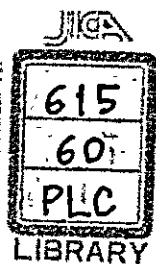


**JICA'S TECHNICAL COOPERATION
IN
THE UNITED MEXICAN STATES**

1981



Japan International Cooperation Agency



国際協力事業団		
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MAP: AREAS OF JICA's TECHNICAL COOPERATION IN MEXICO



Introduction

The Japan International Cooperation Agency (JICA) is a governmental organization established in 1974. JICA performs activities related to international cooperation with developing countries.

In order to implement the work smoothly and effectively, JICA obtains extensive cooperation from governmental organs, local autonomous bodies and private enterprises in Japan, keeping in close contact with governments of developing countries and international organizations.

The following is an outline of the operations carried out by JICA:

- (1) to extend technical cooperation to developing areas on a government-to-government basis;
- (2) to carry out the work necessary for the promotion of the activities of the Japan Overseas Cooperation Volunteers;
- (3) to supply funds necessary for the improvement of the facilities related to social development, development of agriculture, forestry, mining and manufacturing, or funds necessary for pilot projects;
- (4) to provide services necessary for smooth emigration of Japanese to South America or other parts of the world;
- (5) to recruit and provide training to qualified personnel for technical cooperation; and
- (6) to provide new services for the implementation of Capital Grant Assistance to developing areas.

Outline of JICA's Technical Cooperation

1. Training Program for Overseas Participants

This program provides overseas participants with technical training in various fields. There are two types of training designed at the request of developing countries; a group training program and an individual training program.

Participants study at JICA training centers, government research organizations, universities and/or training centers of private enterprises.

2. Expert Assignment Program

JICA sends Japanese experts to developing countries or international organizations. The experts participate in planning, execution, evaluation and make recommendations for development programs in these government organizations, research institutes, or training centers.

3. Equipment Supply Program

In order to make technical cooperation more effective, JICA supplies equipment necessary for the activities of JICA's ex-trainees, Japanese experts, and Japan Overseas Cooperation Volunteers.

The equipment includes machinery, machine tools, etc.

4. Project-Type Technical Cooperation Programs

"Project-type" technical cooperation programs combine the above-mentioned three forms of programs and are carried out systematically and comprehensively in the countries concerned.

Under these types of programs, JICA provides technical assistance by dispatching survey teams, assigning experts, supplying equipment, accepting counterparts related to projects, and performing follow-up evaluation after the completion of the projects.

These types of programs include the Overseas Technical Cooperation Center Program, the Health and Medical Cooperation Program, the Agriculture, Forestry and Fisheries Cooperation Program, as well as the Industrial Development Cooperation Program.

4.1 Overseas Technical Cooperation Center Program

Overseas technical cooperation centers are designed to provide training for engineers and for skilled workers whose services are essential to the socio-economic progress of developing countries.

This program aims at development of manpower resources, development and improvement of production methods, and the development of vocational training.

4.2 Health and Medical Cooperation Program

This program is designed to offer medical assistance to developing countries whose people suffer from epidemic or endemic diseases, and emphasizes cooperation in the bettering of the citizens through the improvement of public hygiene and environment.

4.3 Agriculture, Forestry and Fisheries Development Cooperation Program

This program intends to improve living standards through production increases in the fields of agriculture, forestry and fisheries.

The forms of assistance are technical guidance in agricultural extension centers or model extension farms; comprehensive guidance in regional infrastructure of designated project areas; and assistance in enhancing the agricultural research and development capacity of recipient countries.

4.4 Industrial Development Cooperation Program

This program aims at effective utilization of locally available natural or human resources for the development of various mining and manufacturing industries which will expand employment opportunities.

5. Development Survey Program

The "Development survey program" is an advisory service which dispatches survey teams to development projects in the public sector.

6. Development Cooperation Program

JICA offers long-term and low-interest loans to Japanese corporations (including foreign corporations financed by Japanese firms) which require funds for improvement and expansion of facilities, or funds for experimental projects to promote development in various industrial sectors.

Table 1. Total Expenditures by Type

Upper figure: 1,000 Yen
Lower figure: U.S.\$1,000

Type	Total F.Y. 1958-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
Training Program	1,163,104	352,132	288,755	474,537	629,818*	2,908,346*
(Number of Mexican Participants)	3,822 (680)	1,311 (114)	1,372 (127)	2,165 (132)	2,778 (147)	11,448 (1,200)
Expert Assignment Programs ¹⁾	656,033	123,213	208,635	169,003	152,482*	1,309,366*
(Number of Japanese Experts)	2,156 (80)	459 (12)	991 (10)	771 (20)	672 (28)	5,049 (150)
Survey Mission	260,573	190,642	215,828	115,121	386,221*	1,168,385*
(Number of Survey Mission Members)	856 (45)	710 (42)	1,025 (14)	525 (40)	1,703 (97)	4,819 (238)
Equipment Supply ²⁾	262,478	44,088	16,527	89,901	38,219*	451,213*
	863	164	79	410	169	1,685
Grand Total	2,342,188 7,697	710,075 2,644	729,745 3,467	848,562 3,871	1,206,740* 5,322	5,837,310* 23,001

Note: * Provisional figures

The following exchange rates were used: 1958-1976 ¥304.31/US\$
1977 ¥268.51/US\$
1978 ¥210.47/US\$
1979 ¥219.17/US\$
1980 ¥226.74/US\$

1) Includes expenditures of Project-type technical cooperation programs

2) Including expenditures of Project-type technical cooperation programs

Table 2. Total Expenditures by Program

Upper figure: 1,000 Yen
Lower figure: US\$1,000

Program	Total F.Y. 1958-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
1. Training Program	1,163,104	352,132	288,755	474,537	629,818*	2,908,346*
	3,822	1,311	1,372	2,165	2,778	11,448
2. Expert Assignment Program	407,436	133,137	218,165	175,559	132,451*	1,066,748*
	1,339	496	1,036	801	584	4,256
3. Equipment Supply Program	26,636	21,997	1,410	62,659	17,504*	130,206*
	88	82	7	285	77	539
4. Overseas Technical Coopera- tion Center Program	488,127	-	840	7,409	1,294*	497,670*
	1,604	-	4	34	6	1,648
5. Health and Medical Cooperation Program	-	891	-	-	-	891
	-	3	-	-	-	3
6. Agriculture, Forestry and Fisheries Cooperation Program	-	-	-	-	9,722*	9,722*
	-	-	-	-	43	43
7. Industrial Development Cooperation Program	19	1,248	4,984	12,653	37,990*	56,894*
	-	5	24	58	167	254
8. Development Survey Program	256,866	200,670	214,282	102,445	377,961*	1,152,224*
	844	747	1,018	467	1,667	4,743
9. Development Cooperation Program	-	-	1,309	13,300	-	14,609
	-	-	6	61	-	67
Grand Total	2,342,188	710,075	729,745	848,562	1,206,740*	5,837,310*
	7,697	2,644	3,467	3,871	5,322	23,001

Note: * Provisional figures

Refer to Table 1 for exchange rates.

Table 3. Training Program for Overseas Participants (Number of Mexican Participants)

Sector	Number of persons					Cumulative Total
	Total F.Y. 1960-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	
1. Agriculture	59	4	4	4	5*	76*
2. Fisheries	52	17	23	21	24*	137*
3. Construction	21	1	1	1	9*	33*
4. Heavy Industries	113	29	21	28	25*	216*
5. Mining	25	4	2	-	5*	36*
6. Light Industries	57	24	9	-	16*	106*
7. Chemical Industries	28	3	4	14	8*	57*
8. Public Works	14	-	4	1	3*	22*
9. Transport	59	4	9	11	10*	93*
10. Postal Services & Telecommunications	121	13	9	11	7*	161*
11. Health & Welfare	27	6	16	16	19*	84*
12. Atomic Energy	3	-	2	1	-	6*
13. Management Technology	22	3	12	14	4*	55*
14. Education	19	-	-	-	2*	21*
15. Administration	17	4	10	7	6*	44*
16. Others	43	2	1	3	4*	53*
Grand Total	680	114	127	132	147*	1,200*

Note: * Provisional figures

Table 4. Expert Assignment Program (Number of Japanese Experts)

Sector	Number of persons					
	Total F.Y. 1958-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
1. Agriculture	6	4	-	-	2*	12*
2. Fisheries	17	2	3	-	4*	26*
3. Construction	2	-	-	-	4*	6*
4. Heavy Industries	1	-	-	1	-	2
5. Mining	2	-	1	4	4*	11*
6. Light Industries	-	-	-	-	2*	2*
7. Chemical Industries	1	-	1	-	1*	3*
8. Public Works	-	-	-	-	6*	6*
9. Transport	8	2	-	3	-	13*
10. Postal Services & Telecommunications	38	2	4	6	3*	53*
11. Health & Welfare	1	1	-	-	-	2
12. Atomic Energy	-	-	-	-	-	-
13. Management Technology	-	-	-	-	-	-
14. Education	1	1	-	4	-	6
15. Administration	1	-	1	2	-	4
16. Others	2	-	-	-	2*	4*
Grand Total	80	12	10	20	28*	150*

Note: * Provisional figures

Table 5. Equipment Supply Program (Expenditures)

Equipment	1,000 Yen					
	Total F.Y. 1962-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
1. Fishery Education	4,167	-	-	-	-	4,167
2. Citrus Study	2,007	-	-	-	-	2,007
3. Agricultural Education	15,878	-	-	-	-	15,878
4. Early Diagnosis of Cancer	4,584	-	-	-	-	4,584
5. Coastal Fishery	-	5,193	-	-	-	5,193
6. Language Laboratory	-	16,804	-	-	-	16,804
7. Telecommunications	-	-	1,410	51,943	-	53,353
8. Animal Health	-	-	-	10,716	-	10,716
9. Petrochemical Study	-	-	-	-	11,786*	11,786*
10. Animal Husbandry	-	-	-	-	5,718*	5,818*
Grand Total	26,636	21,997	1,410	62,659	17,504*	130,206*

Note: * Provisional figures

Table 6. Project-Type Technical Cooperation Programs (Expenditures)

Table 6.1 Overseas Technical Cooperation Center Program

1,000 Yen				
Project	Cooperation Period	Total Expenses	Number of Japanese Experts	Number of Mexican Counterparts
1. Telecommunications Training Center	Jul.1967-Jul.1975	488,127	27	11
2. Technological Development of Mineral Processing and Metallurgy	F.Y.1978	840	-	-
3. Telecommunications Training Center	F.Y.1979	7,409	-	-
	F.Y.1980	1,294*	-	-
Total		497,670*	27	11

Note: * Provisional figures

Table 6.2 Health and Medical Cooperation Program

1,000 Yen				
Project	Cooperation Period	Total Expenses	Number of Japanese Experts	Number of Mexican Counterparts
(Dispatch of a University Professor)	October 1977	891	1	-
Total		891	1	-

Table 6.3 Agriculture, Forestry and Fisheries Cooperation Program

Project	Cooperation Period	Total Expenses	Number of Japanese Experts	1,000 Yen
				Number of Mexican Counterparts
Animal Health Center Project	Jun.1981-May 1986	9,722*	-	-
Total		9,722*	-	-

Note: * Provisional figures

Table 6.4 Industrial Development Cooperation Program

Project	Cooperation Period	Total Expenses	Number of Japanese Experts	1,000 Yen
				Number of Mexican Counterparts
1. Livestock Development	F.Y.1976	19	6	-
2. Project Identification Survey	F.Y.1977	1,248	-	-
3. Technological Development of Mineral Processing and Metallurgy	Dec.1979-Dec.1983	55,627*	8*	3*
Total		56,894*	14*	3*

Note: * Provisional figures

Table 7. Development Survey Program (Expenditures)

Project	1,000 Yen					
	Total F.Y. 1965-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
1. Port Construction Project Survey	31,596	-	-	-	-	31,596
2. Mexico City Suburban Railways Construction Survey	-	55,056	-	-	-	55,056
3. Suburban Railways Project Survey	-	-	-	7,326	-	7,326
4. Trunk Railways Electrification Project	-	-	-	2,168	109,045*	111,213*
5. Construction Project of Seafront Industrial Area	-	-	-	-	29,858*	29,858*
6. Geological and Mineral Survey in Northern District	219,074	145,614	214,282	-	-	578,970
7. Mineral Exploration Survey; Follow-up Survey	-	-	-	1,868	-	1,868
8. Mineral Exploration Survey in Pachuca District	-	-	-	77,282	129,861*	207,143*
9. Preliminary Survey for Mineral Exploration Project	6,196	-	-	-	-	6,196
10. Pyrite Development Project in Guerrero State	-	-	-	13,801	69,267*	83,068*
11. Prefeasibility Study on the Development of Laguna Cotton Textile Industry	-	-	-	-	38,286*	38,286*

(Continued)

Project	1,000 Yen					
	Total F.Y. 1965-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
12. Economic and Technical Cooperation Survey	-	-	-	-	1,644*	1,644*
Total	256,866	200,670	214,282	102,445	377,961*	1,152,225*

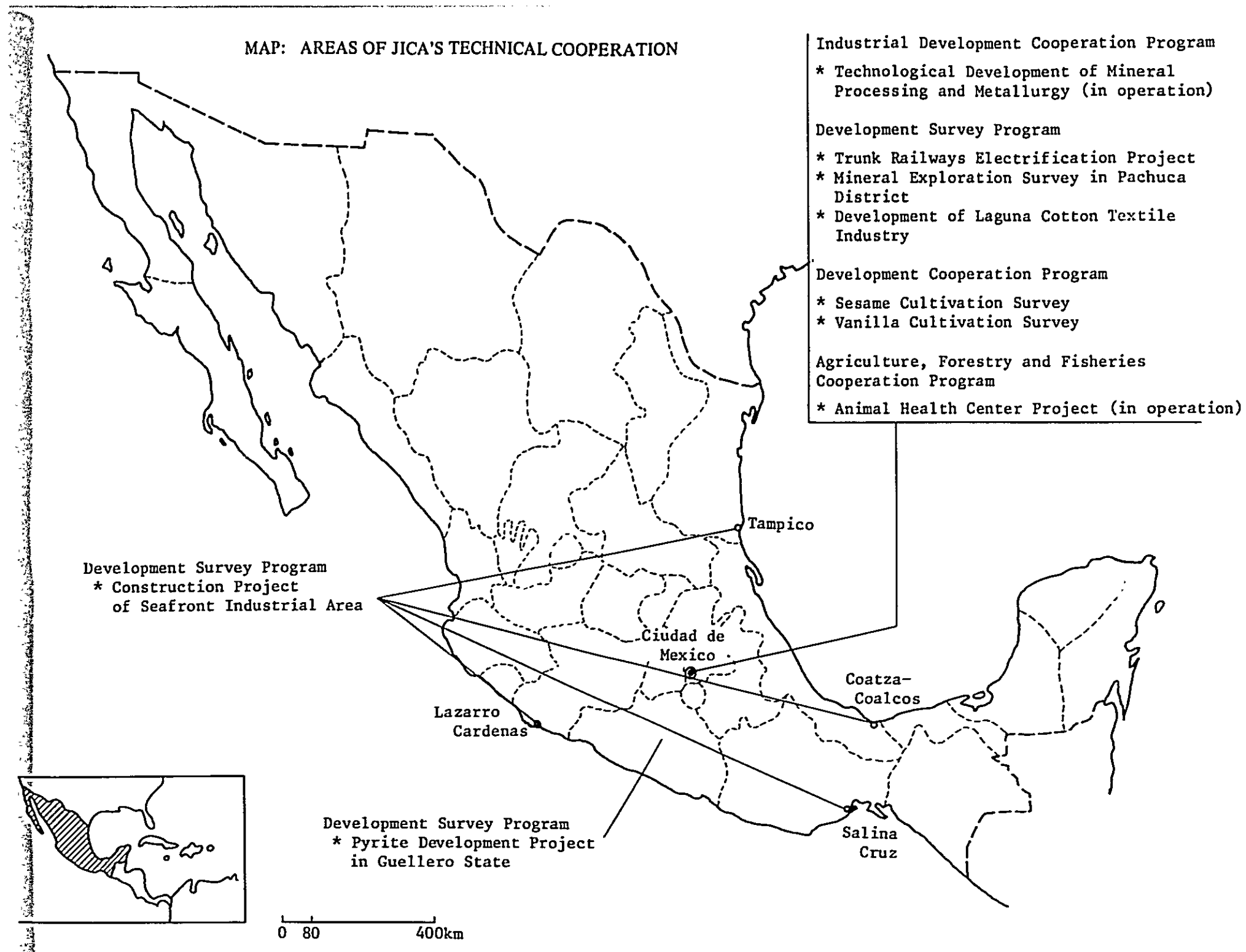
Note: * Provisional figures

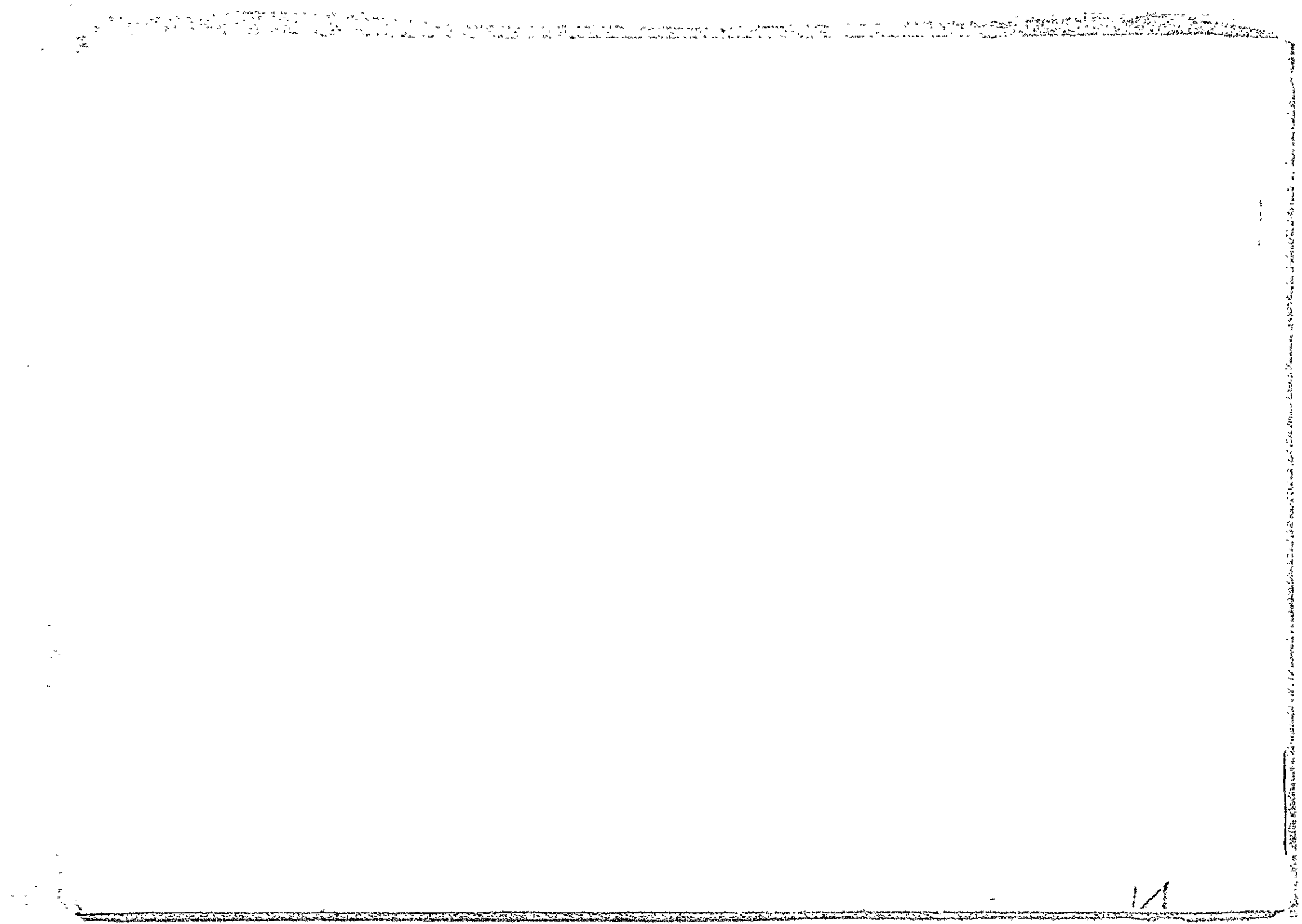
Table 8. Development Cooperation Program (Expenditures)

Project	1,000 Yen					
	Total F.Y. 1974-F.Y. 1976	F.Y. 1977	F.Y. 1978	F.Y. 1979	F.Y. 1980	Cumulative Total
1. Preliminary Survey	-	-	1,309	-	-	1,309
2. Development cooperation Survey for Sesame Cultivation	-	-	-	13,300	45*	13,345'
3. Development Cooperation Survey for Vanilla Cultivation	-	-	-	-	194*	194*
Total	-	-	1,309	13,300	239*	14,848*

Note: * Provisional figures

MAP: AREAS OF JICA'S TECHNICAL COOPERATION





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