Egypt, to prepare professional nurses for leadership roles in the Region. The first class, after four years of training, was graduated in 1959. After further guidance and training in teaching and administration they are to assume the role of the faculty of the Institute, thus replacing international personnel.

The project is presently concerned with basic nurse education but is expanding its programme to include post-basic and will, it is envisaged, eventually provide post-graduate studies in nursing. The project is expected to continue through 1964, with a gradual reduction in WHO personnel after 1960.

Provision is made in 1961 for the continuation of five WHO nurse educators and an administrative assistant for twelve months and one nurse educator for six months (estimated cost \$50,755). Teaching and visual aid material will also be provided (\$500).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary		
59	60	61			Category I		Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$
			INTER-COUNTRY PROGRAMME (Ct'd)								
			PUBLIC HEALTH ADMINISTRATION								
			<u>Advisory Services</u> EIRO-43								
	20m	20m	Consultants								
26,000	26,000	26,000	Total								
			DENTAL HEALTH								
12,913			<u>Dental Health Survey</u> EIRO-23								
			NURSING								
			<u>Higher Institute of Nursing,</u>								
			<u>University of Alexandria</u> EIRO-5								
			Senior Nurse Educator	P4		1x12m	1x12m				
			Nurse Educator	P3		1x12m	1x12m				
			Nurse Educators	P2		4x12m	3x12m				
			Nurse Educator	P2		1x6m	1x6m				
			Administrative Assistant	Em.6		1x12m	1x12m				
			Salaries, Allowances, Travel			58,666	50,755				
			Supplies and Equipment			500	500				
			Total			59,900	59,166	51,255			

INTER-COUNTRY PROGRAMME
(continued)

HEALTH EDUCATION OF THE PUBLIC

Arab States Fundamental Education Centre, EMRO 7
Sirs-el-Layyan (TA-I)

This is the continuation of a project started in 1953 to promote occupational health services.

The public health adviser assigned to this project will be retained through 1961 (estimated cost \$10,287). He will continue to teach public health and health education in the various phases of the training programme of ASFEC. His duties will include public health administration, health education and the utilization of various health personnel in fundamental education activities.

HEALTH EDUCATION OF THE PUBLIC (continued)

Adviser in Health Education EMRO 22

An adviser in health education was appointed in 1958 to give guidance on the development of health education services to the countries of the Region. Provision is made to retain his services throughout 1960 and 1961 (estimated cost, 1961, \$15,785). The adviser will continue to work with the various Governments of the Region, following up the recommendations of the Seminar on Health Education of the Public, and assisting the Governments in strengthening their health education services.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES			Grade	Technical Assistance				Extra-Budgetary			
							Category I			Category II				
59	60	61				59	60	61	60	61	59	60	61	
\$	\$	\$				\$	\$	\$	\$	\$	\$	\$	\$	
			INTER-COUNTRY PROGRAMME (Ct'd)											
			NURSING (Ct'd)											
			<u>Nursing Seminar</u> ELRO-15											
	Ln		Consultant											
	1,300		Fees and Travel											
	11,700		Participants											
	1,000		Supplies and Equipment											
	14,000		Total											
			SOCIAL AND OCCUPATIONAL HEALTH											
			<u>Training Course on Industrial Health</u> ELRO-46											
11,000														
			HEALTH EDUCATION OF THE PUBLIC											
			<u>Arab States Fundamental Education Centre, Sars-el-Layyan</u> EPRO-7											
			P.H. Adviser			P4		1x12m	1x12m					
			Total				13,866	10,176	10,287					
			<u>Adviser in Health Education</u> EPRO-22											
	1x12m	1x12m	Health Education Adviser			P4								
16,900	11,210	15,785	Total											

INTER-COUNTRY PROGRAMME
(continued)

ENVIRONMENTAL SANITATION

Sanitary Engineering Field Training

EMRO 34

This project is expected to start in 1959 and to continue for a period of two years. In view of the existing shortage of experienced sanitary engineers, this field training programme is planned for the purpose of providing relatively inexperienced sanitary engineers with practical experience in their field, and particularly in connection with public health projects. Two sanitary engineers are budgeted for 1960, to be reduced to one in 1961 (estimated cost, 1961, \$7,598).

Community Water Supply

EMRO 56

In accordance with the Resolution of the Twelfth World Health Assembly, more emphasis is to be placed on the provision of adequate and safe water supplies. This project, to begin in 1961, will provide the services of a WHO team to advise the countries of the Region in their efforts to establish and strengthen in both rural and urban communities the provision of adequate and safe water supplies. Provision is made in 1961 for the services of a sanitary engineer for twelve months and for a consultant (water treatment chemist) for three months (estimated cost \$15,275). Supplies and equipment in the amount of \$2,000 are also included.

EDUCATION AND TRAINING

Medical Education Conference

EMRO 42

A conference of medical educators, with the participation of representatives of the Ministries of Health and Education and of the medical profession, originally planned for 1960, is now expected to be held in 1961.

Detailed information on the present facilities for medical education in the Region was needed in preparation for the conference, and to this end, preparatory work was done in 1959 by a consultant who visited 17 medical schools in three countries of the Region. Further contacts with medical faculties are necessary, and provision is made in 1961 for the services of a consultant for one month (estimated cost \$1,300), for participants (\$13,700), and for supplies and equipment (\$2,000).

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			INTER-COUNTRY PROGRAMME (Ct'd)									
			ENVIRONMENTAL SANITATION									
			<u>Sanitary Engineering Field</u>									
			<u>Training</u> EIRO-34									
	2x12m	1x12m	Sanitary Engineer	P2								
6,000	14,284	7,598	Total									
			<u>Community Water Supply</u> EIRO-56									
		1x12m	Sanitary Engineer	P4								
		1x3m	Consultant									
		15,275	Salaries, Allowances, Travel									
		2,000	Supplies and Equipment									
		17,275	Total									
			EDUCATION AND TRAINING									
			<u>Medical Education Conference</u> EIRO-42									
		1x1m	Consultant									
		1,300	Fees and Travel									
		13,700	Participants									
		2,000	Supplies and Equipment									
12,297		17,000	Total									

INTER-COUNTRY PROGRAMME
(continued)

EDUCATION AND TRAINING (continued)

Participation in Educational Meetings EMRO 45

This project, started in 1959, is designed to allow for participation of candidates selected by the Government or designated by the Regional Director to attend meetings of a specific educational character for which purpose a fellowship has not been planned previously, or cannot be provided for special reasons.

Experience has already shown the value of this assistance. The meetings attended under this plan are inter-country meetings in other Regions, meetings of a truly international character arranged by organizations with which WHO is in official relation, and/or for participation in inter-regional WHO-sponsored educational meetings. Provision of \$7,000 is made for this project in 1961.

Participation in Training Courses (TA-I) EMRO 49

Provision is made for participation in training courses sponsored by WHO, or in connection with regional training centres. The sum of \$4,000 is budgeted for 1961.

EDUCATION AND TRAINING (continued)

Seminar on Training of Auxiliary Health Personnel (Planning Meeting) EMRO 50

On the request of the Regional Committee and as part of world-wide activities in the field of training of auxiliary health personnel, a seminar will be held in 1962.

Provision is made for a consultant for one month in 1961 (estimated cost \$1,300) and \$1,700 for participants to assist in the planning meeting scheduled for that year.

Training Course in Health Physics and Medical Use of Radio-Isotopes (TA-I) EMRO 54

Techniques in health physics as well as in the medical use of radio-isotopes have rapidly advanced during the last years. Training centres in this field, however, are located mainly outside the Region. The application of these new techniques needs promotion within the area and for this purpose, plans have been made to offer the course within the Region with the help of expert consultants.

Provision has been made for the services of two consultants for three months each in 1961 (estimated cost \$7,800). Supplies and equipment in the amount of \$3,000, and \$3,000 for fellowships, are also included.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			INTER-COUNTRY PROGRAMME (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
			<u>Participation in Educational Meetings</u> EMRO-45									
6,500	7,000	7,000	<u>Participation in Training Courses</u> EMRO-49					4,000				
			<u>Seminar on Training of Auxiliary Health Personnel (Planning Meeting)</u> EMRO-50									
		1xlm	Consultant Fees and Travel									
		1,300	Participants									
		1,700										
		3,000	Total									
			<u>Training Course in Health Physics and Medical use of Radio-Isotopes</u> EMRO-54									
			Consultants					2x3m				
			Fees and Travel					7,800				
			Supplies and Equipment					3,000				
			Fellowships					3,000				
			Total					13,800				

INTER-COUNTRY PROGRAMME
(continued)

EDUCATION AND TRAINING (continued)

Assistance to Medical Libraries

EMRO 55

A common observation of consultants and staff who have visited medical and health institutions of the Region is that members of these institutions are handicapped by a lack of adequate library facilities. This project, scheduled to begin in 1961, is conceived to provide for a consultant's services to libraries (six months, estimated cost \$7,800); for fellowships to librarians (estimated cost \$3,000); and for a limited amount to buy books and journals (cost \$5,000).

OTHER PROJECTS

Medical Literature

EMRO-44

A provision is made of \$2,000 to meet minor requests for medical literature in 1961.

Regular			EASTERN MEDITERRANEAN REGION PROGRAMMES	Grade	Technical Assistance				Extra-Budgetary			
59	60	61			Category I			Category II		59	60	61
\$	\$	\$			59	60	61	60	61	\$	\$	\$
			INTER COUNTRY PROGRAMME (Ct'd)									
			EDUCATION AND TRAINING (Ct'd)									
			<u>Assistance to Medical Libraries</u>									
			EMRO-55									
		6m	Consultants									
		7,800	Fees and Travel									
		5,000	Supplies and Equipment									
		3,000	Fellowships									
		15,800	Total									
			OTHER PROJECTS									
			<u>Medical Literature</u>									
			EMRO-44									
212,608	208,990	200,478	TOTAL INTER-COUNTRY PROGRAMME		73,766	69,342	79,342			40,000		

MALARIA ERADICATION ACTIVITIES

MESA REGIONAL OFFICE

PERSONNEL

As a supplement to the provision made under Regular funds for the Regional Office, provision is also made under the Malaria Eradication Special Account for three professionals and nine general service staff members to carry out the additional administrative work resulting from the Malaria Eradication programme.

DUTY TRAVEL

Provision is made under the Malaria Eradication Special Account for travel in connection with the Malaria Eradication programme to enable senior professional staff to visit field projects and to consult with governmental authorities concerning administrative and financial aspects. An amount of \$1,500 is provided each year.

COMMON SERVICES

Provision is made to meet common services costs resulting from the establishment of the posts for the Regional Office to be financed from the Malaria Eradication Special Account. The recurrent common services costs are estimated at \$5,000 per annum.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	NUMBER OF POSTS				
59	60	61	62	63	TOTAL	REGIONAL	OFFICE		59	60	61	62	63
\$	\$	\$	\$	\$	\$								
						<u>Administration & Finance</u>							
						Administration & Finance Officer		P4	1	1	1	1	1
						Administrative Officer		P4	1	1	1	1	1
						Clerk Stenographer		EM5	1	1	1	1	1
12,274	16,389	16,913	17,465	18,024	81,065	Total							
						<u>Budget and Finance</u>							
						Budget Officer		P1	1	1	1	1	1
						Accounts Clerk		EM7	1	1	1	1	1
						Clerk Typist		EM5	1	1	1	1	1
3,750	7,139	7,515	7,891	8,266	34,561	Total							
						<u>Personnel</u>							
						Clerk		EM4	1	1	1	1	1
544	849	894	945	996	4,228								
						<u>General Services</u>							
						General Services Assistant		EM7	2	2	2	2	2
						Registry Clerk		EM4	1	1	1	1	1
						Clerk Typist		EM4	1	1	1	1	1
4,486	5,805	6,075	6,390	6,725	29,481	Total							
						<u>Supply Services</u>							
						Clerk Typist		EM4	1	1	1	1	1
402	846	889	941	992	4,070	Total							
21,456	31,028	32,286	33,632	35,003	153,405	Total Established Posts			12	12	12	12	12

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	NUMBER OF POSTS				
59	60	61	62	63	TOTAL	REGIONAL	OFFICE		59	60	61	62	63
\$	\$	\$	\$	\$	\$								
1,500	1,500	1,500	1,500	1,500	7,500		<u>Travel</u>						
							Duty						
7,216	10,599	10,995	11,200	11,412	51,422		<u>Statutory Staff Costs</u>						
4,000					4,000		Allowances						
	4,050	6,150		6,150	16,350		Recruitment and Repatriation						
							Home Leave						
	750	750	750	750			<u>Common Services</u>						
	2,250	2,250	2,250	2,250			Space and Equipment Services						
	1,250	1,250	1,250	1,250			Other Services						
	50	50	50	50			Supplies and Materials						
	700	700	700	700			Fixed Charges and Claims						
							Acquisition of Capital Assets						
7,000	5,000	5,000	5,000	5,000	27,000		Total Common Services						
41,172	52,177	55,931	51,332	59,065	259,677		TOTAL REGIONAL OFFICE		12	12	12	12	12

MESA REGIONAL ADVISERS

REGIONAL ADVISERS

As a supplement to the provisions made under Regular funds for Regional Advisers, provision has been made for five professional posts and two general services staff members to be financed from the Malaria Eradication Special Account.

DUTY TRAVEL

An amount of \$20,000 per annum has been provided to enable the professional staff to visit various countries of the Region to advise and assist in the development and implementation of malaria eradication.

COMMON SERVICES

The recurrent common services costs are estimated at \$3,500 per annum to be financed from the Malaria Eradication Special Account.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	NUMBER OF POSTS				
59	60	61	62	63	TOTAL	REGIONAL	ADVISERS		59	60	61	62	63
\$	\$	\$	\$	\$	\$								
						Malariologist		P4	2	2	2	2	2
						Entomologist		P4	1	1	1	1	1
						Technician		P2	1	1	1	1	1
						Administrative Assistant		P1	1	1	1	1	1
						Secretary		EM5	1	1	1	1	1
						Clerk-Stenographer		EM5	1	1	1	1	1
28,022	35,452	36,742	37,999	39,177	177,392	Total Established Posts			7	7	7	7	7
15,000	20,000	20,000	20,000	20,000	95,000	<u>Travel</u>							
						Duty							
12,282	15,948	16,902	17,256	18,079	80,467	<u>Statutory Staff Costs</u>							
8,000					8,000	Allowances							
2,500	2,700	9,250	2,450	9,600	26,500	Recruitment and Repatriation							
						Home Leave							
						<u>Common Services</u>							
	525	525	525	525		Space and Equipment Services							
	1,575	1,575	1,575	1,575		Other Services							
	875	875	875	875		Supplies and Materials							
	35	35	35	35		Fixed Charges and Claims							
	490	490	490	490		Acquisition of Capital Assets							
2,900	3,500	3,500	3,500	3,500	16,900	Total Common Services							
68,704	77,600	86,394	81,205	90,356	404,259	TOTAL REGIONAL ADVISERS			7	7	7	7	7

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

E T H I O P I A

Malaria Pre-eradication Survey and Malaria Training Centre (TA and MESA) Ethiopia 14

The pilot project, started in 1957 and expected to end in 1960, established the effectiveness of residual insecticidal spraying in achieving total interruption of malaria transmission in altitudes above 900 metres. No resistance was encountered in the two main vectors, A. gambiae and A. pharoensis. A pre-eradication survey team expects to start a country-wide epidemiological survey in early 1960 with the objective of developing a comprehensive plan of operation for a future malaria eradication programme.

A Training Centre for training auxiliary personnel for the eradication programme started functioning in mid-1959. Each course lasts about six months and is attended by about twenty-five students. The Centre is planned to continue until the end of 1961.

In 1961, WHO will provide under MESA one malariologist, one entomologist and one sanitarian (estimated cost \$35,639) to complete the pre-eradication survey. Provision has been made for partial payment of salaries in the sum of \$1,680. Provision has also been made for the services of a malariologist, a sanitarian and a technician for the Training Centre (estimated cost \$33,919). Provision for stipends to students in the amount of \$5,000 is also included.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	EXTRABUDGETARY FUNDS		
						MESA PROGRAMMES			OTHER	FUNDS	
59	60	61	62	63	TOTAL				59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	
						ETHIOPIA					
						<u>Malaria Eradication Pilot Project</u>					
						TA/Ethiopia-14 (a)					
						Malariologist	P4		1x1m		
						Entomologist	P3		1x1m		
						Total		27,070	1,879		
						<u>Malaria Training Centre</u>					
						Ethiopia-14 (b)					
						Malariologist	P4				
						Sanitarian	P2				
						Technician	P1				
						Salaries, Allowances, Travel					
						Stipends for Students					
						Total					
						<u>Malaria Pre-eradication Survey</u>					
						Ethiopia-14 (c)					
						Malariologist	P4				
						Entomologist	P3				
						Sanitarian	P2				
						Salaries, Allowances, Travel					
						Partial Payment of Salaries					
						Total					
33,011	40,719	38,919			112,649						
						<u>Malaria Pre-eradication Survey</u>					
						Ethiopia-14 (c)					
						Malariologist	P4				
						Entomologist	P3				
						Sanitarian	P2				
						Salaries, Allowances, Travel					
						Partial Payment of Salaries					
						Total					
19,800	38,591	37,319			95,710						

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION	GRADE	EXTRA-BUDGETARY FUNDS		
59	60	61	62	63	TOTAL	MESA PROGRAMMES		OTHER	FUNDS	
\$	\$	\$	\$	\$	\$		59	60	61	
						ETHIOPIA (Ct'd)				
						<u>Malaria Eradication Ethiopia-14 (d)</u>				
			1x12m	1x12m		Malariologist	P4			
			1x12m	1x12m		Entomologist	P3			
			1x12m	1x12m		Sanitarian	P2			
			33,521	36,777		Salaries, Allowances, Travel				
			1,500			Supplies and Equipment				
			35,021	36,777	71,798	Total				
						<u>UNICEF Supplies and Equipment</u>		+9,000		
52,811	79,310	76,238	35,021	36,777	280,157	TOTAL ETHIOPIA	36,070	1,879		

+ Allocated by the UNICEF Executive Board.

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

I R A N

Malaria Eradication and Institute of Iran I
Malariology and Parasitology (TA and MESA)

The National Malaria Eradication Programme started in 1957 to cover, by stages, the malarious areas of the country. The fourth and last zone into which the country is divided is expected to be put under the attack phase in 1960. In the A. stephensi area in the south, involving a population of 1,434,000, dieldrin has been in use due to confirmed DDT resistance in this species. According to the plan of operation, in 1961 a total of 3,232,000 population will be under surveillance after discontinuation of spraying; a total of 3,315,000 population will continue to be protected by residual spraying; 2,212,000 will be under maintenance phase. It is expected that by 1964 the whole population under malaria risk, approximately 12,000,000, will be under surveillance in the consolidation phase or under maintenance phase.

MESA will provide through 1961 a senior malariologist, an administrative officer, together with an interpreter and a secretary (estimated cost \$32,895), and partial payment of salaries of national personnel in malaria eradication service in the amount of \$75,000. Supplies and equipment (\$1,000) are also included.

Under TA in 1961 provision is made for one post of statistician for the Institute of Malariology and Parasitology, Teheran (estimated cost \$7,221).

UNICEF is assisting in this programme with transport, supplies and equipment (see under **Other Funds**).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	EXTRA-BUDGETARY FUNDS		
59	60	61	62	63	TOTAL	MESA PROGRAMMES			OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			59	60	61	
						IRAN					
						<u>Institute of Malariology and Parasitology</u>	TA/Iran-1 (a)				
						Statistician		P3	1x3m	1x12m	
						Salaries, Allowances, Travel			3,129	7,221	
						Supplies and Equipment			1,000		
						Total			4,129	7,221	
						<u>Malaria Eradication</u>	Iran-1 (b)				
	1x12m	1x12m	1x12m			Malariologist		P4			
	1x12m	1x12m	1x12m			Administrative Officer		P3			
	1x12m	1x12m	1x12m			Interpreter		P1			
	1x12m	1x12m	1x12m			Secretary		EM5			
	29,862	32,895	33,762			Salaries, Allowances, Travel					
	75,000	75,000	75,000			Partial Payment of Salaries					
	1,000	1,000	1,000			Supplies and Equipment					
	9,000					Fellowships					
138,000	114,862	103,895	109,762		471,519	Total					
						<u>UNICEF Supplies and Equipment</u>			+664,000	1,060,000	700,000
138,000	114,862	103,895	109,762		471,519	TOTAL IRAN		664,000	1,064,129	707,221	

+Allocated by the UNICEF Executive Board.

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

I R A Q

Malaria Eradication (Regular and MESA)

Iraq 11

The attack phase with residual insecticides on a total coverage basis started in 1957. In the A. stephensi areas in the south, Dieldrin has replaced DDT since 1958 on account of the established DDT resistance in the species.

Surveillance activities were started in 1958 and now cover the whole population under malaria risk (approximately four million). Residual spraying operations are now confined to 1,000,000 and this number will progressively diminish until the attack phase is completed by 1962.

Provision is made during 1961 under the regular budget to retain a malariologist and an entomologist (estimated cost \$25,013). Under the Malaria Eradication Special Account provision is being made for the posts of a malariologist and an administrative officer (estimated cost \$25,314), for supplies (\$500), and for fellowships (\$2,500). UNICEF is helping this programme by providing all the DDT required (see under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION		GRADE	EXTRABUDGETARY FUNDS		
59	60	61	62	63	TOTAL	MESA PROGRAMMES			OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			59	60	61	
							IRAQ				
							<u>Malaria Eradication</u> REG/Iraq-11				
							Malariaologist	P4	1x12m	1x12m	
							Entomologist	P3	1x12m	1x12m	
							Sanitarian	P2	1x12m		
							Total		30,446	33,643	25,013
							<u>Malaria Eradication</u> Iraq-11				
	1x12m	1x12m					Malariaologist	P4			
	1x12m	1x12m					Administrative Officer	P1			
	22,022	25,317					Salaries, Allowances, Travel				
	500	500					Supplies and Equipment				
	8,000	2,500					Fellowships				
	36,850	30,522	28,314		95,686		Total				
							<u>UNICEF supplies and Equipment</u>		+52,500	220,000	100,000
	36,850	30,522	28,314		95,686		TOTAL IRAQ		82,946	253,643	125,013

+Allocated by the UNICEF Executive Board.

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

I S R A E L

Malaria Eradication (MESA)

Israel 5

The pilot project started in 1959 in two chosen areas where malaria foci were still existing, with the object of intensifying eradication measures and instituting a system of surveillance. In 1960 a full scale programme for the eradication of malaria from Israel will be instituted.

Under MESA provision is made for a consultant for a period of three months in each of the years 1960 and 1961 (estimated cost, 1961, \$3,900). Supplies and equipment in the amount of \$1,000 are also provided for the same years.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES	GRADE	EXTRA BUDGETARY FUNDS		
59	60	61	62	63	TOTAL			OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			59	60	61
27,270					27,270	ISRAEL				
						<u>Malaria Pilot Project</u> Israel-5 (a)				
						<u>Malaria Eradication</u> Israel-5 (b)				
	1x3m	1x3m				Consultant				
	3,900	3,900				Fees and Travel				
	1,000	1,000				Supplies and Equipment				
	4,900	4,900			9,800	Total				
27,270	4,900	4,900			37,070	TOTAL ISRAEL				
=====										

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

J O R D A N

Assistance to Malaria Eradication (TA and MESA) Jordan 6

The programme started in 1959 when UNRWA's anti-malaria programme was taken over by the National Malaria Eradication Service. UNICEF and ICA are cooperating in the programme. Due to bionomics of local vectors, A. sergenti and A. superpictus and to different levels of endemicity in different areas, a combination of anti-malaria measures is followed to protect the 1,200,000 population under malaria risk, half of whom will be covered during 1961 by surveillance activities.

During 1961 provision is made under Technical Assistance for a malariologist (estimated cost \$10,904) and supplies and equipment in the amount of \$500. Provision is also made under MESA for an entomologist, a sanitary engineer and a sanitarian (estimated cost \$21,735); fellowships (\$500), and supplies (\$500).

UNICEF is also assisting in this project (See under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRACT FROM BUDGETARY INDEX		
59	60	61	62	63	TOTAL				OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			59	60	61	
						JORDAN			\$	\$	\$
						Malaria Eradication TA/Jordan-6		P4			
						Malariologist				1x12m	1x12m
						Salaries, Allowances, Travel				10,145	10,904
						Supplies and Equipment				1,000	500
						Total			13,765	11,145	11,404
						Malaria Eradication Jordan-6		P3 P3 P2			
	1x12m	1x8m				Entomologist					
	1x12m	1x8m				Sanitary Engineer					
	1x12m	1x8m				Sanitarian					
	27,679	21,735				Salaries, Allowances, Travel					
	500	500				Supplies and Equipment					
	5,000	5,000				Fellowships					
	27,648	33,179	27,235		88,062	Total					
						UNICEF Supplies and Equipment			22,000	30,000	
	27,648	33,179	27,235		88,062	TOTAL JORDAN			13,765	33,145	41,404

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

L E B A N O N

Malaria Eradication (MESA)

Lebanon 7

The National Malaria Eradication Service started surveillance activities throughout the country in 1958 when total interruption of transmission in the greater part of the country appeared to have been achieved following the attack phase commenced in 1956. As the surveillance activities needed strengthening, a WHO malariologist has been provided since 1959 to appraise the situation and recommend WHO procedures to eliminate any residual foci of transmission.

Provision is made in 1961 under Malaria Eradication Special Account for continuation of the post of malariologist and the sanitarian (estimated cost \$21,164).

Supplies in the amount of \$500 have also been provided. UNICEF is also assisting in this project (see under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA BUDGETARY FUNDS OTHER FUNDS		
59	60	61	62	63	TOTAL				59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	
						LEBANON					
	1x12m	1x12m				<u>Malaria Eradication</u> Lebanon-7					
	1x12m	1x12m				Malariaologist	P4				
						Sanitarian	P2				
	20,325	21,164				Salaries, Allowances, Travel					
	1,000	500				Supplies and Equipment					
	3,000					Fellowships					
15,200	24,325	21,164			61,189	Total					
						<u>UNICEF Supplies and Equipment</u>		+10,000	+5,000	5,000	
15,200	24,325	21,664			61,189	TOTAL LEBANON		10,000	5,000	5,000	

+ Allocated by the UNICEF Executive Board

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

L I B Y A

Pre-Eradication Survey and Malaria Eradication Libya 9
(MESA)

The pre-eradication survey which started in 1958 has progressed and a comprehensive plan for an eradication programme has been developed. The malaria problem in Libya is a minor one, being more pronounced in the Fezzan Oasis, and involves only 100,000 inhabitants. The National Malaria Eradication Service has now been well organized. Provision is made in 1961 for a malariologist and a sanitarian to guide the eradication programme (estimated cost \$17,423); for fellowships (\$2,000), and for supplies (\$500). ICA will provide an entomologist.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRABUDGETARY FUNDS		
59	60	61	62	63	TOTAL				59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	
13,714					13,714	LIBYA					
						<u>Pre-eradication Survey</u> Libya-9 (a)					
						<u>Malaria Eradication</u> Libya-9 (b)					
	1x12m	1x12m	1x12m			Malaria Eradication		P4			
	1x12m	1x6m				Sanitarian		P2			
	21,310	17,423	13,073			Salaries, Allowances, Travel					
	500	500	500			Supplies and Equipment					
	6,000	2,000	2,000			Fellowships					
6,020	27,810	19,923	15,573		69,326	Total					
19,734	27,810	19,923	15,573		83,040	TOTAL LIBYA					

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

P A K I S T A N

Pre-eradication Survey and Malaria Pakistan 36
Eradication (MESA)

The pre-eradication survey which is scheduled to start in September 1959 with two WHO teams, each consisting of a malariologist, an entomologist, a sanitarian and a technician, will provide the required data for a comprehensive plan for the eradication programme.

Assistance to the malaria eradication project will be provided in the amount of \$280,000 in 1960, \$340,000 in 1961, \$533,000 in 1962 and \$534,000 in 1963, to cover advisory staff, supplies, etc. The detailed breakdown of these costs will be on the basis of the recommendations made by the pre-eradication survey project.

Fellowships in the amount of \$15,000 in 1960 and \$5,000 in each of the two years 1961 and 1962 will also be provided. In addition, assistance to the national malaria training centre will be provided to the extent of \$15,000 in 1961, \$10,000 in 1962, and \$5,000 in 1963.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES	GRADE	GENERAL BUDGETARY FUNDS		
59	60	61	62	63	TOTAL			OTHER	FUNDS	(1)
\$	\$	\$	\$	\$	\$			\$	\$	\$
						PAKISTAN				
						<u>Pre-eradication Survey</u>				
						Pakistan-36 (a)				
	2x12m					Malariologist	P4			
	2x12m					Entomologist	P3			
	2x12m					Sanitarian	P2			
	2x12m					Technician	P1			
	87,134					Salaries, Allowances, Travel				
	2,000					Supplies and Equipment				
53,000	89,134				142,134	Total				
						<u>Malaria Eradication</u>				
						Pakistan-36 (b)				
	280,000	340,000	533,000	534,000		Assistance				
	15,000	5,000	5,000			Fellowships				
		15,000	10,000	5,000		Assistance to National Training Centre				
15,000	295,000	360,000	548,000	539,000	1,757,000	Total				
68,000	384,134	360,000	548,000	539,000	1,899,134	TOTAL PAKISTAN				

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

SAUDI ARABIA

Malaria Pre-eradication Survey and
Assistance to Eradication (MESA)

Saudi Arabia 4

The pre-eradication survey started in 1959 and a comprehensive plan of operation for a country-wide eradication programme was developed. The National Malaria Eradication Service has been organized and the attack phase will start in 1961. Provision has been made under the Malaria Eradication Special Account in 1961 for the posts of a malariologist, an entomologist and a sanitarian to assist the Government in the implementation of the eradication programme (estimated cost \$45,397).

Fellowships in the amount of \$6,000, and supplies in the amount of \$1,000, are also included.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA-BUDGETARY FUNDS		
59	60	61	62	63	TOTAL		OTHER		FUNDS	59	60
\$	\$	\$	\$	\$	\$				\$	\$	\$
						SAUDI-ARABIA					
						Malaria Eradication Pilot Project TA/Saudi-Arabia-4 (a)					12,050
						Pre-eradication Survey Saudi-Arabia-4 (b)					
	1x12m					Malariologist		P4			
	1x12m					Entomologist		P3			
	1x12m					Sanitarian		P2			
	1x12m					Technician		P1			
	54,097					Salaries, Allowances, Travel Field Allowances for National Personnel					
	2,500					Supplies and Equipment					
	1,000					Fellowships					
	3,000					Total					
44,750	60,597				105,347						
						Assistance to Eradication Saudi-Arabia-4 (c)					
		1x12m				Malariologist		P4			
		1x12m				Entomologist		P3			
		1x12m				Sanitarian		P2			
		45,397				Salaries, Allowances, Travel					
		1,000				Supplies and Equipment					
		6,000				Fellowships					
		52,397			52,397	Total					
44,750	60,597	52,397			157,744	TOTAL SAUDI-ARABIA					12,050

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

S O M A L I A

Pre-eradication Survey and Malaria Somalia 2
Eradication (MESA)

Epidemiological and entomological evaluation of the residual insecticidal programme carried out since 1958 had indicated the possibility of total interruption of malaria with residual insecticides supplemented with anti-malaria drugs.

The National Anti-Malaria Service has been reorganized to implement an eradication programme.

Provision is made under MESA during 1961 to provide a malarialogist, an entomologist and a sanitarian (estimated cost \$30,073) to help the Government in implementing a malaria eradication programme according to the plan of operation developed by the Government with the help of WHO pre-eradication survey team.

Fellowships in the amount of \$6,000 and supplies in the amount of \$1,000 are also included. UNICEF is also assisting with this programme (see under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA-BUDGETARY FUNDS		
59	60	61	62	63	TOTAL				OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			\$	\$	\$	
9,200					9,200	<u>Malaria Eradication Pilot Project</u> Somalia-2 (a)					
	1x12m					<u>Pre-eradication Survey</u> Somalia-2 (b)					
	1x12m					Malariologist		P4			
	1x12m					Entomologist		P3			
	1x12m					Sanitarian		P2			
	1x12m					Technician		P1			
	39,065					Salaries, Allowances, Travel					
	1,000					Supplies and Equipment					
6,000	40,065				46,065	Total					
		1x12m	1x12m	1x12m		<u>Malaria Eradication</u> Somalia-2 (c)					
		1x12m	1x12m	1x12m		Malariologist		P4			
		1x12m	1x12m	1x12m		Entomologist		P3			
		1x12m	1x12m	1x12m		Sanitarian		P2			
		30,073	30,320	31,596		Salaries, Allowances, Travel					
		1,000	1,000	1,000		Supplies and Equipment					
	6,000	6,000	3,000			Fellowships					
6,000	6,000	37,073	34,320	32,596	115,989	Total					
						<u>UNICEF Supplies and Equipment</u>					
									+ 34,000	34,000 34,000	
21,200	46,065	37,073	34,320	32,596	171,254	TOTAL SOMALIA			34,000	34,000 34,000	

+ Allocated by the UNICEF Executive Board

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

S U D A N

Malaria Eradication Pilot Project and Sudan 6
Pre-Eradication (TA-I and MESA)

The Malaria Eradication Pilot Project in the Fung area of the Blue Nile province is expected to be completed in 1960. Important points about local epidemiology and the methods to interrupt malaria transmission will be included in the final report.

The pre-eradication survey, scheduled to commence in 1960, will complete its mission and submit a comprehensive plan for a malaria eradication programme for the whole country by the end of 1961.

Provision under MESA during 1961 includes the services of a malariologist, an entomologist, a sanitarian and a technician (estimated cost \$42,398). Supplies and equipment (\$500), fellowships (\$8,000), and partial payment of salaries (\$2,500), are also included.

Provision is also made under Technical Assistance for the services of a malariologist and an entomologist through 1961 (estimated cost \$17,950). Supplies and equipment in the amount of \$1,600 are also included.

UNICEF is also assisting with this programme (see under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA-BUDGETARY FUNDS OTHER FUNDS		
59	60	61	62	63	TOTAL				59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	
						SUDAN					
						<u>Malaria Eradication Pilot Project</u>					
						TA/Sudan-6 (a)					
						Malariaologist	P4		1x12m	1x12m	
						Entomologist	P3		1x12m	1x12m	
						Salaries, Allowances, Travel			17,683	17,950	
						Supplies and Equipment			1,000	1,600	
						Total		43,385	18,683	19,550	
						<u>Pre-eradication Survey</u> Sudan-6 (b)					
						Malariaologist	P4				
						Entomologist	P3				
						Sanitarian	P2				
						Technician	P1				
						Salaries, Allowances, Travel					
						Field Allowances to National Personnel					
						Supplies and Equipment					
						Total					
						<u>Malaria Eradication</u> Sudan-6 (c)					
						Malariaologist	P4				
						Entomologist	P3				
						Sanitary Engineer	P3				
						Administrative Assistant	P2				
						Salaries, Allowances, Travel					
						Supplies and Equipment					
						Fellowships					
						Total					
	1x12m	1x12m									
	1x12m	1x12m									
	1x12m	1x12m									
	1x12m	1x12m									
	43,350	42,398									
	1,250	2,500									
	1,000	500									
9,000	45,600	45,398			99,998						
			1x12m	1x12m							
			1x12m	1x12m							
			1x12m	1x12m							
			1x12m	1x12m							
			44,643	46,249							
			1,000	1,000							
	8,000	8,000	2,000	2,000							
8,700	8,000	8,000	47,643	49,249	121,592						

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES	GRADE	EXTRA-BUDGETARY FUNDS		
59	60	61	62	63	TOTAL			OTHER	FUNDS	
\$	\$	\$	\$	\$	\$		59	60	61	
						SUDAN (Ct'd)				
						<u>UNICEF Supplies and Equipment</u>				
							+ 54,000	30,500	30,000	
17,700	53,600	53,398	47,643	49,249	221,590	TOTAL SUDAN	97,385	49,183	49,550	

+ Allocated by the UNICEF Executive Board.

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

T U N I S I A

Malaria Eradication (TA and MESA)

Tunisia 17

The pre-eradication survey team which began its operations in mid-1958 and is expected to complete its work in mid-1960 will finalize the details of the plan of operation for the eradication programme among the 2,500,000 persons under malaria risk.

Provision is made during 1961 under MESA for the services of a senior malariologist and an administrative officer (estimated cost \$23,321); for supplies and equipment (\$500), and for fellowships (\$2,500). Under Technical Assistance provision is made for the services of an entomologist and a sanitarian (estimated cost \$13,446) and for supplies (\$2,000).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA-BUDGETARY FUNDS OTHER FUNDS		
59	60	61	62	63	TOTAL				59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	
							TUNISIA				
							<u>Pre-eradication Survey</u>				
							Tunisia-17 (a)				
	1x6m						Malariologist	P4			
	1x6m						Entomologist	P3			
	1x6m						Sanitarian	P2			
	1x6m						Technician	P1			
	20,131						Salaries, Allowances, Travel				
	2,500						Field Allowances to National Personnel				
	500						Supplies and Equipment				
42,330	23,131				65,461		Total				
							<u>Malaria Eradication</u> Tunisia-17 (b)				
	1x6m	1x12m	1x12m	1x12m			Malariologist	P4			
	1x12m	1x12m	1x12m	1x12m			Administrative Officer	P1			
	17,460	23,321	23,701	22,681			Salaries, Allowances, Travel				
	83,000	500	500	500			Supplies and Equipment				
	5,000	2,500					Fellowships				
32,000	105,460	26,321	24,201	23,181	211,163		Total				
							<u>Malaria Eradication TA/Tunisia-17 (b)</u>				
							Entomologist	P3	1x6m	1x12m	
							Sanitarian	P2	1x6m	1x12m	
							Salaries, Allowances, Travel		7,241	13,446	
							Supplies and Equipment		500	2,000	
							Total		7,741	15,446	
74,330	128,591	26,321	24,201	23,181	276,624		TOTAL TUNISIA		7,741	15,446	

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

UNITED ARAB REPUBLIC - PROVINCE OF EGYPT

Malaria Eradication (MESA)

Egypt 23

The pre-eradication survey started in 1959 and developed a comprehensive plan of operation for a country-wide eradication programme. The National Malaria Eradication Service has been duly organized and the attack phase is expected to start in 1961. It is expected to last until 1965 when the total population exposed to malaria risk, approximately 14,000,000, will be covered by surveillance.

During 1961, provision has been made under Malaria Eradication Special Account for the posts of a malariologist and an administrative officer to assist the Government in the eradication programme (estimated cost \$20,333). Supplies in the amount of \$4,000 are also included.

UNICEF is expected to assist (see under Other Funds).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRA BUDGETARY FUNDS		
59	60	61	62	63	TOTAL				OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			\$	\$	\$	
						UNITED ARAB REPUBLIC PROVINCE OF EGYPT					
						Pre-eradication Survey Egypt-23 (a)					
						Malariaologist		P4			
						Salaries, Allowances, Travel					
						Partial Payment of Salaries					
						Total					
						Malaria Eradication Egypt-23 (b)					
						Malariaologist		P4			
						Administrative Officer		P2			
						Salaries, Allowances, Travel					
						Supplies and Equipment					
						Fellowships					
						Total					
						UNICEF Supplies and Equipment				40,000 800,000	
						TOTAL U.A.R. - PROVINCE OF EGYPT				40,000 800,000	

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

UNITED ARAB REPUBLIC - PROVINCE OF SYRIA

Malaria Eradication (TA and MFSA)

Syria 2

The attack phase started in 1957. By 1959, surveillance activities had started in three provinces (Damascus, Deraa and Homs) out of six in the country, where interruption of transmission was achieved with residual spraying. During 1961, the whole population under malaria risk (approximately 1,300,000) will be covered by surveillance and residual spraying will be limited to 250,000 inhabitants in Gazeira area. Because of delays in execution of the original plan of operation, which was to terminate at the end of 1960, a new comprehensive plan was developed to extend the tripartite agreement until 1964 when the goal of eradication will be reached.

Under Technical Assistance, provision has been made during 1961 to continue the services of the WHO team consisting of a malariologist and a sanitarian (estimated cost \$14,564). Supplies and equipment in the amount of \$1,000 are also provided.

Provision has also been made under the Malaria Eradication Special Account for an administrative officer for twelve months and a sanitarian for six months (estimated cost \$13,413), and supplies (\$500).

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES	GRADE	EXTRA BUDGETARY FUNDS			
59	60	61	62	63	TOTAL			OTHER FUNDS	59	60	61
\$	\$	\$	\$	\$	\$			\$	\$	\$	\$
						UNITED ARAB REPUBLIC PROVINCE OF SYRIA					
						<u>Malaria Eradication</u> TA/Syria-2					
						Malariologist	P4		1x12m	1x12m	
						Sanitarian	P2		1x12m	1x12m	
						Salaries, Allowances, Travel			14,452	14,564	
						Supplies and Equipment			1,000	1,000	
						Total		26,488	15,452	15,564	
						<u>Malaria Eradication</u> Syria-2					
						Sanitarian	P2				
						Administrative Officer	P2				
						Salaries, Allowances, Travel					
						Supplies and Equipment					
						Fellowships					
						Total					
						<u>UNICEF Supplies and Equipment</u>		+156,000	223,000	150,000	
						TOTAL U.A.R. - PROVINCE OF SYRIA		182,488	238,452	165,564	

+ Allocated by the UNICEF Executive Board.

EASTERN MEDITERRANEAN REGION

MALARIA PROGRAMMES

INTER-COUNTRY PROGRAMME

Regional Malaria Eradication Training EMRO 19
Centre (MESA)

The objective of this Training Centre, which started functioning in February 1959, is to train malaria eradication officers and supervisors in modern techniques and procedures of eradication programmes. Fellowships are awarded for this training and approximately twenty-five candidates from the countries of the Region including United Arab Republic, Province of Egypt, are admitted to each course. During 1959, two junior courses and one senior course were given, but in 1960 and 1961 it is expected that two senior courses each year will be organized. The Centre will probably function until the end of 1961.

Under MESA, provision has been made during 1961 for the posts of senior WHO adviser (entomologist), sanitary engineer, technician, and secretary, for twelve months each, and for a short-term consultant epidemiologist for six months (estimated cost \$37,920). Provision for supplies and equipment in the sum of \$5,000 and teaching bonuses in the sum of \$2,500 has also been made.

MALARIA ERADICATION SPECIAL ACCOUNT						EASTERN MEDITERRANEAN REGION MESA PROGRAMMES		GRADE	EXTRABUDGETARY FUNDS		
59	60	61	62	63	TOTAL				OTHER	FUNDS	
\$	\$	\$	\$	\$	\$			59	60	61	
						<u>INTER-COUNTRY PROGRAMME</u>					
						<u>Technical meeting on Malaria Eradication</u> REG/EMRO-18				15,000	
						<u>Regional Malaria Eradication Training Centre</u> EMRO-19					
	1x12m	1x12m				Senior Adviser		P4			
	1x12m	1x12m				Sanitary Engineer		P3			
	1x12m	1x12m				Technician		P2			
	1x12m	1x12m				Secretary		EM.5			
	6m	6m				Consultant					
	36,002	37,920				Salaries, Allowances, Travel					
	2,500	2,500				Teaching bonuses					
	5,000	5,000				Supplies and Equipment					
42,466	43,502	45,420			131,388	Total					
42,466	43,502	45,420			131,388	TOTAL INTER-COUNTRY PROGRAMME				15,000	

ADDITIONAL PROJECTS

**not included in the Proposed
Programme and Budget Estimates.**

ADDITIONAL PROJECTS NOT INCLUDED IN THE PROPOSED
PROGRAMME AND BUDGET ESTIMATES

ETHIOPIA

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Ethiopia-18, further fellowships have been requested in various fields of Public Health, \$10,000.

IRAN

TUBERCULOSIS

Tuberculosis Control, Shiraz

The Government has requested assistance in the establishment of a Tuberculosis Control Demonstration and Training Centre in Shiraz to be used as a teaching unit for medical students, nurses and auxiliary personnel. WHO should provide a medical officer and public health nurse for twelve months each.

Estimated cost, \$19,585.

IRAN (Ct'd)

ENVIRONMENTAL SANITATION

Sanitary Engineering Teaching

The Government of Iran is interested in establishing a department of sanitary engineering at Teheran University. A WHO consultant visited the country and prepared recommendations in 1958, and, as a first step, the post of visiting WHO professor should be established.

Estimated cost for twelve months' service, \$11,775.

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for project Iran-35, further fellowships have been requested in various fields of Public Health, \$10,000.

	Cost US \$		Cost US \$
LEBANON		PAKISTAN	
VENEREAL DISEASES AND TREPONEMATOSES		VIRUS DISEASES	
Venereal Disease Survey	4,100	Communicable Eye Diseases Control	8,800
NUTRITION		DENTAL HEALTH	
Nutrition Survey	3,900	Dental Health Survey	4,400
EDUCATION AND TRAINING		ENVIRONMENTAL SANITATION	
Fellowships	5,000	Assistance in Teaching Sanitary Engineering	14,143
OTHER PROJECTS		EDUCATION AND TRAINING	
Production of Pharmaceuticals	<u>3,900</u>	Assistance to Medical Schools, Pakistan	14,143
Total	<u>16,900</u>	Fellowships	<u>10,000</u>
		Total	<u>51,486</u>
LIBYA			
EDUCATION AND TRAINING			
Training of Laboratory and X-ray Technicians	16,020		
Fellowships	<u>10,000</u>		
Total	<u>26,020</u>		

	Cost US \$		Cost US \$
SAUDI-ARABIA		SUDAN	
PUBLIC HEALTH ADMINISTRATION		ENDEMO-EPIDEMIC DISEASES	
Hospital Administration	16,375	Smallpox Eradication	18,900
MENTAL HEALTH		EDUCATION AND TRAINING	
Mental Health Survey	4,400	Medical Education	14,143
EDUCATION AND TRAINING		Fellowships	<u>10,000</u>
Fellowships	<u>10,000</u>	Total	<u>43,043</u>
Total	<u>30,775</u>		
		TUNISIA	
SOMALIA		EDUCATION AND TRAINING	
ENDEMO-EPIDEMIC DISEASES		Medical Education Survey	3,900
Bilharziasis Survey	5,900	Fellowships	<u>5,000</u>
EDUCATION AND TRAINING		Total	<u>8,900</u>
Fellowships	<u>4,000</u>		
Total	<u>9,900</u>	UNITED ARAB REPUBLIC PROVINCE OF EGYPT	
		EDUCATION AND TRAINING	
		Visiting Professor in Preventive and Social Medicine	13,243
		Fellowships	<u>10,000</u>
		Total	<u>23,243</u>

IRAQ

ENDEMO-EPIDEMIC DISEASES

Poliomyelitis Immunity Study

The Government has requested assistance for serological studies, to clarify the poliomyelitis situation in Iraq. A team of two consultants (medical officer and laboratory technician) would be needed (estimated cost, \$7,800), and also supplies and equipment (\$1,000).

VITAL AND HEALTH STATISTICS

Statistical Adviser to the Government

The Government would like WHO to assist in its aim to reorganize and improve the health statistical section of the Ministry of Health and has requested WHO to provide the services of a statistical adviser.

Estimated cost for twelve months' services, \$11,775.

HEALTH EDUCATION OF THE PUBLIC

Health Education Services

The Government has asked for an adviser to assist the Ministry of Health in establishing a department of health education and in co-ordinating health education programmes throughout the country.

Estimated cost, \$11,775.

IRAQ (Ct'd)

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Iraq-28, further fellowships have been requested in various fields of Public Health, \$5,000.

JORDAN

PUBLIC HEALTH ADMINISTRATION

Public Health and Medical Care Adviser

The Government has requested an adviser to assist in reorganizing and developing the hospital and dispensary services of the country and in planning integrated public health and medical care services.

Estimated cost, \$11,775.

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Jordan-18, further fellowships have been requested in various fields of Public Health, \$5,000.

LEBANON

VENEREAL DISEASES AND TREPONEMATOSES

Venereal Diseases Survey

The Government has asked for a two-month visit by a consultant venereologist, to survey the problem of venereal diseases.

Estimated cost, \$2,600, with \$1,500 for supplies and equipment.

NUTRITION

Nutrition Survey

The Government has asked for a short-term consultant for three months to help in a nutrition survey.

Estimated cost, \$3,900.

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Lebanon-26, further fellowships have been requested in various fields of Public Health, \$5,000.

OTHER PROJECTS

Production of Pharmaceuticals

The Government has requested a consultant on the control of the production and sale of drugs, biologicals, etc.

Estimated cost, \$3,900.

LIBYA

EDUCATION AND TRAINING

Training of Laboratory and X-Ray Technicians

There is a great shortage of trained laboratory and X-ray technicians in Libya and the Government has requested WHO to provide the services of an experienced laboratory technician tutor as well as of an experienced X-ray technician who could conduct training courses in these fields both in Tripoli and Benghazi.

It is estimated that the services of both a WHO laboratory technician and a WHO X-ray technician for twelve months would be \$16,020.

Fellowships

In addition to the provision shown for Project Libya-14, further fellowships have been requested in various fields of Public Health, \$10,000.

PAKISTAN

VIRUS DISEASES

Communicable Eye Diseases Control

The Government has requested assistance in making a survey of trachoma in Pakistan and for advice on any future programme which may be found necessary.

Estimated cost of consultant, \$7,800; supplies and equipment \$1,000.

SAUDI-ARABIA (Ct'd)

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Saudi-Arabia 17, further fellowships have been requested in various fields of Public Health, \$10,000.

SOMALIA

ENDEMO-EPIDEMIC DISEASES

Bilharziasis Survey

A WHO expert visited Somalia and made a short survey of the bilharziasis situation, but there would be a need for a detailed investigation and it is felt that a consultant should stay in the country for about three months.

Estimated cost \$3,900. In addition supplies and equipment would be required to a value of \$2,000.

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Somalia-9, further fellowships have been requested in various fields of Public Health, \$4,000.

SUDAN

ENDEMO-EPIDEMIC DISEASES

Smallpox Eradication

The WHO Regional Smallpox Survey Team visited the country early in 1959, and, as a result of their survey, the Government has requested WHO assistance in conducting a smallpox eradication campaign.

In addition to dried smallpox vaccine to be provided from a USSR gift to WHO the services of a consultant would be required for a three-month period, estimated cost \$3,900 and special equipment and transport to a value of \$15,000.

EDUCATION AND TRAINING

Medical Education

The Government would like WHO to provide the services of visiting professors in various fields of medical education.

The estimated cost of one visiting professor for a twelve-month period would be \$14,143.

Fellowships

In addition to the provision shown for Project Sudan-24, further fellowships have been requested in various fields of Public Health, \$10,000.

PAKISTAN (Ct'd)

DENTAL HEALTH

Dental Health Survey

The Dental School in Lahore is training dental doctors for the country. To guide its programmes and future dental health work an epidemiological survey of dental conditions and assistance in the country is necessary. It is proposed that a survey should be arranged by the national staff, assisted by a short-term consultant provided by WHO.

Estimated cost, \$3,900; supplies and equipment \$500.

ENVIRONMENTAL SANITATION

Assistance in Teaching Sanitary Engineering

The Government has requested WHO assistance in establishing a department of sanitary engineering in Lahore. In case WHO could provide a visiting professor the estimated cost is \$14,143.

EDUCATION AND TRAINING

Assistance to Medical Schools, West Pakistan

In addition to visiting professors already provided in the budget the government has requested one additional post.

Estimated cost, \$14,143.

PAKISTAN (Ct'd)

EDUCATION AND TRAINING (Ct'd)

Fellowships

In addition to the provision shown for Project Pakistan-27, further fellowships have been requested in various fields of Public Health, \$10,000.

SAUDI ARABIA

PUBLIC HEALTH ADMINISTRATION

Hospital Administration

The Government has requested WHO to assist in this programme of developing and improving administrative services in hospitals. WHO is requested to provide an expert in hospital administration.

Estimated cost, \$14,375. Supplies and equipment for demonstration purposes would be needed to a value of \$2,000.

MENTAL HEALTH

Mental Health Survey

The Government has asked for a short-term consultant to survey the country's mental health problem and make recommendations for mental health services, including prevention and medical care.

Estimated cost, \$3,900, with \$500 for supplies and equipment.

UNITED ARAB REPUBLIC
PROVINCE OF SYRIA (Ct'd)

OTHER PROJECTS

Drug Control

The Government is requesting WHO assistance in improving and developing its drug control laboratory and would like to have a special consultant for a three-month period.

Estimated cost \$3,900 for the consultant and laboratory equipment to a value of \$5,000.

Vaccine Production

The Government would like to improve and expand its vaccine production, particularly embarking on the production of triple vaccine. In this connection they would like to have the services of a WHO bacteriologist for a twelve-month period.

Estimated cost \$11,775 and laboratory equipment to a value of \$1,000.

INTER-COUNTRY PROGRAMME

PUBLIC HEALTH ADMINISTRATION

Seminar on Rural Health and Community Development

In 1958 the Regional Committee meeting suggested that the Regional Director, EMRO, study the possibility of holding a seminar on rural health and community development taking into consideration that several

INTER-COUNTRY PROGRAMME (Ct'd)

PUBLIC HEALTH ADMINISTRATION

Seminar on Rural Health and Community Development (Ct'd)

countries in the region have already established rural health services or are embarking on new projects in this field.

There is also increasing interest in community development activities and close cooperation between community development and health programmes is recognized to be of great importance.

The estimated cost for a seminar of this kind would be approximately \$17,600 made up as follows:-

Two-months' consultanship	\$ 2,600
Participants	12,000
Supplies	3,000
	<u>\$17,600</u>
	=====

TUNISIA

EDUCATION AND TRAINING

Medical Education Survey

The Government would be interested in providing facilities for complete medical education in Tunisia. It has requested WHO to provide the services of an expert in school education to advise on plans for this.

Estimated cost for the visit of a consultant for a three-month period, \$3,900.

Fellowships

In addition to the provision shown for Project Tunisia-14, further fellowships have been requested in various fields of Public Health, \$5,000.

UNITED ARAB REPUBLIC

PROVINCE OF EGYPT

EDUCATION AND TRAINING

Visiting Professor in Preventive and Social Medicine

The Government has requested assistance for one of the universities in the Province of Egypt in need of a visiting professor in the field of preventive and social medicine to serve as the head of the department until a qualified national person takes over.

Estimated cost for a twelve-month period for a visiting professor in this field, \$13,243.

UNITED ARAB REPUBLIC

PROVINCE OF EGYPT (Ct'd)

EDUCATION AND TRAINING (Ct'd)

Fellowships

In addition to the provision shown for Project Egypt-39, further fellowships have been requested in various fields of Public Health, \$10,000.

PROVINCE OF SYRIA

ENVIRONMENTAL SANITATION

Community Water Supply

The Government has requested WHO to study the possibility of providing a survey team consisting of a sanitary engineer, a geologist, a water chemist and an economist, to study the water supply problem in certain areas of the Province of Syria as a comprehensive technical and financial question.

The estimated cost of these four experts for a twelve-month period would be \$45,555.

EDUCATION AND TRAINING

Fellowships

In addition to the provision shown for Project Syria-28, further fellowships have been requested in various fields of Public Health, \$10,000.

INTER-COUNTRY PROGRAMME

VITAL AND HEALTH STATISTICS

Vital and Health Statistics Seminar

For several years it has been planned to hold a seminar on vital and health statistics. Participants attending this seminar would be administrators and statisticians responsible in the ministries of health for health statistics. It is intended that the seminar should pay special attention to the improvement of statistical methods, the organization of statistical services and reporting systems.

It is estimated that a two-week seminar would cost approximately \$16,300 made up as follows:-

One-month consultanship	\$ 1,300
Participants	12,000
Supplies	<u>3,000</u>
	\$16,300
	=====

COST ESTIMATES - ADDITIONAL PROJECTS

	Cost US \$		Cost US \$
ETHIOPIA		IRAQ	
EDUCATION AND TRAINING		ENDEMO-EPIDEMIC DISEASES	
Fellowships	<u>10,000</u>	Poliomyelitis Immunity Study	8,800
Total	<u>10,000</u>	VITAL AND HEALTH STATISTICS	
		Statistical Adviser to the Government	11,775
IRAN		HEALTH EDUCATION OF THE PUBLIC	
TUBERCULOSIS		Health Education Services	11,775
Tuberculosis Control, Shiraz	19,585	EDUCATION AND TRAINING	
ENVIRONMENTAL SANITATION		Fellowships	<u>5,000</u>
Sanitary Engineering Teaching	11,775	Total	<u>37,350</u>
EDUCATION AND TRAINING		JORDAN	
Fellowships	<u>10,000</u>	PUBLIC HEALTH ADMINISTRATION	
Total	<u>41,360</u>	Public Health and Medical Care Adviser	11,775
		EDUCATION AND TRAINING	
		Fellowships	<u>5,000</u>
		Total	<u>16,775</u>

	Cost US \$
UNITED ARAB REPUBLIC PROVINCE OF SYRIA	
ENVIRONMENTAL SANITATION	
Community Water Supply	45,555
EDUCATION AND TRAINING	
Fellowships	10,000
OTHER PROJECTS	
Drug Control	8,900
Vaccine Production	<u>12,775</u>
Total	<u>77,230</u>
Total - U.A.R.	<u>100,473</u>

	Cost US \$
INTER-COUNTRY PROGRAMME	
PUBLIC HEALTH ADMINISTRATION	
Seminar on Rural Health and Community Development	17,600
VITAL AND HEALTH STATISTICS	
Vital and Health Statistics Seminar	<u>16,300</u>
Total	<u>33,900</u>
GRAND TOTAL	<u>426,882</u> =====