

AGRICULTURAL SECTOR (Contd..)		Investments during the Plan Period		
Project and Activity	Type	Local	Foreign	Total
<u>- Development of Fisheries</u>				
53. Fisheries Development	new	26275	42150	68425
54. Support to the Fisheries Corp.	ongoing	13600	27300	40500
55. Fish & Shrimp breeding ponds	new	7000	13000	20000
56. Fishing Net Production	new	7000	13000	20000
Sub-Total		53475	95450	148925
<u>- Replacement and Renovation</u>				
57. Replacement/Renovations of projects	new	13200	74800	88000
Sub-Total		13200	74800	88000
GRAND TOTAL		1379935	1640090	3019725

C. Projects under Preparation

The projects mentioned above have first priority. Their planned investment figures during the years of the Plan correspond to the sector investments. There are certain additional projects currently under preparation; their approximate investment costs are as follows:

Project	Estimated Investment Cost (in thousand rills)
1. Dev. of Wadi Laa'a & Wadi Mawza	95000
2. Exploitation of Fish Resources	68250
3. Dev. of Wadi Rasian	68362
4. Dev. of Tanneries in rural areas	5675
Total	<u>237287</u>

2. Mining Sector

The fixed capital investments for the mining sector total 905 million rials. These investments are broken down by sector (public/private) and by type of financing (foreign/local currency), as follows:

TABLE IV

Distribution of Investment by sector (public/private)

Sector	Total Investments					
	Local		Foreign		Total	
	Million Rials	%	Million Rials	%	Million Rials	%
Public sector	111	16.4	566	83.6	677	74.8
Private sector	63	29.8	160	70.2	228	25.2
Total	179	19.8	726	80.2	905	100.0

The above table shows that the costs in local currency represent 19.8% of the total investments in that sector. The rest, i.e. 80.2% is the cost in foreign currency. It is expected that the public and mixed sectors will carry out 74.8% of the total fixed capital investments and the private sector will undertake 25.2%.

A. Financing

It is expected that the investments in this sector will be effected through drawings on foreign loans and grants as well as other sources, including direct investment in accordance with the following table:

TABLE V

Financing the fixed capital investments in the Mining Sector.

Source of Financing	Million Rials	Million Dollars	%
Foreign Loans and Grants	600	133.3	66.3
Other	305	67.9	33.7
Total	905	201.1	100.0

In other words, drawings on foreign loans and grants will be used to finance 66.3% of the total fixed capital investments in this sector. This will cover about 83% of the foreign currency costs. The other sources will finance 33.7% of the total investments, and will cover all local currency costs in addition to about 17% of the costs in foreign currency.

B. Investments of the Public Sector & the Mixed Foreign Sector by
Activities & Projects

Copper, ore, coal, lead and silver ores have been discovered in the Yemen Arab Republic. The Second Five-Year Plan seeks to exploit those deposits. This may be done with the participation of direct foreign investment.

The country's mineral wealth has not yet been adequately studied or explored. Therefore, prospecting and exploration will constitute an important investment field in this sector. Foremost are the search for oil and increasing the production of building materials. The following table shows the projects which are expected to be implemented by activity and whether the project is new or ongoing.

TABLE VI

Investments of the Public and Foreign-Mixed Sectors, according to
Activity and Project

(in Million Rials)

Activity/Project	Type of Project	Investment during the Plan Period		
		Local	Foreign	Total
<u>- Ferrous Metals</u>				
1. Completion of Feasibility Studies of Copper - Hamoura	ongoing	-	8.	8
2. Hamqura Copper Project	new	79	287	357
3. Geological Survey, (Beida-Rada'a-Maareb)	new	4	30	34
4. Geological map for both parts of Yemen	new	6	60	66
5. Geothermal Energy	new	2	8	10
6. Survey of Radio-active materials	new	2	8	10
Sub-Total		94	401	485

Activity/Project	Type of Project	Investment during the Plan Period		
		Local	Foreign	Total
<u>- Oil</u>				
7. Oil Exploration in the North	new	4.6	66.9	71.5
8. Review of the Evaluation of oil Explorations in the Western areas	new	9.9	13.1	14.0
Sub-Total		5.5	80.0	85.5
<u>- Salt Extraction</u>				
9. Development of Salif Salt mines	new	1.5	10.0	11.5
Sub-Total		1.5	10.0	11.5
<u>- Building Materials</u>				
10. Study & Evaluation of building areas	new	1.0	4.0	5.0
11. Stone quarries, Sanaa	new	5.3	19.7	25.0
12. Gypsum Production	new		27.6	35.0
13. Marble Production	new	6.3	23.7	30.0
Sub-Total		20.0	75.0	95.0
TOTAL		111.0	566.0	677.0

Investments in the field of ferrous metals account for the greater part of the investments in this sector. 465 million rials were earmarked for this activity, a 54% of the total investments for the mining sector as a whole. Of these activities, the Hamoura copper extraction project is perhaps the most important; an estimated 357 million rials will be invested in the project during the period of the Plan. This represents 39% of the total investments for the mining sector as a whole and 53% of the total public sector investment in mining.

Another very important project is the General Geological Survey at an estimated cost of 34 million rials. Also very significant is the project to draft a geological map for both parts of the Yemen, the investment cost of which is estimated at 66 million rials.

85.5 million rials have been earmarked to oil prospection in the Northern areas and review of prospection results in the western region; this represents 9.4% of total investment of this sector and 12.6% of public sector investment in mining. Direct foreign investments could participate in financing this activity.

As was mentioned above, among the most important investment activities in this sector are projects for the evaluation and extraction of raw building materials. 95 million rials has been allocated for this project, or 10.5% of the total investments in this sector, and 14% of the public sector's investments. Foremost among the activities in this field are the extraction of stones and rocks for building, at a cost of 25 million rials; gypsum production, at a cost of 35 million rials; and marble production, at a cost of 30 million rials. In addition, an investment of 11.5 million rials is planned to expand and develop the Salt mines at Salif.

C. Projects in Preparation

The following are projects which are under preparation and their initial estimated cost:

1. Mining in the Sa'ada, Mahwit and Hujja areas (300 million rials).
2. Silver, coal and Zinc projects in the area of Mahan (400 million rials).
3. Strengthening the authority and establishment of small geological teams (30 million rials).

3. Manufacturing

The following table shows the distribution of investment in manufacturing by sector and type of capital cost (local/foreign):

TABLE VII

Distribution of Priority Investments by Sector

Sector	Gross Fixed Capital Investments					
	Local		Foreign		Total	
	Million Riels	%	Million Riels	%	Million Riels	%
Public sector	794.6	40.0	1188.4	60.0	1982.4	56.5
Mixed sector	116.5	27.6	305.7	72.4	422.2	12.0
Sub-Total - Public & Mixed	910.5	37.9	1494.1	62.1	2404.6	68.5
Private Sector	414.3	37.5	691.1	62.5	1105.4	31.5
Total	1324.8	37.7	2185.2	62.3	3510.0	100.0

Table 7 shows that local currency cost represents 37.7% of the total sector investments and the costs in foreign currency comprise 62.3%. The public sector is expected to spend 56.5% of the total investments, the mixed sector 12%, and the private sector 31.5%.

A. Financing

The financing of investments in manufacturing is expected to be effected through drawings on foreign loans and grants, as well as from other sources, including direct foreign private investments, as shown in table 8 below:

TABLE VIII

Financing of Fixed Capital Investments in manufacturing.

Sources of Financing	Million Riels	Million Dollars	%
Foreign Loans and Grants	1500	333.3	42.7
Others	2910	446.7	57.3
Total	3510	780.0	100.0

It can be seen from the table that drawings on foreign loans and grants will finance 42.7% of fixed capital investments planned for implementation during the present Plan period. This will cover about 69% of the total foreign currency costs. The other sources will finance 57.3% of the fixed capital investment costs and will cover the total costs in local currency as well as about 31% of the cost in foreign currency.

B. Investments by Industrial Activities

The investments in this sector are distributed over the main industrial activities as shown in table 9.

TABLE IX

Priority Investments ⁱⁿ Manufacturing by Activities.

(in thousand rials)

Type of Activity	Local	Foreign	Total	%
a. Food, Beverages & Tobacco	179610	298450	478060	13.6
b. Ginning, spinning, weaving, & ready-made clothes	70000	66000	166000	4.7
c. Chemicals	121245	248955	370000	10.5
d. Building Materials	580337	956189	1536526	43.8
e. Metallurgical Industry	122077	301710	424595	12.1
f. Wood and Timber	12500	7500	20000	0.6
g. Printing & Publishing	29800	40200	70000	2.0
h. Tanneries & Leather	28000	24500	52500	1.5
i. Small-scale Industries	5300	25000	30300	0.9
j. Support to Industrial & Training Centres	155241	81710	236951	6.8
k. Replacement & Renovation	15000	35000	100000	2.8
l. Studies	5000	20000	25000	0.7
Total	1324778	2185222	3510000	100.0

It appears from the above table that the greater part of investments in manufacturing is concentrated in building materials, to which 1536.5 million rials are allocated, representing 43.8% of the total fixed capital investments planned for this sector. This is followed by food, beverages, and tobacco industries representing 13.6% of the total; metallurgical industries with 12.1%; and chemical industries, with 10.5%.

In view of the importance of training in raising the capacities of the industrial sectors and increasing its production as well as its productivity, 6.8% of the total capital investment in this sector has been allocated to industrial training centres.

The balance of the fixed capital investments for this sector are distributed as follows: Cotton ginning, spinning, weaving, and ready-made garments, 4.7%; replacement and renovation, 2.8%; printing and publishing 2.0%; tanneries and leather industries, 1.5%; small (cottage) industries, 0.9%; studies and surveys, 0.7%; and wood and timber, 0.6%.

Projects by Sector and Activities

The following table presents the planned investments in priority projects in manufacturing by sectors and industrial activity.

TABLE X

Planned Investments by Projects and Activities.

(in 1966 Rials)

Activity/Projects	Type	Investments during the Plan		
		Local	Foreign	Total
- I. <u>Public Sector</u>				
A. <u>Food, Beverages & Tobacco Industries</u>				
1. Tomato-Paste Factor	expanding	5000	2500	8000
2. Fish Canneries	new	31000	59000	100000
Sub-Total		37000	71000	118000

TABLE X (Continued)

Activity/Project	Type	Investment during the Plan		
		Local	Foreign	Total
B. <u>Cotton-ginning, spinning, weaving & ready-made cloth.</u>				
3. Estab. a cotton-ginning Plant	new	21000	11000	32000
4. Spinning & weaving Mill	new	15000	14000	29000
Sub-Total		36000	25000	61000
C. <u>Chemical Industries</u>				
5. Household & Agric. Insectici.	new	15000	24000	40000
Sub-Total		16000	24000	40000
D. <u>Prod. of Build. Materials</u>				
6. Bajil cement factory Expan.	ongoing	60067	35454	95321
7. Comp. of Amran Cement Fac.	ongoing	130000	107700	237700
8. Cement factory, Mafraq	new	24061	483250	724111
9. Glass factory, Saada	new	20500	56150	76650
Sub-Total		452228	682554	1134782
E. <u>Metallurgical Industries</u>				
10. Fac. for Concrete Reinforcing rods.	new	64975	185925	250900
11. Iron Foun. & Gen. workshop	new	22421	44259	66680
Sub-Total		86491	230184	316675
F. <u>Supp. to Indus. & Train. Cen. & Quality Cen. Laboratory</u>				
12. Supp. to the Indus. sector	new	11966	4000	15966
13. Quality Cen. Labs.	new	12527	10100	22627
14. Vocational Train. Cen.	new	17250	11552	29102
15. Tech. Dev. Cen.	new	10850	4150	15000
16. In-plant train.	new	20000	23000	43000
17. Indus. Complexes	new	100047	23609	124256
Sub-Total		155240	81711	236951
G. <u>Replacement & Renovation</u>				
18. Rep. & Renov. of projects	new	110000	60000	70000
Sub-Total		110000	60000	70000

(table X contd...)

(Table A Contd.)

Activity & Project	Type	Investments during the Plan		
		Local	Foreign	Total
<u>B. Studies & Surveys</u>				
19. Miscellaneous studies	new	3000	12000	15000
Sub-Total		3000	12000	15000
TOTAL INVESTMENTS OF PUBLIC SECTOR		793965	1188448	1982413
<u>II. Private Sector</u>				
<u>A. Food, Beverages & Tobacco</u>				
20. Prod. of Macaroni (noodles)	ongoing	2360	4000	6360
21. Grain-milling proj.	new	58000	122000	210000
22. Comp. of Taiz Biscuit fac.	ongoing	2000	15000	17000
23. Comp. of "7-up" Bott. Plant	ongoing	3000	2000	5000
24. Mineral Water Bottling Plant	new	18000	15200	33200
25. Concentrated Animal Feed Fac.	new	31250	2250	25000
26. Starch & Glucose Fac.	new	38000	62000	100000
Sub-Total		144010	225450	370060
<u>B. Cotton-spinning, spinning, weaving & ready-made garments</u>				
27. Prod. of ready-made garments	new	16500	38500	55000
28. Blanket factory	new	7000	13000	20000
29. Underwear & knitting fac.	new	10500	19500	30000
Sub-total		34000	71000	105000
<u>C. Chemical Industries</u>				
30. Prod. of household & agric. Insecticides	new	4500	4000	8500
31. Soap & Detergent fac.	new	16000	24000	40000
32. Table-salt, caustic soda &	new	24000	36000	60000
33. Dry-cell battery fac.	new	22100	47900	70000
34. Safety-match fac.	new	15700	19300	35000
35. Oxygen & Acetylene fac.	new	2900	5000	7900
Sub-total		80200	136800	217000

TABLE X (Continued)

Activity or Project	Type	Investments during the Plan		
		Local	Foreign	Total
<u>D. Building Materials Industry</u>				
36. Marble-cutting & polishing plant	new	6768	9632	16400
37. Sanitary-ware & ceramic tiles plant	new	12075	22925	35000
38. Mechanical stone & rock-crushing plant	new	18652	27532	46184
Sub-Total		37495	60089	97584
<u>E. Metallurgical Industries</u>				
39. Nail Factory	new	2810	1951	4761
40. Aluminium products factory	new	1098	1518	2616
41. Metal-coated prod. fac.	new	173	365	538
42. Two-production-workshops	new	26321	71534	107915
Sub-Total		36381	71534	107915
<u>F. Wood & Timber Industries</u>				
43. Factory for wooden doors & windows	new	12500	7500	20000
Sub-Total		12500	7500	20000
<u>G. Printing & Publishing</u>				
44. Printing Press	new	29800	40200	70000
Sub-Total		29800	40200	70000
<u>H. Tanneries & Leather Products</u>				
45. Tannery	new	20000	12500	32500
46. Shoes & Leather Products factory	new	8000	12000	20000
Sub-Total		28000	24500	52500
<u>I. Small-scale (Cottage) Industries</u>				
47. Miscellaneous Projects	new	5368	25000	30368
Sub-Total		5368	25000	30368

(table X contd...)

Activity/Projects	Type	Investments during the Plan		
		Local	Foreign	Total
<u>J. Replacement</u>				
48. Miscellaneous projects	new	4000	21000	25000
Sub-Total		4000	21000	25000
<u>K. Studies & Surveys</u>				
49. Miscellaneous studies	new	2000	8000	10000
Sub-Total		2000	8000	10000
TOTAL PRIVATE SECTOR INVESTMENTS		414354	691373	1105427
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<u>III. Mixed Sector</u>				
<u>A. Chemical Industries</u>				
50. Pharmaceuticals fac.	new	24245	60155	113000
Sub-Total		24245	60155	130000
<u>B. Build. Materials Indus.</u>				
51. Sand stone factory	new	30014	110350	142364
52. Asbestos Prod. fac.	new	44621	70379	121000
53. Cement Prefabricated housing	new	9009	30011	40500
Sub-total		90014	210540	304100
<u>C. Replacement & Renovation</u>				
54. Miscellaneous projects	new	1000	4000	5000
Sub-Total		1000	4000	5000
TOTAL INVESTMENTS OF THE MIXED SECTOR		110459	305701	422160
TOTAL INVESTMENTS BY THE INDUSTRIAL SECTOR		1324773	2105222	3510000
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D. Projects under Preparation

Projects under preparation in manufacturing and their respective investment costs are shown below:

<u>Project</u>	<u>Estimate Cost</u>
1. Textile factory Dhamar	134 million rials
2. Industrial complexes	352 million rials
3. Industrial areas	164 million rials
Total	<u>650 million rials</u>

4. Electricity and Water

Fixed capital investments included in the Second Five-Year Plan for Water and Electricity are broken down in the following table (XI) by sector and type of capital expenditure costs (local or foreign currency):

TABLE XI

Investments in Electricity and Water by Sector

Sector	Total Fixed Capital Investments					
	Local		Foreign		Total	
	Million Rials	%	Million Rials	%	Million Rials	%
Public sector	558.9	24.3	1741.1	75.7	2300.0	96.3
Private sector	9.0	22.5	31.0	77.5	40.0	1.7
Total	567.9	24.3	1772.1	75.7	2340.0	100.0

The above table shows that the public sector will be making 96% of the investments of this sector. The investments of the private sector mainly consist of generating units of electricity. Costs in local currency constitute 24.3% of the total expenditure, with foreign currency costs amounting to 75.7%

A. Financing

The Plan envisages to finance the investments of this sector through drawings on foreign loans and grants, in addition to other sources, as indicated in the following table (12).

TABLE XII

Financing the fixed capital investments in the sector of water and Electricity.

Source of Financing	Million Rials	U.S. Dollars	%
Foreign Loans & Grants	1252	411.1	79.0
Other	496	161.9	21.0
Total	1748	573.0	100.0

Table XII shows that the foreign loans and grants will be financing 79% of the fixed capital investments in this sector, which cover slightly more than the foreign currency component of the costs of all water and electricity projects. The other sources will be financing a 21% of the fixed capital investments.

B. Investments by Activities & Projects

Electricity projects consist of four main types: increasing the generated capacity; transmission; improving distribution to consumers; and, raising the capacity of Yemen General Electrical Corporation, the organization responsible for implementing all electricity projects. Water projects will concentrate on improving the water-supply and sewerage systems in a number of towns and cities.

Table XIII below, lists the priority projects in the Plan.

TABLE XIII

Investments by Projects and Activities

(in thousand Rials)

Project and Activity	Type	Investments during the Plan Period		
		Local	Foreign	Total
I. <u>Public Sector</u>				
A. <u>Electricity</u>				
1. Power Project	Ongoing	27891	251023	278914
2. Dhamar-Taiz Transmission Lines	Ongoing	5480	49300	54780
3. High-Tension Power Lines	New	4500	40500	45000
4. Reinforcing City Networks	Ongoing	7476	67284	74760
5. Rural Electrification, Phase II	Ongoing	9125	82125	91250
6. Power Project, Phase III	New	70552	515216	585768
7. Strengthening the Electricity Authority	New	49000	21000	70000
Sub-Total		174024	1026448	1200472
B. <u>Water and Sewerage</u>				
8. Sana'a Water Supply, Phase II	Ongoing	37429	69510	106939
9. Sana'a Sewerage, Phase I	Ongoing	86365	160394	246759
10. Water and Sewerage, Hodeida	Ongoing	49591	92099	141690
11. Water and Sewerage, Taiz	Ongoing	87768	162998	250766
12. Water and Sewerage, Ibb & Dhamar	New	123681	229693	353374
Sub-Total		384834	714694	1099528

TABLE XIII (Continued)

Project and Activity	Type	Investments during the Plan Period		
		Local	Foreign	Total
II. <u>Private Sector</u>				
A. Electricity		2000	18000	20000
B. Water and Sewerage		7000	13000	20000
Total Private Investments		9000	31000	40000
TOTAL Sector's Investments		567858	1772142	2340000
TOTAL Investments for Electricity		176024	1044448	1220472
TOTAL Investments for Water & Sewerage		391834	745694	1119528

Table XIII shows that 52.2% of the fixed capital investments are earmarked for electricity and 47.8% for the water and sewerage sector.

Projects Under Preparation

Several projects are under preparation in the sector of electricity and water. Their estimated costs are as follows:

<u>Project</u>	<u>Estimated Cost, in Mil. Rials</u>
1. Completion of Power Project, Phase II	990
2. Reinforcing City Network, Phase II	220
3. Rural Electrification Project	220
Sub-Total	1430
<u>Water and Sewerage</u>	
4. Sana'a Sewerage Project, Phase III	390
5. Water and Sewerage Project for Seven Cities (II)	338
6. CYDA ^a and Rural Water Supply Projects	300
Sub-Total	1028
TOTAL	2458

5. Construction

In view of the importance of the contracting sector in the execution of building and construction works, the Government intends to support it in the manner mentioned earlier. The Plan has therefore allocated to this sector an amount of 640 million Rials of the fixed capital investments, or US\$ 142 million, i.e. 2.3% of the total fixed capital investments provided by the Plan. These investments are to be distributed equally between

^a Confederation of Yemeni Development Association

the public and private sectors. These investments are earmarked for equipment and machinery., all of which are considered essential to enable this sector to carry out its work. It is understood that approximately 90% of the expenditure will be in foreign currency because of the necessity of importing such equipment from abroad.

6. Trade and Catering Services

The total fixed capital investments earmarked for this sector during the Plan period are estimated at 2,370 million Rials. This distribution of fixed capital investments by ^{the} public and the private sectors and by foreign and local currencies is shown below:

TABLE XIV

Investments by Sector

Sector	Total Fixed Capital Investment					
	Local		Foreign		Total	
	Mil. Rials	%	Mil. Rials	%	Mil. Rials	%
Public Sector	217.5	25.2	646.5	74.8	864.1	30.1
Private Sector	401.2	20.0	1604.7	80.0	2005.9	69.9
TOTAL	618.8	21.6	2251.2	78.4	2870.0	100.0

The above Table shows that public sector investments equal 30.1% of the total investments planned for the sector of trade. It is expected that the private sector will carry out the rest of the investments. The expenditure in local currency is estimated at about 22% and foreign currency 78% of the total fixed capital investments.

A. Financing

The financing of the capital investments for this sector is expected to come from internal sources, in addition to direct foreign investments in the form of joint ventures.

B. Investments by Project

The projects which are planned for execution by the private sector are varied and include tools, equipment, building materials, buildings and implements required in the activities of trade and catering services.

The investments of the public sector, by executing agencies and by projects are shown in the following table:

TABLE XV

Public Sector Projects by Executing Agencies (in million Riels)				
Executing Agency/Project	Type	Investment during the Plan Period		
		Local	Foreign	Total
<u>A. Ministry of Supply</u>				
1. Standardization and Quality Control Authority	New	6.0	24	30.0
2. Storage and Warehouses	New	4.2	7.8	12.0
3. Consumer Surveys & Studies	New	0.3	1.0	1.3
Sub-Total		10.5	32.8	43.3
<u>B. Yemeni Grain Corporation</u>				
4. Administration Building	Ongoing	1.0	2.0	3.0
5. Expansion of Grain Silos	Ongoing	2.0	8.0	10.0
6. Salif Grain Silos	New	14.0	100.0	114.0
7. Hodeida Bakery	New	2.0	6.0	8.0
Sub-Total		19.0	116.0	135.0

TABLE XV (Continued)

TABLE XV (continued)

Executing Agency/Project	Type	Investments during the Plan Period		
		Local	Foreign	Total
C. Foreign Trade Corporation				
8. Completion of Ta'iz Building	Ongoing	1.0	2.0	3.0
9. Building of the Hodeida Office	Ongoing	2.5	4.5	7.0
10. Equipment and Machines	New	-	1.5	1.5
11. Purchase of Assets of Yemori Company	Conv.	6.0	-	6.0
D. Economic Corporation for the Armed Forces				
12. Construction of Wharehouses	New	0.9	1.6	2.5
13. Administration Buildings	New	0.9	1.6	2.5
14. Branch Building	New	2.5	4.7	7.2
15. Overland Transport Fleet	New	-	5.8	5.8
16. Maintenance Workshop	New	0.2	0.8	1.0
E. Yemen Petroleum Corporation				
17. Increasing Storage Capacity	New	140.0	260.0	400.0
18. Oil Pipelines	New	2.5	22.8	25.3
19. Tanker Trucks	New	-	19.9	19.9
20. Storage and Bottling of Gas	New	8.0	72.0	80.0
21. Aircraft Refueling Units	New	-	5.3	5.3
22. Fire-Extinguisher Units (fire-on-fire)	New	-	35.4	35.4
23. Liquid Gas Container Trucks	New	-	9.6	9.6
24. Office Building Extensions	New	6.3	11.7	18.0
25. Wharehouses for Oils and Lubricants	New	1.3	2.3	3.6
26. Computer Centre	New	-	6.2	6.2
Sub-Total		158.1	445.2	603.3

TABLE XV (Continued)

Executing Agency/Project	Type	Investments during the Plan Period		
		Local	Foreign	Total
F. Food and Nutrition				
<u>Permanent Committee</u>				
27. Strengthening and Reorganization of the Committee	New	2.0	4.0	6.0
Sub-Total		2.0	4.0	6.0
G. Consumers Co-operative for Civil Servants				
28. Consumer Co-operative Complex	New	8.5	16.0	24.5
29. Hodeida Hangar (Shed)	New	5.5	10.0	15.5
Sub-Total		217.6	646.5	864.1

C. Projects Under Preparation

Other projects under preparation in this sector, and their estimated costs, are as follows:

<u>Projects</u>	<u>Estimated Investment Cost, in mil. Rials</u>
1. Permanent Trade Fair	25.0
2. Expansion of Headquarters of the Foreign Trade Corporation	2.5
3. Central Mills	135.0
4. Expansion of Sana'a Office	2.0
5. Transport and Equipment	3.0
6. Wharchooses at Hodeida	5.0
7. Sana'a Trade Fair Premises	4.0
TOTAL	176.5

7. Transport and Communications

During the First Five-Year Plan, large investments were made in this sector. Because of the great importance of the sector and the country's need to modernize its infrastructure, 4,640 million Rials of investments is planned for this sector during the Second Five-Year Plan, or 16.5% of the total fixed capital investments during the period of the Plan.

The distribution of investments by sectors and type of currency costs is shown below.

TABLE XVI

Investments by Sector

Sector	Total Capital Fixed Investments					
	Local		Foreign		Total	
	Mil. Rials	%	Mil. Rials	%	M. Rials	%
Public Sector	844.4	21.4	3104.6	78.6	3939.0	85.1
Private Sector	69.1	10.0	621.9	90.0	691.0	14.9
TOTAL	913.5	19.7	3726.5	80.3	4640.0	100.0

The Table shows that public sector investments represent about 85% of the total investments for the transport and communications sector. Private sector investments are primarily in the modes of transport. They comprise approximately 15% of the fixed capital investments and, because of the concentration on modes of transport, the ratio of foreign currency costs is higher than in the public sector.

Costs in local currency are estimated at about 19.7% of the total investments, with costs in foreign currency representing 80.3%.

A. Financing

It is expected that the investments of this sector will be financed by drawings from foreign loans and grants, and from other sources of financing in the manner shown in Table XVII.

TABLE XVII

Financing of Fixed Capital Investments for the Transport and
Communications Sector

Sources of Financing	Million Rials	Million Dollars	%
Foreign Loans and Grants	3000	666.7	64.6
Other Sources	1640	364.4	35.4
TOTAL	4640	1031.1	100.0

Thus, it is expected that drawings from foreign loans and grants will be financed 64.6% of the total investment costs of this sector. This source of financing will cover about 80.5% of the total foreign currency costs. The other sources of financing will contribute 35.4% of the total project costs and will cover all of the local currency expenditures, in addition to approximately 19% of the costs in foreign currency.

B. Investments of the Public Sector by Activity and Project

As mentioned above, investments by the private sector are concentrated on modes of transport. The rest of this section will deal with the projects of the public sector. The general investments of the public sector are distributed as follows:

- 2,460 million Rials, or 62.3% of the total investments in this sector for road building projects;
- 618 million Rials or 15.6% of the total expenditures for projects of telecommunications;
- 709 million Rials or 18% of the total for Civil Aviation, Meteorology and Air Transport Services
- 137 million Rials or 3.5% for ports and maritime transport;

- 25 million Rials or 0.6% of the total for road transport, primarily in buses and lorries.

The total number of projects in this sector was 36, details of which are set forth in the following Table (XVIII)

TABLE XVIII

Investments of the Public Sector, by Activity and Project

(In million Rials)

Activity or Project	Type	Investments during the Plan Period		
		Local	Foreign	Total
<u>A. Roads and Highways</u>				
1. Completion of ongoing Projects	Ongoing	48.5	145.5	194
2. Improving & Maintenance of Roads in Sana'a, Hodeida & Ta'iz	New	95.0	285.0	380
3. Yarin, Kataba Road	New	76.8	230.2	307
4. Bajil-Haabar Road	New	132.0	396.0	528
5. Feeder Roads	New	77.7	233.3	311
6. Other Roads	New	30.0	90.0	120
7. Asphaltting Roads in Towns and Cities	New	155.0	465.0	620
Sub-Total		615.0	1845.0	2469

TABLE XVIII (Continued)

TABLE XVIII (Continued)

Activity or Project	Type	Investments during the Plan Period		
		Local	Foreign	Total
B. <u>Telecommunications and Postal Services</u>				
8. Completion of Underground Telephone Network	Ongoing	6.0	53.0	59
9. Telephone Lines for new Subscribers	New	1.8	7.2	9
10. Strengthening Internal Network	New	18.0	162.0	180
11. Long Distance Rural Telephone Network	New	1.5	13.5	15
12. Loc. Rural Tel. Network	New	10.0	88.0	98
13. Inter-City Microwave System	New	7.6	68.4	76
14. National Trunk Call Service	New	1.0	4.0	5
15. Regional Project (Arab Scheme)	New	4.5	40.5	45
16. International Telephone Exchange	New	-	18.0	18
17. International Telex Exchange	New	-	24.0	24
18. Technical & Administrative Buildings	New	10.0	20.0	30
19. Central Warehouses, Sana'a Hodeida	Ongoing	3.5	6.5	10
20. Telecommunications Institute	Ongoing	2.0	8.0	10
21. Improving and Developing Postal Services	New	10.0	20.0	30
22. Support to the General Transport Secretariat	New	3.0	6.0	9
Sub-Total		78.9	539.1	618

TABLE XVIII (Continued)

Activity or Project	Type	Investments During the Plan Period		
		Local	Foreign	Total
C. Civil Aviation, Meteorology and Air Transport				
23. Support to the Civil Aviation & Meteorological Authority	New	35	38	118
24. Development of Sana'a International Airport	New	22	88	110
25. Development of Ta'izz Airport	New	22	88	110
26. Development of Hodeida Airport	New	22	88	110
27. Domestic Airport	New	15	60	75
28. Consolidating Yemenis Air Fleet	New	-	180	180
29. Improving ground services	New	8	23	31
30. New Branch Offices for Yemenia	New	1.5	3.5	5
31. Supply and Catering Building	New	7	13	20
Sub-Total		122.5	586.5	709
D. Ports and Maritime Transport				
32. Development of Katib Road	New	6.5	25.5	32
33. Development of Mukha Port	New	4.8	19.2	24
34. Development of Hodeida and Salif Ports	New	16.2	64.8	81
Sub-Total		27.5	109.5	137

TABLE XVIII (Continued)

Activity or Project	Type	Investments during the Plan		
		Local	Foreign	Total
E. Road Transport				
35. Buses and their Maintenance	New	0.5	24.5	25
Sub-Total		0.5	24.5	25
TOTAL		244.4	3104.6	3949

Projects Under Preparation

The following is a list of projects which are under preparation, and their estimated costs:-

Description of ProjectsEstimated Costs, in mil. RialsI. Roads and Highways

1. Constructing & Asphaltin ^g Ibb-Udain-Jarrahi Road	494
2. The Howth-Al Qafla-Harad Road	73
3. Reinforcement, Pavin ^g & Completin ^g Various Roads	575
4. Constructin ^g & Asphaltin ^g Sana'a/Alqarya Road	6
5. Constructin ^g & Asphaltin ^g Ibb/Jibla Road	15
6. Constructin ^g & Asphaltin ^g Al-Khoshma/Hajjah Road	230
7. Constructin ^g & Asphaltin ^g Al-Qarya/Salif Road	120
8. Constructin ^g & Asphaltin ^g Bajil/Kona Road	130
9. Constructin ^g & Asphaltin ^g Jihana/Sarwah/Ma'rib Road	470
10. Constructin ^g & Asphaltin ^g Radaa/Demth/Juban Road	34
11. Constructin ^g & Asphaltin ^g Harib/Ma'rib Road	100
12. Constructin ^g & Asphaltin ^g Khamis Bani-Saad/Mahwit Road	80
13. Traffic Safety Programme	15
14. Studies and Surveys	10
Sub-Total	3059

<u>Description of Projects</u>	<u>Estimated Costs in million Rials</u>
<u>II. Civil Aviation and Meteorology</u>	
15. Development of Ta'izz Airport	181
16. Development of Sana'a Airport	110
17. Development of Hodeida Airport	100
Sub-Total	391
<u>III. The Yemeni Airlines</u>	
18. Purchase of Aircrafts	260
19. Aircrafts Hangar	80
20. Instruments, equipment, Installations and Training	35
21. Maintenance Facilities	30
Sub-Total	405
TOTAL	3855

8. FINANCE

The financial sector facilitates such operations as financing investments, accumulation of savings, and providing facilities to investors in all sectors. Investments which are to be effected in the financial sector itself consist primarily of buildings, equipment, etc. needed for re-inforcing and expanding the services of this sector. Therefore, the Second Five-Year Plan has earmarked an amount of 146 million Rials for this sector, or approximately US Dollars 22.2 million; i.e. 3.4% of the total fixed capital investments in the Plan. These investments are divided equally between the public and the private sectors. The costs in local currency are estimated at about 23% and those in foreign currency at about 72%. The investments in this sector will be self-financing.

The following Table represents public sector priority projects.

TABLE XIX

Projects of the Public Sector.

(in million Rials)

Projects	Type	Investments During the Plan Period		
		Local	Foreign	Total
1. Bank of Yemen: Buildings and equipment	New	5.0	10.0	15.0
2. Computer Microfilm Photostat	New	0.5	9.5	10.0
3. Warehouses for Agricultural Credit Bank	New	3.5	6.5	10.0
4. Banking Complex	New	3.0	6.0	9.0
5. Consolidating the Banking System	New	2.0	4.0	6.0
TOTAL		14.0	36.0	50.0

Projects Under Preparation

The public sector has five projects under preparation for the finance sector. These projects are detailed as follows:

Description	(in million Rials)
	Estimated Cost
1. Buildings and Installations	120.0
2. Mechanization of Accountancy	1.3
3. Purchase of Land and Sites	3.6
4. Consolidating and Reorganizing the Banking Sector	10.1
5. Building Branches and Warehouses	45.0
TOTAL	280.0

9. HOUSING AND REAL ESTATE

The plan has earmarked 3,745 million Rials, or approximately US\$332.2 million for the sector of housing and real estate. This is necessitated by the urgent need to provide citizens with appropriate housing. This amount of investment represents 13.3% of the total fixed capital investments in the Plan. The greater part of these investments are concentrated in the private sector, with the public sector assuming a share of only 260 million Rials, or approximately 7% of the total investment in the sector. The public sector investments include a housing compound for workers, comprising 400 houses in Sana'a, a similar housing project in Ta'iz, as well as 200 housing units in Ibb and 200 in Dhamar. Another 60 housing units will be built in Saada and 60 in Beida.

10. GOVERNMENT SERVICES

The Government provides basic services to the population and helps to promote their social and economic development. It aims at raising the educational level of the citizens and improving the quality of the health and cultural services provided to them. The Plan has earmarked approximately 4,650 million Rials, or US\$ 1,033.3 million for fixed capital investments in government services. This represents 16.5% of the total fixed capital investments projected by the Plan. The distribution of these investments by main activities and sector is given below:

- Education is allocated 2,281.5 million Rials, or 49% of the total capital investments in the sector. This is intended to fulfill one of the Plan's strategic objectives, i.e. development of education, and training and raising the technical capacities of local manpower;
- the health sector receives an appropriation of 664.4 million Rials, or 14.3% of the total;
- Municipalities and housing will get 380.5 million Rials, or 8.2% of the total;

- Information and culture will receive 458.4 million Rials, or 9.9% of the total;
- Labour and social affairs will get 257 million Rials or 5.5% of the total;
- Government administration receives 430.6 million Rials, or 9.3% of the total;
- All other government activities will receive 177.6 million Rials, or 3.8% of the total;

Costs in local currency component represent 35.8% of the total investments of the sector, with foreign currency costs representing 64.2%.

These investments are expected to be financed primarily by loans and grants in the amount of 4,225 million Rials, or approximately 90% of the total fixed capital investments in this sector.

There are 122 projects in this sector. These projects are detailed in the following tables, by executing agency. (Ref. Table XX).

TABLE XX

Investments in Government Services by Projects

Project and Executing Agency	Type	Investments during the Plan		
		Local	Foreign	Total
<u>A. Education</u>				
1. Primary Education	Ongoing/R	322660	599231	921891
2. Preparatory Education	" "	71158	132150	203308
3. Secondary Education	" "	20158	44480	64638
4. Teachers' Training Institutes	" "	3920	7280	11200
5. Technical Commercial Education	New	5930	5933	11863
6. Technical Agricultural Education	New	18272	12181	30453
7. Technical Industrial Education	New	56935	56935	113870
8. Higher Technical Institute, Sana'a	New	9627	17880	27507
9. Basic Training Centres	New	475	4276	4751
10. Adult Education & Illiteracy	New	10000	40000	50000
11. Auxiliary Services	New	32693	51312	84010
12. Theological College	New	12000	10000	22000
Sub-Total		563833	931658	1545491
<u>B. Sana'a University</u>				
13. Faculty of Medicine	New	30000	170000	200000
14. Training Hospital	New	28500	161500	190000
15. Faculty of Engineering	New	14960	59840	74800
16. Faculty of Agriculture-Exp. Farm	New	45000	46515	91515
17. Buildings and Labs of new Faculty of Science	Ongoing	21600	31600	53200
18. University Printing Press	New	2120	19080	21200

TABLE XX (Continued)

TABLE XX (Continued)

Project and Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
B. Sana'a University (Cont'd)				
19. Students' Boarding Houses	New	12950	24050	37000
20. Teachers' Living Quarters	Ongoing	2746	5100	7846
21. Oceanography Centre	New	5250	5250	10500
Sub-Total		163126	572935	746061
TOTAL for Education		726959	1554593	2281552
C. Health Services				
22. Basic Health Services	Ongoing	243044	269900	269944
23. Preventive Medicine	Ongoing	8992	8992	17984
24. Health Education	Ongoing	6135	600	6735
25. Health Training	Ongoing	23200	23200	46400
26. Institutional Support to the Ministry of Health	Ongoing	36777	36777	73554
27. Improving the Hospitals	New	18780	106420	125200
28. Rehabilitation Centre	Ongoing	5300	21200	26500
29. Health Laboratories	Ongoing	19226	76900	96126
30. Balanced Nutrition	Ongoing	1480	372	1852
TOTAL for Health Services		362942	301441	664383
D. Ministry of Municipalities and Housing				
31. Master Plans for the Main Cities	New	6725	60525	67250
32. Town Plans	New	1000	9000	10000
33. Water Drainage Systems	Ongoing	104465	44770	149235
34. Detailed Plans for Cities	New	5000	45000	50000
35. Ministry's Building & its Branches	New	12250	22750	35000
36. Slaughterhouses	New	7500	17500	25000

CHAPTER XX (Continued)

Project and Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
D. Ministry of Municipalities and Housing (Continued)				
37. Solid Waste Disposal for Ta'iz, Sana'a & Hodeida	Ongoing	4000	36000	40000
38. Solid Waste Disposal for Dhahar	New	400	3600	4000
TOTAL for the Ministry of Municipalities & Housing		141340	239145	380485
E. Ministry of Information & Culture				
39. Support to the Ministry	Ongoing	9450	9450	10900
40. Cultural Centres	New	37636	37636	75272
41. The Book Project	New	320	50	370
42. Microfilm	New	50	270	320
<u>The Central Organization for Radio Broadcasting & T.V. (GORET)</u>				
43. Coverage of Central Regions by T.V.	Ongoing	40	350	390
44. Construction Work at Bab Shoob & Hodeida Broadcasting Stations	Ongoing	4890	9070	13960
45. Power Generators for T.V. Stations	Ongoing	1000	4000	5000
46. T.V. News Units	Ongoing	300	5500	5800
47. Support to various Sectors of GORET	New	19250	25000	44250
48. Mobile T.V. Unit	New	-	24750	24750
49. T.V. Building	New	4165	7735	11900
50. Completion of Phase II of Television Broadcasting	Ongoing	1000	23000	24000
51. Medium Power Generator	New	2560	10240	12800
52. Radio & T.V. Production Centre	New	1300	21500	22800
53. Two Short-Wave Transmitters	New	1100	14000	15100

TABLE XX (Continued)

TABLE XX (Continued)

Project and Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
<u>GORBT (Continued)</u>				
54. Radio Monitoring Center	New	300	3500	3800
55. Radio-Linkage Inter-City Broadcasts	New	1900	4000	5900
56. T.V. Linkage of Main Cities	New	200	6000	6200
57. Radio & Television Complex	New	1925	3575	5500
Sub-Total		40720	162220	202940
<u>Press and News Agency</u>				
58. Consolidating & Reorganizing the Agency	Ongoing	8307	8307	16774
59. Establishing Branches in Main Cities	Ongoing	5094	10946	16040
60. Press Conference Room	New	4770	8255	13625
Sub-Total		19051	29188	47239
<u>The Yemeni Tourism Corporation</u>				
61. Consolidating & Reorganizing the Corporation	New	7000	7000	14000
62. Maintenance & Repair Workshops	New	300	1200	1500
Sub-Total		7300	8200	15500
<u>General Organization for Tourism</u>				
63. Consolidating & Reorganizing the Organization	New	12775	12775	25550
64. Publicity & Promotion of Tourism	New	6360	14940	21200
65. Training Courses	New	8600	34400	43000
66. Survey of Tourism	New	525	4725	5250
67. Tourist Agency	New	270	2025	2295
Sub-Total		29130	62766	97896
TOTAL for the Min. of Culture		143657	314790	458437

TABLE XX (Continued)

Projects & Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
F. <u>Ministry of Labour and Social Affairs</u>				
68. Institute of Social Services at Sana'a	New	4550	8450	13000
69. Pilot Project for Integrated Rural Development	New	1050	450	1500
70. Completion of Sana'a Institute of Social Orientation	Ongoing	1200	2800	4000
71. Completion of "Centre for the Blind"	Ongoing	3500	6500	10000
72. Family Development Centres in Sana'a, Ta'iz & Hodeida	New	4725	4775	13500
73. Kindergartens in Sana'a and Ta'iz	New	1000	2000	3000
74. Supply of Equipment for the Ministry	Ongoing	1200	10800	12000
75. Completion of Sana'a Vocational Centre	Ongoing	150	250	400
76. Voc. Training and Workers Education Centre	New	1000	2000	3000
77. Completion of Sana'a Teachers & Trainers Housing Units	Ongoing	1250	2350	3600
78. Social Security Institution, Sana'a	New	1225	2275	3500
79. Centres for the Blind in Hodeida	New	170	1530	1700
TOTAL of Social Affairs		21020	48180	69200

TABLE XX (Continued)

Projects and Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
<u>Higher Council for Youth & Sports</u>				
90. Club and Playgrounds	New	7000	13000	20000
91. Sana'a Sports Stadium	Ongoing	17500	32500	50000
92. Dhamar, Ibb & Baida Stadiums	New	17500	32500	50000
93. Gymnasiums for Sana'a, Ta'iz and Hodeida	New	7000	13000	20000
94. National Olympic Committee	New	675	1021	1696
95. Scouts Activities	New	825	1640	2465
96. Permanent Youth Centre, Sana'a	New	350	650	1000
97. Development of Scout Camps, Ta'iz, Hodeida and Hajja	New	1500	1500	3000
98. Swimming Pools in Sana'a, Ta'iz and Hodeida	New	300	1200	1500
99. Youth Hostels in Ma'rib, Saada and Hajja	New	3500	6500	10000
99. Sports Training Institutes, Sana'a	New	3600	8400	12000
91. Scouts' Training Centre, Ibb, Hodeida, Ta'iz and Hajjah	New	2000	2000	4000
92. Centre for the Higher Council for Youth & Sports	New	3050	7150	11000
93. Floodlights for Sana'a, Hodeida and Ta'iz Sports Stadiums	Ongoing	80	720	800
94. Improvement of the Ta'iz Stadium	Ongoing	150	150	300
TOTAL for Ministry of Youth and Sports		65830	121931	127761
GRAND TOTAL for Ministry of Labour and Social Affairs, Youth and Sports		86350	170111	256961

TABLE XX (Continued)

Projects and Executing Agency	Type	Investments during the Plan Period		
		Local	Foreign	Total
G. Government Administration				
95. Office Building for the Central Control & Audit Organization	New	5250	9750	15000
96. Support to the Organization	New	2500	2500	5000
97. Buildings for Ministry of Foreign Affairs	New	10000	20000	30000
98. Support to Ministry of Foreign Affairs	Ongoing	12500	12500	25000
99. Microfilm for Presidency	New	200	800	1000
100. Installations for Presidency	Ongoing	1120	2080	3200
101. Residential Building for the Prime Minister	New	3500	6500	10000
102. Modernization of Equip't. and Instll. of PM's Res.	New	40	710	750
103. Buildings & Studies for Local Administration/Ministry	New	20000	40000	60000
104. Support to Ministry of Local Administration	New	1000	10000	20000
105. General Prosecutor's Office Buildings, Sana'a, Ta'iz and Hodeida	New	14000	26000	40000
106. Support to General Prosecutor's Office and Legal Adviser's office	New	2500	2500	5000
107. Buildings for Ministry of Civil Services	New	3050	14950	23000
108. Reinforcing Ministry of Civil Services	New	3500	3500	7000
109. Construction of Buildings for Law Courts	New	24500	45500	70000
110. Support to the Ministry of Justice	New	5000	5000	10000
111. Office Building for the General-Secretariat of the Presidency (Addition)	New	700	1300	2000

TABLE XX (Continued)

Projects & Executing Agency	Type	Investments during the Plan		
		Local	Foreign	Total
112. Building a wall for Presidential Palace, Sana'a and Hajjah	New	3000	3000	6000
113. Conference Rooms in the Presidential Palace	New	3500	6500	10000
114. Kitchens for Sana'a Presidential Palace	New	200	800	1000
115. Construction of a Mosque for the Sana'a Presidential Palace	New	350	650	1000
116. Tools and Equipment	New	750	6650	7400
117. Furniture and Installations	New	3590	32310	35900
118. Police Stations, Support to the Ministry of Interior and Traffic Office	New	-	15500	15500
119. Land, assets and Transportation	New	9000	2000	11000
120. Building and Construction	New	3050	7150	11000
121. Studies and Plans	New	500	4350	4850
TOTAL For Government Administrations		146100	282500	430600
Unclassified		53272	124310	177582
TOTAL OF Government Services		1663120	2906500	4650000

Projects Under Preparation in Public Administration & Government Services

The following are projects under preparation in the sector of government services. They are listed according to the executing agency and estimated costs of each project.

<u>Project & Executing Agency</u>	<u>Estimated Costs(1000Rials)</u>
I. The Presidency	
1. Presidential Palace, Guest Palace District Guests' Palaces	300000
Sub-Total	<u>300000</u>
II. Information & Culture	
1. Arts Palace & Cinema-Theater	471700
2. Television Production Centre	22500
3. T.V. Broadcast, Phase III	53000
4. Domestic Radio Broadcast Coverage	15700
Sub-Total	<u>130370</u>
III. Social Affairs and Labour	
1. Training Centres for Children & Teenagers	23300
2. Family Development Centres	22400
3. Kindergartens	8000
4. Labour Offices	7000
Sub-Total	<u>60700</u>
IV. Youth and Sports	
1. Youth Centres in the Governorates	40000
Sub-Total	<u>40000</u>

<u>Project (Continued)</u>	<u>Estimated Costs(1000 Rials)</u>
<u>V. Municipalities and Housing</u>	
1. Central Markets	40000
2. Environment Conservation	20000
3. Institutional Support to Physical Planning	30000
4. Numbering Streets and Houses	6000
5. Al-Sailla Project, Sana'a	90000
6. Street Cleaning and Maintenance	80000
7. Parking Lots	35000
8. Lighting, Parks, Gardens & Public Baths	90000
Sub-Total	441000
<u>VI. Justice and Waqf (Religious Endowments)</u>	
1. Housing and Business Complexes & Central Markets	98000
2. Institutional Support for Ministries and Their Institutions	5000
3. Mosques, Graveyards	110000
4. Coranic Schools and Institutes for Preachers	10500
5. Judiciary Inspectorate & Completion of Laws and Registers	10000
Sub-Total	233500
<u>VII. Local Government, Civil Protection Traffic and Security</u>	
1. Government Complex and Installations	150000
2. Civil Registrar, & Traffic Department	50000
3. Police College, Security Offices and Equipment	150000
Sub-Total	350000

Projects (Continued)

Estimated Costs (1000 Rials)

VIII. Ministry of Civil Service and Institute
of Public Administration

1. Civil Registrar and Statistics	30000
2. Institutional Support	25000
3. Training and Job Classification	10000
4. Pension and Retirement Schemes	5000
5. Reorganization Projects	5000
Sub-Total	<u>48000</u>

IX. Ministry of Economy and Industry

1. Offices and Branches in the Governorates	20000
Sub-Total	<u>20000</u>
TOTAL	<u>1640570</u> =====

DEVELOPMENT COOPERATION REPORT

FOR THE YEAR 1980

YEMEN ARAB REPUBLIC

Compiled by the Office of the

Resident Representative

UNITED NATIONS DEVELOPMENT PROGRAMME

Sana'a, Yemen Arab Republic

June 1981

PART A

TECHNICAL CO-OPERATION ACTIVITIES

LIST OF ABBREVIATIONS

AFED	Arab Fund for Social and Economic Development	TCP	Technical Co-Operation Programme
CIR	Catholic Institute of International Relations	UK	United Kingdom
CIS	Catholic Relief Services	UNCDF	United Nations Capital Development Fund
EEC	European Economic Community	UNCES	United Nations Centre for Human Settlements
FAED	Fund for Arab Economic Development	UNCTAD	United Nations Conference on Tariffs and Trade
FAO	Food and Agricultural Organization	UNDP	United Nations Development Programme
IBRD	International Bank for Reconstruction and Development	UNDYCD	United Nations Department for Technical Co-Operation and Development
ICAO	International Civil Aviation Organization	UNESCO	United Nations Educational, Scientific and Cultural Organization
ILO	International Labour Organization	UNFPA	United Nations Fund for Population Activities
IMCO	Inter-Governmental Maritime Consultative Organization	UNICEF	United Nations Children's Fund
IMF	International Monetary Fund	UNIDO	United Nations Industrial Development Organization
IU	International Telecommunication Union	USAID	United States Agency for International Development
KEMED	Kuwait Fund for Arab Economic Development	USSR	Union of Soviet Socialist Republics
KFW	Kreditanstalt fuer Wiederaufbau (Federal Republic of Germany)	WFP	World Food Programme
ONV	Organization of Netherlands Volunteers	WHO	World Health Organization
OPE	Office of Project Execution (UNDP)	WMO	World Meteorological Organization
OPEC	Oil Producing and Exporting Countries	WTO	World Tourism Organization
PFL	Prevention of Food Losses	YAR	Yemen Arab Republic
PDRY	People's Democratic Republic of Yemen		
RB	Regular Budget		
RP	Regular Programme		
SCF	Save the Children Fund		

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AGC PROGRAMME CLASSIFICATIONPolitical Affairs

- 0110 Political and Security Activities
- 0120 Special Missions
- 0130 Disarmament
- 0140 General International Law
- 0150 Trusteeship, Decolonization and Apartheid

General Development Issues, Policy and Planning

- 0210 Development Strategies, Policy and Planning
- 0220 General Statistics
- 0230 Public Administration

Natural Resources

- 0310 Cartography
- 0320 Land and Water
- 0330 Mineral Resources
- 0340 Biological Resources
- 0350 Energy

Agriculture, Forestry and Fisheries

- 0410 Agricultural Development Support Services
- 0420 Crops
- 0430 Livestock
- 0440 Fisheries
- 0450 Forestry

Industry

- 0510 Industrial Development Support Services
- 0520 Manufacturing Industries
- 0530 Tourism and Related Services
- 0540 Other Service Industries

Transport and Communications

- 0610 Policy and Planning
- 0620 Air Transport
- 0630 Land Transport
- 0640 Water Transport and Shipping
- 0650 Postal Services
- 0660 Telecommunications

International Trade and Development Finance

- 0710 Global Trade Policies
- 0720 Trade in Commodities
- 0730 Trade in Manufactures
- 0740 Trade Promotion and Trade In-Service
- 0750 Development Finance and Monetary Problems

Human Settlements

- 0910 Settlements Planning
- 0920 Housing and Infra-Structure

Health

- 1010 Comprehensive Health Services
- 1020 Disease Prevention and Control
- 1030 Environmental Health

Education

- 1110 Educational Policy and Planning
- 1120 Educational Facilities and Technology
- 1130 Educational Systems
- 1140 Non-Formal Education

Employment

- 1210 Employment Promotion and Planning
- 1220 Skills Development
- 1230 Conditions of Employment
- 1240 Industrial Relations

Humanitarian Aid and Relief

- 1310 Protection of and Assistance to Refugees and Displaced Persons
- 1320 Disaster, Relief Preparedness and Prevention
- 1330 Special Humanitarian Operations

Social Conditions and Equity

- 1410 Human Rights
- 1420 Social Science
- 1430 Welfare and Social Security
- 1440 Advancement of Women
- 1450 Disadvantaged Groups
- 1460 Prevention of Crime and Drug Abuse

Culture

- 1510 Cultural Preservations and Development
- 1520 Protection of Authors and Performers
- 1530 Communication and Mass Media

Science and Technology

- 1610 Promotion of Science
- 1620 Development and Transfer of Technology
- 1630 Oceanography
- 1640 Meteorology

GENERAL REMARKS

This report on Development Co-Operation consists of three sections:

Summary:

This section highlights recent trends in development co-operation and indicates to the extent possible the overall magnitude of such co-operation, the principal sources of financing, and the sectors to which assistance is being directed. Some Summary Tables are included. Table III: Summary of Bilateral Co-Operation by country differs from our previous report. Instead of mentioning total amounts for every country, this time only each country's involvement in the sectors of the economy is indicated, since, as was the case already in our previous report, the information received was not always comparable.

Part A: Technical Co-Operation Activities:

This section is a sector-by-sector, project-by-project listing of all externally financed technical co-operation projects and activities.

Information is given on all projects and activities for which financial commitments were made in 1980. Each project or activity is classified and listed under the appropriate sector and code (see IOC Programme Classification).

Source of Assistance:

This column cites the donor's name.

Assistance Committed in 1980:

Where available, the amount of assistance committed for the project or activity for the year 1980 only or for a specified fiscal year enters the column. Underneath this figure is in parenthesis the figure covering the total duration of the project or activity.

Durations:

enters the total duration of the project/activity and underneath, parenthesized, the beginning and ending dates.

Nature of Assistance and Location:

gives briefest possible description. Where information on months is given, it refers to the project's life and in parenthesis for the current year.

Part B: Capital Investment:

This section is also a sector-by-sector, project-by-project listing of all capital investment funds from external sources. The figures are in US Dollars equivalents. A parenthesized figure indicates the amount corresponding to the life of the project.

Capital investment is defined to include loans, credits, grants from external sources for capital development, as distinguished from Technical Co-Operation Activities.

Source of Information:

Central Planning Organization of the Yemen Arab Republic.
The Central Bank of Yemen
Diplomatic Missions in the Yemen Arab Republic
Coordination Secretariat at the Arab Fund for Economic and Social Development
Office of the Resident Representative, UNDP, Sana'a.

Summary of Development Co-Operation Given to the Yemen Arab Republic

The Yemen Arab Republic continues to rely heavily on foreign co-operation for its development programme. In the First Three-Year Development Programme (1973-1976) foreign co-operation amounted to US \$154.31 million of a total investment programme of US \$182.05 million. Similarly, in the First Five-Year Development Plan (1977-1981), the Government envisaged US \$154.49 billion (YR. 6.81 billion) worth of foreign co-operation to finance its US \$182.05 billion (YR. 16.55 billion) Development Programme. The Government is currently about to embark in the Second Five-Year Development Plan (1982-1986), which is also expected to require a large amount of financial assistance from outside sources.

External co-operation to the country comes in the form of technical, capital, food and commodity assistance. Yemen also receives substantial cash assistance from brotherly Arab Countries. Technical co-operation usually takes the form of grants, while capital investment is, by and large, represented by either credits or loans at very concessional terms. However, a sizeable portion of the capital investment coming from oil-rich Arab Countries (e.g. Abu Dhabi, Iraq, Kuwait, Saudi Arabia, United Arab Emirates) for the development of agricultural and educational institutions, hospitals and other health facilities, and also for other infrastructural development, by way of turn-key projects, is in the form of grants. Cash assistance being provided by brotherly Arab Countries is intended to meet the Government's budgetary deficits or other exigencies; such assistance is mostly in the form of grants-in-aid.

A striking feature of development co-operation in the Yemen and more precisely technical co-operation, is its triangular nature, whereby oil-rich Arab Countries provide the necessary financial assistance to support the transfer to Yemen of technical know-how from the more advanced Arab Countries. The dynamic nature of the country's development

process, its place amongst the Arab Nations, its Least Developed Country Status and its relative readiness to accept offers of assistance in its development efforts, have resulted in an unusual mixture of donors and technical assistance agencies with consequent variation in the nature, scope and scale of projects.

Despite the general lack of systematic data on the total technical co-operation and capital investments, it can generally be concluded from the number of projects and/or the amounts reportedly involved, that, as far as externally financed technical co-operation is concerned, the principal sources were: (in alphabetical order) The Federal Republic of Germany, Japan, the Netherlands, the United Kingdom, the United States of America, the UN-System and the USSR. The principal sources of capital investment, on the other hand, were Iraq, Kuwait, Saudi Arabia and the World Bank (IBRD/IDA).

The main sectors to which technical co-operation was directed, in 1980, were: Health, Agriculture and Education, as in the previous years.

As far as capital investment (or financial aid) is concerned, the main sectors to which aid is being directed (apart from budgetary support) are Transport and Communications (mainly road construction), and Natural Resources (mainly electricity and water). The Second Five-Year Development Plan which is now under preparation, is expected to emphasize productive projects in the agricultural and industrial fields, and the developing of prospective mineral resources, with a view to achieving a balanced economy capable of meeting basic needs of foodstuffs, and manufactured goods, while leaving a reasonable surplus to finance imports of consumer and capital goods.

SUMMARY OF MULTIBILATERAL COOPERATION THROUGH THE UN-SYSTEM, 1980

SECTOR	UNDP US Dls	UNDP %	Multilateral Co-Operation Other than UNDP US Dls	%
2 - Gen. Devt. Issues, Policy & Planning	860	7	± 570	5
3 - Natural Resources	-	-	49	-
4 - Agr., For., & Fisheries	+ 5,828	45	524	5
5 - Industry	476	4	91	1
6 - Transp. & Communc.	2,144	17	-	-
7 - Population	-	-	± 392	4
8 - Human Settlements	676	5	-	-
9 - Health	1,438	11	7,137	64
10 - Education	702	6	2,246	20
11 - Humanitarian Aid & Relief	-	-	143	1
12 - Culture	-	-	38	-
13 - Science and Technology	602	5	-	-
TOTAL	+ 12,726	100	11,190	100

TABLES I(a) AND II

SECTOR	FAO	IDA	ITF	UNESCO	UNFPA	UNICEF	UNIDO	WFP	WHO	TOTAL
2 - Gen. Devt. Issues, Policy & Planning			± 500			70				± 570
3 - Natural Resources	49									49
4 - Agr., For., & Fisheries	524						44			524
5 - Industry		47								91
6 - Transp. & Communc.										-
7 - Population					± 392					± 392
8 - Human Settlements										-
9 - Health						800			6,337	7,137
10 - Education				46	± 2,000	200				± 2,246
11 - Humanitarian Aid & Relief								143		143
12 - Culture				38						38
13 - Science and Technology										-
TOTAL	573	47	± 500	84	± 2,392	1,070	44	143	6,337	± 11,190

TABLE III

SUMMARY OF BILATERAL COOPERATION BY COUNTRY, 1980

	Algeria	China	Czechoslovakia	Ethiopia	France	Germany	Iraq	Italy	Japan	Korea	Kuwait	Netherlands	Norway	Pakistan	Saudi Arabia	Sudan	Sweden	Switzerland	UK	USA	USSR	Other
02 - General Devt. Issues & Planning																						
03 - Natural Resources																						
04 - Agr., Forestry & Fisheries																						
05 - Industry																						
06 - Transp. & Communications																						
07 - Population																						
08 - Human Settlements																						
09 - Health																						
10 - Education																						
11 - Employment																						
12 - Humanitarian Aid & Relief																						
13 - Social Conditions & Equity																						
14 - Culture																						
15 - Science and Technology																						
16 -																						

Technical Co-Operation

Yemen Arab Republic

Sector: Health
Sub-Sector: Comprehensive Health Services

Code: 10
Code: 1010

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Health Manpower Development Phase III YEM/78/002	WHO/UNDP	515,592 (2,320,693)	4 years (1978-1982)	The project aims at further developing the Health Manpower Institute into a viable institution. Project inputs include seven experts (1 Project Manager, 3 Nurses' Educators, 1 Assistant Pharmacist Tutor, 1 X-Ray Technical Tutor), consultants, 6 UN Volunteers (Nurses) fellowships and equipment. The project is entirely financed by the Government of the Netherlands.
Health Training	German Development Service	N/A	Indefinite (1980-...)	One Nurse instructor working in the Health Manpower Institute. Location: Sana'a
Health Manpower Development PTR/099 Fellowships (Promotion of Training)	WHO (RB)	100,000 (N/A)	20 years (1962-1983)	For training of national professionals abroad in different disciplines of medical and health science.
Health Care Development	Mary Knoll Allen- town Diocese, CBS, New York	57,808	Indefinite (1978-...)	Support of Volunteer/Professional Nursing Team

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Training Programme for Yemeni Nurses	SCF (Sweden)	60,440	20 years (1963-1983)	Stipends for Yemeni students studying in Public Health, Administration, Nutrition, etc, at Cairo, Alexandria and London.
Hospital Administra- tion and Nursing Services YEN/78/001	WHO/UNDP	272,800 (1,179,544)	5 1/2 years (1978-1982)	The project aims at developing a model hospital with all modern hospital and nursing services. Project inputs include 2 experts (Project Manager and Matron), 5 Volunteers (Nurses), fellowships and equipment, all fully financed by the Government of the Netherlands.
Public Health Administration ESD 003	WHO/Saudi Fund	66,300 200,000 N/A	Indefinite (1976-...)	The project includes a Public Health Statistician and a Health Educator, supplies and equipment.
Medical Mission	People's Republic of China	N/A	3 years (1979-1981)	A mission of 60 qualified doctors (720 m/m) distributed over 3 hospitals in Sana'a, Hodeidah, Ibb and Taiz working in the following fields: Survey, Obstetrics, Logo- pedics, Dental Surgery, Acupuncture, Rent- genology, Paediatrics, Laryngology, Ophthal- mology and General Medicine.

Technical Co-Operation

Yemen Arab Republic Sub-Sector: Comprehensive Health Services Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dis) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
French Permanent Medical Mission	Republic of France	N/A	Indefinite (1962-...)	Republican Hospital in Taiz, Provision of medicines, equipment, etc., in the fields of Cardiology, Pneumatology, Laboratory and X-Rays.
Technical Co- Operation in the Sanitary Field	Republic of Italy, Service of Technical Co-Operation (Ministry of Foreign Affairs, Rome)	566,308 (2,265,232)	4 years (1977-1980)	Four Orthopedic Surgeons, 12 Technicians and Nurses (192 m/m), serving in the Military Hospital, Sana'a. Supply of equipment, such as X-Ray camera, physio-therapeutic medicine, surgery, oxygen cylinders.
Medical Assistance	Democratic People's Republic of Korea	N/A	Indefinite (1973-...)	Includes: 1 Gynecologist (12 m/m) 2 Internists (24 m/m) 1 First-Aid Doctor (12 m/m) 2 Paediatricians (24 m/m) 1 Interpreter for the Hospital in Dhahar (12 m/m) 7 doctors in Sana'a (84 m/m)
Medical Staff (Doctors)	USSR	120,000 (453,000)	2 years (1979-1981)	Medical personnel in Sana'a and Hodeidah.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dis) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Mother and Child Family Health IEM/73/PO1 MCE/001	WHO/UNFPA	272,065 (1,271,000)	7 years (1975-1982)	The project is intended to develop and establish a comprehensive MCE/Family Health Programme that would cover the whole country in the long run, reduce mother and child morbidity and mortality. Project inputs include: Project Manager, Midwife and vehicles for logistic support. The activities of this project are contemplated to be phased out and to continue under a new project IEM/81/PO5.
Basic Child Health	UNICEF	320,000	3 years (1978-1980)	Training of health manpower and equipment for Rural Health Centres all over the country.
Doctors	USSR	N/A	continuing	10 doctors were sent to Sana'a. A Grant.
Mother and Child Health Centre	The Netherlands Government	322,417	2 years (1980-1982)	Health Centre and Administration. Location: Rade'a

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Cddo: 1010

Project/Activity	Source of Assistance	Assistance (US.Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Sana'a Health Centre (Suq Al-Badr)	Federal Republic of Germany	770,000 (3,672,000)	7 years (1973-1980)	Additional provision of funds for Mother and Child Care. Location: Sana'a A Grant.
Amran Health Centre	Federal Republic of Germany	N/A (972,000)	Indefinite (1978-...)	Provision of staff for Mother and Child Care. A Grant.
Maternal and Child Health	US Government	N/A (N/A)	6 years (1975-1980)	3 Volunteers: - 1 in Al-Ghaff, Hodeidah - 1 in SCF, Rawdah - 1 in Republican Hospital, Sana'a.
Mother and Child Clinic, Rawdah	British SCF	210,000	12 years (1972-1984)	Save the Children Fund, which is supported by voluntary subscriptions, runs a Mother and Child Clinic at Rawdah.
Health Care	German Volunteers Organization	1,380	Indefinite (1979-...)	One Midwife (Volunteer) working for the Ministry of Health at the Health Centre in Rawdah (Save the Children Fund).

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Breast-Feeding Counsellors	British Volunteer Programme	N/A	Indefinite (1979-...)	1 Volunteer, a Nutritionist for training purposes, in Ibb.
Health Project	CIIR/UK Government	N/A	N/A	The Catholic Institute of International Relations (CIIR) is the voluntary organization in the Yemen Arab Republic which is partially funded by the Ministry of Overseas Development. The volunteer programme concentrates on health and rural development. At present there are 9 British volunteers. 6 are working in the Raymah Health Project on Jebel Raymah. This includes a Health Clinic and a Health Training Programme to improve nutrition of the inhabitants of Jebel Raymah Area. Volunteers also run a Mother and Child Health Centre at Al Qaa in Sana'a. The organization also provides a roving doctor.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Mother and Child Health Clinic	Netherlands Technical Assistance	100,559 (1,159,218)	5 years (1978-1983)	The project includes among others: medical aid, prenatal care and baby consultation bureau, vaccinations, information and education on health, information on nutrition, a Mobile Health Clinic. Location: Rada'a A Grant.
Mother and Child Health Centre	SCF (Norway) MORAD Ministry of Health	N/A (N/A)	Indefinite (1977-...)	Ibb City.
Local Health Services HSD 001 and SPM 003	WHO/Saudi Fund	23,000 60,700 Fin. Aid (266,000) Fin. Aid		The project includes a Nurse Educator.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US \$m) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Provincial Health Services	Netherlands Technical Assistance	3,631,284 (8,659,217) half amount is Fin. Aid	Indefinite (1977-...)	The programme includes: 1. the governorate programme for basic health services/primary health care; 2. the governorate referral hospital at Dhamar town (120 bed capacity); 3. the governorate programme for paramedical training; 4. research programme on socio-cultural matters in direct support of the activities as meant under sub. (1.) (2.) and (3.) Location: Dhamar.
Primary Health Care PCH/001	UNICEF WHO Saudi Fund UNCDF	150,000 (for 1 year only) 178,600 55,000 Fin. Aid 2,169,000 Fin. Aid	3 years (1980-1983)	The project includes a Medical Officer (24 m/m), National Project Manager, Asst. National Project Manager, Supporting Staff: 1 Administrative Assistant 1 Secretary 1 Driver Supplies and equipment; fellowships; Local costs.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Tihama Primary Health Care (065)	USAID	1,620,000 (11,500,000)	6 years (1980-1986)	The Tihama Primary Health Care Project, run by the Catholic Relief Services (CRS), provides basic primary health services in the Tihama area and will train 750 Birth Attendants and Primary Health Care Workers, 40 Community Health Nurses, 12 Medical Assistants and 30 Supervisors/Trainers to staff 250 Primary Health Care Units. CRS works jointly with the Ministry of Health and Local Development Associations (LDAs). UNICEF, US Peace Corps and German Volunteer Services provide additional inputs to the project.
Tihama Primary Health Care Project	US Government CRS, New York	1,521,836 133,000	8 years (1980-1986)	Personnel, medical supplies, training, capitalization, logistics for primary health care in the Tihama Region. A Grant.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Urban Primary Health Education	US Peace Corps	150,000	7 years (1980-1986)	1 Laboratory Technician 2 Nurse/Health Promoters 2 Training Supervisors 1 Nutritionist Location: CMS, Hodeidah
Village Health	British Volunteer Programme	N/A (N/A)	Indefinite (1975-...)	Training of village health workers and local midwives in Raymah. The project includes 6 volunteers; 3 midwives: to organize and run the courses for traditional midwives; 1 doctor and 1 teacher: to run the course for village health workers and the vaccination programme (in co-operation with EPI). 1 Social Researcher: linked with the community.
Applied Health Nutrition (0035)	USAID	100,000 (495,804)	4 years (1976-1980)	This project supports the development and operating costs of a nutrition education programme being carried out in Hodeidah and Sam'ra by Catholic Relief Services. To date, 35 young women have been or are being trained. The programme provides mothers with basic information and training on health, nutrition, food preparation, sanitation and child care. This USAID project also supports Catholic Relief Services staff at Al-Olofi Hospital in Hodeidah.

Yemen Arab Republic

Technical Co-Operation

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project	Nature of Assistance and Location
			Begin-End Dates	
Nutrition Education Programme	SCF (Sweden)	105,495	2 years (1980-1982)	Nutrition Education and Administration to villages. Location: Tihana (in Co-operation with FLO project and administration).
Emergency Fund Al-Olofi Hospital	CARITAS	6,410	4 years (1978-1981)	Urgently required medical supplies for needy hospital patients. Location: Hodeidah
Blood Storage Unit, Al-Olofi Hospital	CRS, New York	15,584	Indefinite (1978-...)	Equipment and medical supplies to establish a Blood Bank at Al-Olofi Hospital. Location: Hodeidah
Hospital	German Development Service	N/A	Indefinite (1980-...)	One Laboratory Technologist working at Al-Olofi Hospital. Location: Hodeidah
Nutrition Education and Research	US Peace Corps	100,000	Indefinite (1974-...)	Volunteers: 3 Nutritionists 2 Nurses 1 Programme Assistant 1 Public Health Adviser Location: -- Republican Hospital, Sana'a -- British SCF, Rawdah -- American SCF, Marweit -- CRS, Sana'a

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Yemen-Swedish Clinic	SCF (Sweden)	65,934	20 years (1963-1983)	Health Centre and Administration Location: Taiz
Yemen-Swedish Clinic	SCF (Sweden)	84,615	13 years (1970-1983)	Health Centre and Administration Location: Zabid
Basic Health Service	German Development Service	N/A	Indefinite (1980-...)	5 medical staff working in the Health Centre Rehab Al Qafr Location: Ibb Province
Nursing Services	Government of the Netherlands/ONV	27,000	Indefinite (1979-...)	2 volunteers (8 m/m) Nurses in Nasr Hospital Location: Ibb Province
Basic Health Service	German Development Service	N/A	Indefinite (1979-...)	3 medical staff working in the Health Centre Wasit Al Juba Location: Marib Province
Hospital Nursing	US Peace Corps	180,000	Indefinite (1977-...)	Volunteers: 13 Nurses Location: - Sa'ada Hospital, Sa'ada - Al-Olofi Hospital, Hodeidah - Amran Clinic, Amran

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Codes: 1010

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project	Nature of Assistance and Location
			Begin-End Dates	
Republican Hospital	Voluntary Subscriptions from Home Countries	N/A (N/A)	Indefinite (July 1972-...)	Medical care based in the Republican Hospital in Sa'adah: - 3 Medical Doctors (30 m/m) - 1 Administrator (12 m/m) - 1 Nurse (12 m/m) - 3 Nurses/Midwives (22 m/m) - 1 Surgeon (12 m/m) - 1 Technician (6 m/m) - 1 Electric Engineer (12 m/m) - 1 Teacher (12 m/m) - 1 Director (6 m/m) The project also includes medical equipment.
National Public Health Laboratory Services (LAB 001) (LTH 001)	WHO (RP)/ Saudi Fund	174,550 216,600 Pln. Aid from Saudi Fund	Indefinite (1976-...)	The project includes a Microbiologist (12m/m); a Histopathologist (12 m/m); Consultancy Services, Fellowships, supplies and equipment. 13 Expatriates are paid from the Saudi Fund; Senior Advisers on Laboratory and Senior Laboratory Technologists; further more 2 UN Volunteers; 1 Admin./Accountant and one Secretary/librarian.
Medical Laboratory Technician Training	US Peace Corps	80,000	Indefinite (1975-...)	10 Volunteers: 9 Laboratory Technicians; 1 Health Educator located at the Central Laboratory, Sana'a, Amran Clinic, Sa'adah Clinic and Norwegian Save the Children Fund, Ibb.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Comprehensive Health Services

Code: 1010

Project/Activity	Source of Assistance	Assistance (US Dis) committed for 1980	Duration of total Project Begins-End Dates	Nature of Assistance and Location
Maintenance and Repair of Medi- cal Equipment (SPM/002)	WHO (RP)	128,100	Indefinite (1976-...)	The project includes a Technical Officer and one UN Volunteer Repairman for Medical Equip- ment, supplies, equipment and fellowships.
Maintenance of Hospital Equip- ment	Government of the Netherlands/ONV	36,000	Indefinite (1979-...)	One Volunteer (12 m/m) in 1980 for installa- tion, maintenance and repair of hospital equipment all over the country (electrical and mechanical engineering). The project also includes training of the counterpart.
Assistance to Country Programmes (LEM 200)	WHO (RP)	115,150	Indefinite (1976-...)	Includes the operational costs of the WHO Programme Coordinator's Office in the Yemen Arab Republic, Sana'a.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Disease Prevention and Control

Code: 1020

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Mental Health Services	WHO (RP)/ Saudi Fund	35,300 141,600 Fin. Aid	3 years (1980-1983)	Consultant (1 m/m), supplies and equipment, fellowships.
Epidemiological Advisory Services (ESD 001)	WHO (RP)	85,000	Indefinite (1976-...)	The project includes an Epidemiologist, Consultancy Services, supplies and equipment, fellowships and 1 UN Volunteer Physician.
Prevention of Blindness (IEL 001)	WHO (RP)	10,000	Indefinite (1976-...)	The project includes Consultancy Services (2 m/m), supplies and equipment.
Malaria Control Programme (MFD 002)	WHO (RP)/ Saudi Fund	335,000 Fin. Aid from Saudi Fund (737,500)	Indefinite (1977-...)	The project includes a Malariaologist, an Entomologist, a Sanitarian, a UN Volunteer (lab. Technician), supplies and equipment.
Schistosomiasis Control (MFD 001)	WHO (RP)/ Saudi Fund	17,600 60,000 Fin. Aid from Saudi Fund	Indefinite (1976-...)	The project includes Consultancy Services, a Malacologist, supplies, equipment and fellowships.
Tuberculosis Control (BVM 001)	WHO (RP)/ Saudi Fund	155,000 11,500 Fin. Aid from Saudi Fund	Indefinite (1976-...)	The project includes a Medical Officer, Public Health Nurse, supplies, equipment and fellowships.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Disease Prevention and Control

Code: 1020

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
TB Control Project	Government of the Netherlands/ONV	102,000	Indefinite (1977-...)	Four Volunteers: 1 X-Ray Technician (12 m/m) 1 Laboratory Analyst (12 m/m) to support the TB Control Project in Sana'a. 1 X-Ray Technician (6 m/m) and 1 Laboratory Analyst in the TB Control Project in Hodeidah.
Expanded Programme of Immunization (EPI 001)	WHO (RP)/ Saudi Fund	104,000 188,742 Fin. Aid from Saudi Fund (900,000)	Indefinite (1977-...)	The project includes: a Technical Officer, Consultancy Services; 2 UN Volunteer Programme Assistants, supplies, equipment and fellowships.
Expanded Programme of Immunization	US Peace Corps	280,000	5 years (1977-1982)	Volunteers: - 14 Team Leaders - 2 Statisticians - 1 Administrative Officer - 2 Mechanics - 1 Researcher Location: EPI: Sana'a, Hodeidah, Ihamar and Sa'adah SCF (Norway): Ibb.

Technical Co-Operation

Yemen Arab Republic

Code: 1020

Sub-Sector: Disease Prevention and Control

Project/Activity	Source of Assistance	Assistance (US Dis) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Nursing	YAR/US Government	N/A	Indefinite	16 Volunteer Nurses: - 5 in Hodeidah, Al-Olofi Hospital - 2 in Matweit, SCF Pediatrics Hospital - 5 in Sa'adah, Republican Hospital - 1 in Amran - 1 in Rawdah, SCF - 1 in Khiba - 1 in Lerwa Colony, Taiz
Rehabilitation Centre	Government of the Netherlands/ONV	72,000	Indefinite (1979-...)	Two Volunteers (24 m/m) in 1980 working as physiotherapists to assist the Centre in rehabilitating disabled persons in Sana'a.
Medical Training Course	Republic of Italy, Min. Foreign Affairs, Department of Devt. Co-Operation, Rome	6,000 (6,000)	1 year (1980)	A Yemeni male nurse will be awarded a fellow- ship in an Italian Hospital to undergo a training course in Physio-Therapy.
Burn Unit Al-Olofi Hospital	CBS, New York	(2,623)	1 year (1980)	Antoclave and medical supplies for burn treat- ment. Location: Hodeidah

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Disease Prevention and Control

Cde: 1020

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Radiology Equipment for Al-Olofi Hospital	CRS, New York	2,003 (N/A)	1 year (1980-1981)	X-Ray Equipment. Location: Hodeidah
Oxygen Therapy Al-Olofi Hospital	CRS, New York	2,430 (N/A)	3 years (1978-1980)	Oxygen Therapy Equipment. Location: Hodeidah
Leprosy Outreach	US Peace Corps	20,000	4 years (1977-1981)	Volunteers: 2 Nurses; Location: City of Light, Taiz

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US Dis) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Strengthening the Rural Water Supply Department Phase II YE-4/78/005 BSM/003	WHO/UNDP	649,300 (1,747,606)	4 years (1979-1982)	To strengthen the managerial and operational capacity of the Rural Water Supply Department of the Ministry of Public Works. The project includes: - 112 m/m of experts (42 m/m) (Project Manager, Design Engineer, Hydrologist, Surveyor) - 258 m/m Volunteers (107 m/m) - training of fellowships - equipment The project is entirely financed by the Government of the Netherlands.
Community Water Supply and Sanitation BSM/001	WHO (RP)/ Saudi Fund	132,000 210,000	Indefinite (1976-...)	This project is to supplement the above project: Strengthening the rural Water Supply Department.
Rural Water Supply	Federal Republic of Germany	N/A (540,000)	Indefinite (1979-...)	Support to the Ministry of Public Works. A Grant

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Rural Water Supply	German Development Services	N/A (N/A)	Indefinite (1979-...)	One Hydrologist (Volunteer) working with the Rural Water Supply Department of the Ministry of Public Works, Sana'a.
Strengthening of the Rural Water Supply Department, Phase II (UNDP/WHO)	Government of the Netherlands/OWV	81,000 (N/A)	Indefinite (1979-...)	Two Volunteers (27 m/m), Water Engineers, to support the Rural Water Supply Department of the Ministry of Public Works in Sana'a in designing rural drinking water projects. One Volunteer is based in Sana'a, another one in Hodeidah, attached to the Highway Authority. The project also includes the training of counterparts.
Sanitation	US Peace Corps	20,000	2 years (1979-1980)	Volunteers: 1 Sanitation Supervisor Location: Ministry of Public Works, Sana'a.
Environmental Health Services and Community Water Supply BSM/001	WHO (RP)/ Saudi Fund	133,000 342,000 FM. Aid from Saudi Fund (679,000)	5 years (1976-1981)	The project includes a Sanitary Engineer supplies, equipment and fellowships.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US \$) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Rural Water Supply	UNICEF	330,000	3 years (1978-1980)	Supply of pipes, fittings and pumps and staffing (in 1980: 1 expert 12 m/m)
Hamar/Ibb Water Sewerage Project	Netherlands Technical Assistance	2,793 (6,703,910)	Indefinite (1980-...)	A sewerage treatment plan for Hamar.
Artesian Wells and Potable Water	Republic of Iraq	N/A (2,000,000)	1 year (1980)	The digging of water wells in various villages in the Yemen Arab Republic and the execution and completion of potable water projects in some villages. 46 experts: 1104 m/m (552 m/m) Equipment: 2 rigs, 6 lorries, 6 vehicles, 4 caravans, 2 cranes, 2 water tankers.
Rural Water Supply (Feasibility Study)	Japan/Japan International Cooperation Agency (JICA)	N/A (N/A)	4 years (1978-1980)	A final report was submitted to the YAR Government in May, 1980.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Rural Development (USLID Project 045)	US Peace Corps	140,000 (N/A)	5 years - (1980-1985)	7 Volunteers: - 2 Construction Supervisors - 2 Architects - 2 Engineers - 1 Surveyor Location: Hajja and Hodeidah
Improvement of Drinking Water	EEC	N/A (N/A)	Indefinite (1977-...)	Improving and sterilizing the water wells at Al Kabbaita Villages.
Water Supply Systems Management (0028)	USAID	N/A (5,000,000)	4 years (1979-1982)	This activity helps the National Water and Sewerage Authority to plan, design, manage operate and maintain the present water and sewerage systems in Taiz, Sana'a and Hodeidah, and Ibb and Khamar at a later date. USAID will provide a long-term and short-term training and a team of management and finan- cial experts. The team arrived in 1979.

Yemen Arab Republic

Technical Co-Operation

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Taiz Water and Sewerage Construction (0039)	USAID	N/A (10,000,000)	6 years (1977-1982)	This project provides US Dls 10 million towards the cost of the new Taiz Water and Sewerage System (final design for the system was completed under an earlier USAID project costing US Dls 1.35 million). Work has begun at several tank sites. The laying of water distribution and sewer pipes has begun within the city.
Sanitarian	US Government	10,000	2 years (1979-1980)	1 Volunteer working in Al-Raydah (Save the Children Fund) and Sana'a (Ministry of Municipalities).
Small Rural Water Systems (044)	USAID	1,527,000 (6,977,000)	5 years (1980-1985)	This project succeeds the Rural Water Supply Project (022) which finished 1979. This new project will construct 140 small rural water systems to benefit approximately 140,000 persons with potable water. The project finances Technical Assistance, commodities and Technical Training for Yemenis.

Technical Co-Operation

Yemen Arab Republic

Sub-Sector: Environmental Health

Code: 1030

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location
Rural Water Projects (Ministry of Public Works)	US Peace Corps	100,000	7 years (1974-1980)	Volunteers: 4 Construction Supervisors, 1 Architect Location: Sana'a
Naquil Al-Ghula	CRS, New York	13,536	1 year (1979-1980)	Cement, Construction materials and water supply.
Al-Haglah Water Supply	CRS, New York	12,500	1 1/2 years (1979-1980)	Materials (cement, dynamite and stone) Refurbish Cistern
Beni Humis Water Supply	CRS, New York	9,956	3 years (1978-1980)	Cement, Construction materials, cisterns.
Al-Degrani Water Supply	CRS, New York	10,184	1 year (1979-1980)	Cement, Construction materials, cistern.
Wadi Mislit Water Supply	CRS, New York	20,150	2 years (1979-1980)	Cement and construction materials.

Technical Co-Operation		Sub-Sector: Environmental Health		Code: 1030	
Yemen Arab Republic					
Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Nature of Assistance and Location	
Bait Al Nagli Water Supply	CRS, New York	10,000	1 year (1979-1980)	Cement, construction supplies, Cistern and Well.	
Beni Saif Water	CRS, New York	13,333	1 year (1980)	Pump, piping and construction ma- terials for spring source reser- voir.	
Eretrian Camp Water Supply	CRS, New York	23,343	Indefinite (1980-...)	Pumps, pipes, reservoir construc- tion materials for two wells.	
Environmental Health Pollution Problems RCE 001	WHO (EP)	26,700	Indefinite (1980-...)	Consultancy services and fellow- ships.	

Yemen Arab Republic		Capital Investment		Sector: Health		Code: 10	
Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project	Begin-End Dates	Remarks		
Water Supply and Sewerage (Credit No. 559/YAR)	IBRD/IDA	2,110,000 (8,100,000)	5 years	(1975-1980)			
Water Supply and Sewerage	IBRD/IDA	N/A (12,000,000)	5 years	(1979-1984)	US Dls 2,000,000 for supervision/implementation/engineering, US Dls 160,000 for training, US Dls 916,000 for experts.		
Rural Water Supply (Credit No. YA-1)	Japan/Overseas Economic Cooperation Fund	N/A (18,435,000)	3 years	(1979-1982)	Implementation on the basis of a field survey which took place in 1979 by a Japanese Team.		
Water and Sewerage Phase II (Credit No. 37/77)	AFESD	N/A (18,080,000)	5 years	(1977-1982)	Sana'a. A Loan to the National Water and Sewerage Authority.		
Water Supply and Sewerage Phase II (Credit No. 670/YAR)	IBRD/IDA	N/A (10,000,000)	5 years	(1977-1982)	Sana'a.		

Yemen Arab Republic

Capital Investment

Sector: Health

Code: 10

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project	Remarks
Water and Sewerage (Credit No. 13/75)	AFESD	N/A (21,690,000)	6 years (1975-1980)	Hodeidah. A loan to the National Water and Sewerage Authority.
Water and Sewerage (Credit No. 548)	Abu Dhabi (FASD)	1,140,000 (40,000,000)	5 years (1978-1982)	Taiz. A loan.
Water Supply	Federal Republic of Germany	N/A (24,750,000)	Indefinite (1979-...)	Ibb. A Grant.
Water and Sewerage (Credit No. 8/88)	Saudi Arabia (Development Fund)	N/A (30,222,222)	3 years (1979-1982)	Taiz. A loan.
Water and Sewerage (Credit No. 4/44)	Saudi Arabia (Development Fund)	N/A (15,500,977)	4 years (1979-1982)	Sana'a. A loan. Source: Central Bank of Yemen.
Water and Sewerage (Credit No. 950)	IBRD/IDA	N/A (12,000,000)	6 years (1979-1984)	Ibb and Dhahar. A Credit to the National Water and Sewerage Authority.

Yemen Arab Republic

Capital Investment:

Sector: Health

Code: 10

Project/Activity	Source of Assistance	Assistance US Dls) committed for 1980	Duration of total Project Begin-End Dates	Remarks
Provincial Health Services	Government of the Netherlands	N/A (7,664,804)	Indefinite (1977-...)	Location: Dhamar A Grant.
Solid Waste Disposal	Government of the Netherlands	128,491 (4,483,240)	4 years (1980-1983)	Investment and expertise for a turnkey solid waste disposal project for the city of Taiz.
Hospital	Saudi Arabia	820,797 (1,658,176)	2 years (1980-1981)	Construction of a 28-bed Hospital at Dul'a, near Sana'a. A Grant.
Primary Health Unit	Saudi Arabia	106,456 (300,000)	2 years (1980-1981)	Construction of Primary Health Unit at Al-I'foo'a, Taiz. A Grant.
Enlargement of Sa'ada Hospital	Saudi Arabia	N/A (27,231,431)	2 years (1980-1981)	Construction of additional facilities for a 50-bed Hospital at Sa'ada inclu- ding additional medical equipment. The main Hospital has been built and equip- ped by Saudi Arabia. A Grant.

Yemen Arab Republic		Capital Investment		Sector: Health		Code: 10
Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project	Remarks	Begin-End Dates	
20-bed Clinic	Saudi Arabia	24,040 (358,038)	3 years (1978-1980)	Construction of a 20-bed Clinic at Dawran Anis. A Grant.		
10-bed Clinic	Saudi Arabia	39,042 (388,780)	4 years (1977-1980)	Construction of a 10-bed Clinic at Al- Hayfah-Arhab. A Grant.		
Medical Equipment for 50-bed Hospital	Saudi Arabia	N/A (1,452,025)	3 years (1979-1981)	Equipment for the Hospital built by Saudi Arabia at Sa'ada. A Grant.		
Medical Equipment for 10-bed Clinic	Saudi Arabia	279,546 (332,793)	2 years (1980-1981)	For the Clinic built by Saudi Arabia at Al-Hayfah-Arhab. A Grant.		
Integrated Rural Development Project	CONCERN	70,000	4 years (1978-1981)	Volunteers allowances for the Wasab Al Ali Team.		

Capital Investment

Code: 10

Sector: Health

Yemen Arab Republic

Project/Activity	Source of Assistance	Assistance (US Dls) committed for 1980	Duration of total Project Begin-End Dates	Remarks
Training Programme for Primary Health Workers and Local Birth Attendants	SCF (Sweden)	72,527	N/A (...-1981)	Stipends for the students coming from the villages. Location: Taiz and Ibb.
City of Light	SCF (Norway)	N/A (N/A)	Indefinite (1979-...)	Lepra Colony for which SCF (Norway) gives funds but is not involved in project activities. Location: Taiz.

JICA