

SDI

Assistência Técnica

B R A Z I L

EXTERNAL ASSISTANCE

TO

EDUCATION DEVELOPMENT

A Survey By

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EXTERNAL ASSISTANCE TO EDUCATION DEVELOPMENT IN BRAZIL

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Introduction

External assistance to education in Brazil is varied and complex. It takes many forms and ranges widely from a small donation of books to a comprehensive project with mutual obligations, involving millions of dollars. It may be direct support for the development and improvement of the actual educational system at one or more levels, or it may be indirect through the support of specific research in a particular science laboratory. It can also be a smaller specific training element of a large economic or social development project which can be considered as part of the overall educational effort. In such a variety and complexity of operations it becomes difficult to obtain a clear picture of the total external assistance to education development in Brazil. This problem is complicated by the fact that the data on external assistance is scattered throughout several government offices, and there are some forms of assistance provided by foreign educational and private voluntary institutions directly to local entities which are unknown even to the appropriate governmental offices.

However, because of the variety of types and the great volume of external assistance in the Brazilian education sector, better knowledge of these activities is necessary in order to coordinate them with GOB priorities and investments. Consequently, USAID contracted a Brazilian consultant to undertake a systematic study of this area. The Government of Brazil realizing the need for such information, is presently in the process of surveying all activities in this field in order to establish better coordination and control of them. This effort is being conducted jointly by the Secretariat-General of the Ministry of Education and Culture, the Institute of Applied Economic and Social Research (IPEA) and the Sub-Secretariat for International Economic and Technical Cooperation (SUBIN) of the Ministry of Planning and through the Technical Assistance Division (DAT) of the Ministry of Foreign Affairs. The completion of this survey, however, will take some time, due to the complexity of the subject.

Plan of Study

This paper was originally intended to present an in-depth of external assistance (other than USAID) to education in Brazil. For this purpose, a questionnaire was developed (attached) covering all foreseeable forms of assistance in an effort to make it as widely applicable as possible.

A plan for conducting the survey was established consisting essentially of: (a) gathering all available information in USAID/HRO files and (b) completing and supplementing the data thus obtained through direct consultations with (1) the external assistance agencies, (2) the Brazilian Agencies coordinating or responsible for the assistance and (3) the executing or benefitted agencies or entities. This plan was designed to have sufficient flexibility to allow for variations in the kind of assistance and for opportunity and timing factors.

The consultation of USAID/HRO files began in mid September, 1969. Reports, printed matter and other papers dealing with the subject were examined to provide a lead for further investigation. This was followed by interviews with officials both in the Brazilian agencies concerned and in assistance organizations.

The following agencies and organizations were consulted, some of them more than once:

Brazilian agencies:

Ministry of Education and Culture

- General Secretariat
- Directorate of Industrial Education
- Directorate of Secondary Education
- National Institute of Educational Studies (INEP)
- Coordinator for the Improvement of Higher Education Teaching Personnel (CAPES)

Ministry of Planning and General Coordination

- Institute of Applied Economic and Social Research (IPEA)
- Sub-Secretariat for International Economic and Technical Cooperation (SUBIN)

Ministry of Foreign Affairs

- Technical Assistance Division (DAT)

Assistance agencies:

United Nations

- United Nations Development Programme (UNDP)
- United Nations Educational, Scientific and Cultural Organization (UNESCO)
- Food and Agriculture Organization (FAO)

Organization of the American States (OAS)

The Ford Foundation

United States Agency for International Development (USAID)

Diligent investigations were conducted. It soon became apparent, however, that the questionnaire previously developed was too ambitious and that it was not possible to obtain responses to all the questions. In the course of the interviews with the several agencies and organizations it was sensed that the information involved was often regarded as "delicate". In certain instances, despite the courtesy and politeness prevailing in the interviews there was a reluctance to provide all of the data.

Considering the foregoing facts, it was decided to omit the direct consultation with the representatives of countries providing bi-lateral assistance. Furthermore, since too much time was consumed in gathering the data contained in this paper, the originally planned visits to the benefitted institutions executing projects or receiving assistance was dropped, as per instructions from HRO officials. These visits, requiring extensive travel, would have exceeded the time allowed for this study.

This study, then, as it finally evolved does not provide a total, comprehensive picture of external assistance to education development in Brazil. It does indicate significant aspects of such assistance from 1965-1969 in areas directly affecting the country's educational system and comprising current activities, recently completed projects pending formalization. It is the only available compilation of such information and thus becomes, even in its more restricted form, a valuable reference source.

Assistance from Multi-lateral Organizations

The multi-lateral agencies providing assistance to education in Brazil which are identified in this study are related to either the United Nations or the Organization of the American States.

Most of the assistance programs carried out by United Nations agencies are financed on a non-reimbursable basis by the United Nations Development Program (UNDP) through either one of its two components, Technical Assistance (UNDP/TA) or the Special Fund (UNDP/SF). Both components can provide services of experts, equipment, and supplies. However, Technical Assistance is specially designed to advise, demonstrate, train and facilitate the exchange of technical information and skills.

The majority of TA resources is used with the services of experts who may be assigned for a minimum of a few weeks to a maximum of four years.

The Special Fund component provides more systematic and intensive assistance to projects for economic and social development than is possible from the resources and nature of the Technical Assistance group. The SF activities usually concentrate on relatively large projects with a duration of several years, involving, in many instances, millions of dollars of support. The assistance provided to Brazil under UNDP stems from a Basic Agreement signed in September 16, 1960 between Brazil and UNDP.

The Organization of the American States aid to education is coordinated by its Inter-American Cultural Council and is generally inter-American in nature, i. e., other countries are benefitted by it.

Also, multi-lateral assistance is provided on a reimbursable basis in the form of long term loans by the International Bank for Reconstruction and Development (IBRD), also known as the World Bank, and by the Inter-American Development Bank (IDB). In this paper both these organizations are placed respectively under the United Nations and under O. A. S.

Bi-lateral Assistance

Bi-lateral assistance to education in Brazil comes from private, non-profit organizations such as foundations, religious entities, voluntary agencies, etc., as well as from national governments, directly or through their specialized offices. Assistance consisting exclusively of scholarship or fellowship grants is not included, nor is financing from commercial organizations for purchase of commodities, with or without intervention of governments (such as the purchase of equipment for education in Europe, etc.).

In many cases, only the title of the project, the amount assigned to it and the benefitted entity were obtainable. In other instances, such as for governmental aid, neither the value of the contribution nor the details of the operation have been disclosed.

Ford Foundation Projects

The Ford Foundation assistance consists of grants released in quarterly installments as per specific agreements in which the benefitted party makes a commitment to give the necessary additional support to ensure a successful operation of the project. The great majority of the assistance is provided directly to an entity without going through an official coordinating agency, such as Ministry of Education and Culture, unless such an agency is directly involved in the project.

Rockefeller Foundation Projects

The Rockefeller Foundation assistance takes the form of grants, generally used in the United States, for equipment, supplies, scholarships and fellowships, and faculty visits to assisted entities. The information included in this survey refers to the Rockefeller Foundation Report of 1968. This assistance benefits exclusively higher education.

Federal Republic of Germany Assistance

The assistance provided to Brazil by the Government of Western Germany stems from a Basic Agreement for Technical Cooperation dated November 30, 1963. Under this agreement, several projects in the field of education have been undertaken, designated as "understandings" ("ajustes") or "sub-agreements", the values of which have not been disclosed by the information sources consulted.

Great-Britain Assistance

Most of the assistance provided by the British Government to education in Brazil takes the form of visiting professors and, in certain instances, includes the furnishing of commodities. Presently the assistance is provided under a Basic Agreement for Technical Cooperation dated February, 1968. However, prior to that date, assistance had been granted on terms of other agreements.

Assistance from Other Countries

Other countries have assisted education in Brazil on the basis of specific agreements or understandings, independently from a general or broader assistance project.

Conclusions

While this paper does not constitute a complete and exhaustive survey, it does provide a wealth of information and a broad panorama of foreign aid to education in Brazil. A total of 128 different projects in the form of grants or loans have been identified. The information gathered is contained in the attached tables, referred to as Annexes as listed in the Table of Contents. The analysis of these Annexes indicate, among other things, the following significant data:

Of the 128 identified projects, 32 have no indication of either external input or of local contribution. The remaining 96 projects (92 grants and 4 loans) represent a total external input of US\$75,276,772 for the period 1965 - 1969.

Of the 128 projects, the great majority apply to Higher Education, as the following distribution shows:

Higher Education	67%
Secondary Education	16%
Elementary Education	7%
Technical Education	3%
Non academic projects	7%

The total value of the external input of the 96 projects by educational level is similarly distributed:

Higher Education	74.4%
Secondary Education	22.6%
Elementary Education	1.5%
Technical Education	0.2%
Non academic projects	1.3%

The reported input of US\$75,276,772 does not include bi-lateral assistance from foreign governments. In addition, ten projects, mostly pending, and from multi-lateral agencies, have no indication of values. Thus, discounting these aspects, the percentages of contribution by the assistance agencies are the following, taking round values as a basis:

Organization of the	
American States	42.9%
United Nations	34.6%
The Ford Foundation	22.2%
The Rockefeller Foundation	.3%

In these percentages, the loans of international banks have been computed, and the two international banks are placed either under the United Nations (IBRD) or the O.A.S. (IDB). This explains why O.A.S. comes up with such a high percentage: there are two operational loans amounting to \$ 28 million plus one completed loan of \$ 4 million all from the Inter-American Development Bank, which alone represent more than

40% of the total external input in Education in Brazil. Apart from this, the O.A.S. contribution represents actually only about 0.31% of the total external aid.

Of the total foreign input surveyed, 58.5% is in the form of loans, while 41.5% is in the form of grants. Probably the percentage for grants would be slightly higher if the values of the pending projects were determined and if the values of the bi-lateral assistance by foreign governments were disclosed.

Projects of Assistance to Education in Brazil
Classified by Assistance Agencies

1 - United Nations Projects

a) Operational

1.1 - Educational Level: Secondary and Higher

Educational Area: Basic Sciences

Designation of Project: Strengthening of Basic Sciences Teaching and Research (BRA 34)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Bahia, Salvador

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated June 1969

Duration of Project: 3 years as of June 1969

Objectives: Assist the strengthening of basic science teaching and research at the Federal University of Bahia through the development of its recently created Basic Science Center which consists of the Institutes of Physics, Chemistry, Mathematics, Biology and Earth Sciences. The activities include reform of curricula and teaching methods and establishment of post-graduate programs, as well as the organization of research programs for each Institute to be integrated with training activities. The Basic Science Center will also be assisted in the improvement and extension of secondary school science teaching in the State of Bahia.

Obligations of Assisting Agency: Provide a highly qualified team of international consultants to assist implementation of project; provide specialized equipment; grant fellowships

Obligations of Government of Brazil: Provide administrative support, facilities and installations at the Federal University of Bahia, and counterpart personnel; cover the local operating costs

Financing on Part of Assistance Agency:

Total:	US\$1,066,600, of which:
in kind (equipment)	250,000
in personnel	543,000
in administration	28,180
in training grants	84,000
overhead (UNESCO)	101,400

This total includes local operating costs paid by the Government of Brazil in Cr\$ equivalent to US\$ 81,500).

Financing on Part of Brazil:

Total	Cr\$9,382,048 (US\$2,745,390) ⁺	of which:
in cash	Cr\$ 326,000 (US\$ 81,500) ⁺⁺	
in kind (install.)	5,460,000 (US\$1,365,000)	
in personnel	Cr\$2,748,000 (US\$ 687,000)	
in administration	170,488 (US\$ 42,500)	
in equipment	Cr\$ 677,560 (US\$ 169,390)	

⁺ rate of exchange, US\$1 = Cr\$4.00.

⁺⁺ local operating costs deposited at the "Banco Boa Vista S.A." UNDP account number 127,250.

Yearly disbursement schedule:a) Assistance Agency

1968	US\$ 12,678 ⁺
1969	395,500
1970	351,200
1971	213,372
1972	33,850

b) Brazil

1968	Cr\$ 5,523,300	(US\$ 1,453,500) ⁺
1969	1,037,600	{ 262,813 }
	113,200	{ 28,300 } ⁺⁺
1970	1,224,400	{ 306,100 }
	121,600	{ 30,400 } ⁺⁺
1971	1,026,000	{ 256,500 }
	80,800	{ 20,200 } ⁺⁺
1972	244,748	{ 61,187 }
	10,400	{ 2,600 } ⁺⁺

⁺ While the project only started in mid 1969, the foreign expenses made in 1968 referred to preliminary studies by foreign experts; on the Brazilian side, the 1968 contribution refers to installations made available at that time.

⁺⁺ cash deposits to cover local operating costs.

1.2 - Educational Level: Higher

Educational Area: Hydrology

Designation of Project: Center for Applied Hydrology (BRA 27)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Rio Grande do Sul, Porto Alegre

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated early 1969

Duration of Project: 4 1/2 years as of 1969 (Preliminary studies began in June 1967)

Objectives: Assist in the establishment of a Center for Applied Hydrology at the Institute of Hydraulic Research of the Federal University of Rio Grande do Sul. The main function of the Center is to train specialists in applied hydrology at the graduate level and to provide sub-professional training in the collection and analysis of hydrological data and in hydrological observation. In addition the Center should complement the research program of the Institute for Hydraulic Research through pilot studies in river and coastal morphology, watershed hydrology and sedimentology, as well as flood forecasting activities in connection with the Upper Paraguay river basin project.

Obligations of the Assistance Agency: Provide a team of technicians, specialized equipment and training grants abroad.

Obligations on the Brazilian Side: Provide facilities, installations, administrative support, counterpart personnel and pay for the local operating costs.

Financing on part of the Assistance Agency:

Total:	US\$ 901,626 of which
in kind (equipment)	205,000
in personnel	538,400
in administration	32,000
overhead (UNESCO)	88,900
Special Fund direct costs	4,326
Training grants	33,000

(this total includes local operating costs paid in Cr\$ by the Government of Brazil, equivalent to US\$80,800).

Financing on Part of Brazil:

Total:	Cr\$5,487,841 (US\$1,959,943) ⁺ of which:
in cash	226,240 (80,800) ⁺⁺
in kind	1,243,000 (443,928)
in personnel	1,861,401 (664,786)
in administ.	1,489,500 (531,964)
in equipment	667,700 (238,464)

⁺ Exchange rate calculated at US\$1.00 = Cr\$2.80

⁺⁺ Local operating costs deposited at the "Banco Boa Vista S.A." UNDP account number 127,250.

Yearly disbursement schedule:a) Assistance Agency

1968	US\$ 87,986
1969	312,035
1970	247,790
1971	148,190
1972	72,190
1973	33,435

b) Brazil ⁺

1968	Cr\$ 2,651,813	(US\$947,076) ⁺⁺
1969	459,760	(164,200)
1970	502,790	(179,568)
1971	526,252	(187,947)
1972	598,021	(213,579)
1973	91,504	(32,680)

⁺ The totals for the Brazilian disbursement schedule do not check with the total financing on the Brazilian side, since the rate of exchange used was arbitrarily set at US\$1.00 = Cr\$2.80 due to lack of better information and since this rate was the one that approached closely the figures provided.

⁺⁺ These figures include the local operating costs under the responsibility of the Government of Brazil, amounting to the equivalent of US\$80,800.

Foreign Personnel Engaged in the Project:

- R. Berthelo: Project Manager, specialist in Hydrology and Hydraulic Resources; arrived in May 1968;
- P. Courdet: Technician, specialist in Ground Water, Hydrology and Hydrodynamics; arrived in Feb. 1969;
- G. Kalwass: Technician, specialist in Hydraulic Structures, arrived in March 1969;
- F. Semmelmann: Technician, specialist in Sedimentology and Geomorphology; arrived in June 1969;
- T. Jurcla: Technician, specialist in Agricultural Hydrology; arrived in March and left in April 1969;

H. Weinkauff: Technician, specialist in Agricultural Hydrology.

Brazilian Director of Project:

Otto Hanke: Professor, Institute of Hydraulic Research, Federal University of Rio Grande do Sul.

1.3 - Educational Level: Higher

Educational Area: Basic Sciences and Mechanical and Electrical Engineering

Designation of Project: Teaching of Technology (BRA 9)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: University of Brasília

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated Aug. 1966 as revised in Oct. 1967

Duration of Project: 5 years as of 1966 (preliminary studies started in 1962)

Objectives: Assist the University of Brasília in strengthening its Central Science Institutes for Mathematics, Physics and Chemistry in the teaching of these subjects and the fundamentals of Civil, Mechanical and Electrical Engineering at the University's Faculty of Technology. A survey is to be made of engineering teaching throughout Brazil in order to design model curricula for the various schools of engineering at the Faculty of Technology. The project also includes research elements. Later, the areas of Metallurgical, Mining and Chemical Engineering may be considered. The original Plan of Operations, dated August 2, 1966, was revised in Oct. 1967 in order to become more realistic in terms of financial resources, facilities and flow of students.

Obligations of the Assistance Agency: Provide a team of experts in Physics, Chemistry, Mechanical, Electronic and Telecommunications Engineering; provide specialized equipment and training grants for eight persons abroad.

Obligations on the Brazilian Side: Provide facilities, counterpart personnel, administrative support and pay for local operating costs.

Financing on Part of the Assistance Agency:

Total:	US\$ 1,463,811 of which:
in kind (equipment)	480,000
in personnel	765,193
in administration	30,218
in training grants	43,300
overhead (UNESCO)	145,100

(This total includes US\$109,100 for local operating costs paid by the Brazilian Government in Cr\$).

Financing on Part of Brazil:

Total:	NCr\$12,162,370	(US\$4,504,581) ⁺	of which
in cash	294,570	(109,100) ⁺⁺	
in kind	6,750,000	(2,500,000)	
in personnel	3,426,300	(1,269,000)	
in administration	1,691,500	(626,481)	

+ Exchange rate US\$1.00 = Cr\$2.70 as of Oct. 1967.

++ Local operating costs deposited at "Banco da Boa Vista S.A." UNDP account number 127,250.

Yearly disbursement schedule:a) Assistance Agency

1962	US\$	9,476 ⁺
1964		45,211 ⁺
1965		14,974 ⁺
1966		28,970
1967		277,020
1968		589,470
1969		379,830
1970		118,860

b) Brazil

1966	Cr\$ 750,000	(277,778)
1967	2,410,979	(892,777)
	78,030	(28,900) ⁺⁺
1968	2,485,900	(920,704)
	100,440	(37,200) ⁺⁺
1969	2,997,760	(1,110,222)
	94,770	(35,130) ⁺⁺
1970	3,223,800	(1,194,000)
	21,330	(7,900) ⁺⁺

+ Expenses incurred in preliminary studies, under UNDP/TA funds.

++ Cash deposits to cover local operating costs.

1.4 - Educational Level: Higher

Educational Area: Sanitary Engineering

Designation of Project: Sanitary Engineering (BRA 14)

Foreign Executing Agency: WHO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Superintendency of Urbanization and Sanitation (SURSAN) of the State of Guanabara

Other Brazilian Agencies Involved: School of Engineering, State University of Guanabara

Brazilian Coordinating Agency: State Government of Guanabara

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960, and Plan of Operations dated 1964

Duration of Project: 4 years as of 1965

Objectives: Assist the Institute of Sanitary Engineering, in operating as an integral part of the School of Engineering,

State University of Guanabara, offering undergraduate and graduate courses and in-service training in sanitary engineering as well as in providing technical assistance to and establishing sanitary standards for all agencies of the State of Guanabara. Similar assistance is also provided to other public and private agencies and organizations throughout Brazil through individual contracts. The project also foresees the installation of a Technical Information Center to select, translate and publish, in Portuguese, technical material in the subject.

Obligations of the Assistance Agency: Provide expert advisory services and limited equipment

Obligations of Brazil: Provide facilities, installations, counter-part personnel, administrative support and pay for the local operating costs

Financing on Part of the Assistant Agency:

Total: US\$ 502,800

(including US\$12,500 as local operating costs paid in Cr\$ by the State of Guanabara).

Financing on part of Brazil:

Total: Cr\$ equivalent to US\$1,247,870

(including US\$12,500 as local operating costs paid in Cr\$ by the State of Guanabara, deposited at the "Banco Boa Vista S.A." UNDP account number 127,250).

1.5 - Educational Level: Elementary

Educational Area: Personnel Improvement

Designation of Project: Teacher Training and Primary Education Improvement.

Foreign Executing Agency: UNICEF assisted by UNESCO

Foreign Source of Funds: UNICEF and UNESCO

Brazilian Executing Agency: National Institute for Pedagogical Studies (INEP).

Other Brazilian Agencies Involved: Elementary Teacher Improvement Program (PAMP), Technical and Didactic Text Book Commission (COLTED), Operation School and Inter-ministerial Committee.

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: MEC/UNICEF/UNESCO agreement dated Jan. 1970, as continuation of project started in 1962

Duration of Project: 4 years as of Jan. 1970

Objectives: Provide assistance to the Ministry of Education and Culture through INEP, in the training of supervisors and school administrators in the SUDAM areas (Acre, Amazonas, Pará, Maranhão, Mato Grosso, Goiás, Rondônia, Roraima and Amapá) and in the SUDENE region (Bahia and Alagoas). For the period 1970/1972, 750 elementary education supervisors, 410 normal school principals and teachers, and 200 educational technicians will be trained in 10-month courses; 950 elementary school principals and 300 elementary school members of several activities will be trained in 4-month courses. The project fore-

Yearly disbursement schedule:a) Assistance Agency

1968	US\$ 12,678 ⁺
1969	395,500
1970	351,200
1971	213,372
1972	33,850

b) Brazil

1968	Cr\$ 5,523,300	(US\$ 1,453,500) ⁺
1969	1,037,600	{ 262,813 } ⁺⁺
	113,200	{ 28,300 } ⁺⁺
1970	1,224,400	{ 306,100 } ⁺⁺
	121,600	{ 30,400 } ⁺⁺
1971	1,026,000	{ 256,500 } ⁺⁺
	80,800	{ 20,200 } ⁺⁺
1972	244,748	{ 61,187 } ⁺⁺
	10,400	{ 2,600 } ⁺⁺

⁺ While the project only started in mid 1969, the foreign expenses made in 1968 referred to preliminary studies by foreign experts; on the Brazilian side, the 1968 contribution refers to installations made available at that time.

⁺⁺ cash deposits to cover local operating costs.

1.2 - Educational Level: Higher

Educational Area: Hydrology

Designation of Project: Center for Applied Hydrology (BRA 27)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Rio Grande do Sul, Porto Alegre

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated early 1969

Duration of Project: 4 1/2 years as of 1969 (Preliminary studies began in June 1967)

Objectives: Assist in the establishment of a Center for Applied Hydrology at the Institute of Hydraulic Research of the Federal University of Rio Grande do Sul. The main function of the Center is to train specialists in applied hydrology at the graduate level and to provide sub-professional training in the collection and analysis of hydrological data and in hydrological observation. In addition the Center should complement the research program of the Institute for Hydraulic Research through pilot studies in river and coastal morphology, watershed hydrology and sedimentology, as well as flood forecasting activities in connection with the Upper Paraguay river basin project.

Obligations of the Assistance Agency: Provide a team of technicians, specialized equipment and training grants abroad.

Obligations on the Brazilian Side: Provide facilities, installations, administrative support, counterpart personnel and pay for the local operating costs.

Financing on part of the Assistance Agency:

Total:	US\$ 901,626 of which
in kind (equipment)	205,000
in personnel	538,400
in administration	32,000
overhead (UNESCO)	88,900
Special Fund direct costs	4,326
Training grants	33,000

(this total includes local operating costs paid in Cr\$ by the Government of Brazil, equivalent to US\$80,800).

Financing on Part of Brazil:

Total:	Cr\$5,487,841 (US\$1,959,943) ⁺ of which:
in cash	226,240 (80,800) ⁺⁺
in kind	1,243,000 (443,928)
in personnel	1,861,401 (664,786)
in administ.	1,489,500 (531,964)
in equipment	667,700 (238,464)

⁺ Exchange rate calculated at US\$1.00 = Cr\$2.80

⁺⁺ Local operating costs deposited at the "Banco Boa Vista S.A." UNDP account number 127,250.

Yearly disbursement schedule:a) Assistance Agency

1968	US\$ 87,986
1969	312,035
1970	247,790
1971	148,190
1972	72,190
1973	33,435

b) Brazil⁺

1968	Cr\$ 2,651,813	(US\$947,076) ⁺⁺
1969	459,760	(164,200)
1970	502,790	(179,568)
1971	526,252	(187,947)
1972	598,021	(213,579)
1973	91,504	(32,680)

⁺ The totals for the Brazilian disbursement schedule do not check with the total financing on the Brazilian side, since the rate of exchange used was arbitrarily set at US\$1.00 = Cr\$2.80 due to lack of better information and since this rate was the one that approached closely the figures provided.

⁺⁺ These figures include the local operating costs under the responsibility of the Government of Brazil, amounting to the equivalent of US\$80,800.

Foreign Personnel Engaged in the Project:

- R. Berthelo: Project Manager, specialist in Hydrology and Hydraulic Resources; arrived in May 1968;
- P. Courdet: Technician, specialist in Ground Water, Hydrology and Hydrodynamics; arrived in Feb. 1969;
- G. Kalwass: Technician, specialist in Hydraulic Structures, arrived in March 1969;
- F. Semmelmann: Technician, specialist in Sedimentology and Geomorphology; arrived in June 1969;
- T. Jurela: Technician, specialist in Agricultural Hydrology; arrived in March and left in April 1969;

H. Weinkauff: Technician, specialist in Agricultural Hydrology.

Brazilian Director of Project:

Otto Hanke: Professor, Institute of Hydraulic Research, Federal University of Rio Grande do Sul.

1.3 - Educational Level: Higher

Educational Area: Basic Sciences and Mechanical and Electrical Engineering

Designation of Project: Teaching of Technology (BRA 9)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: University of Brasília

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated Aug. 1966 as revised in Oct. 1967

Duration of Project: 5 years as of 1966 (preliminary studies started in 1962)

Objectives: Assist the University of Brasília in strengthening its Central Science Institutes for Mathematics, Physics and Chemistry in the teaching of these subjects and the fundamentals of Civil, Mechanical and Electrical Engineering at the University's Faculty of Technology. A survey is to be made of engineering teaching throughout Brazil in order to design model curricula for the various schools of engineering at the Faculty of Technology. The project also includes research elements. Later, the areas of Metallurgical, Mining and Chemical Engineering may be considered. The original Plan of Operations, dated August 2, 1966, was revised in Oct. 1967 in order to become more realistic in terms of financial resources, facilities and flow of students.

Obligations of the Assistance Agency: Provide a team of experts in Physics, Chemistry, Mechanical, Electronic and Telecommunications Engineering; provide specialized equipment and training grants for eight persons abroad.

Obligations on the Brazilian Side: Provide facilities, counterpart personnel, administrative support and pay for local operating costs.

Financing on Part of the Assistance Agency:

Total:	US\$ 1,463,811 of which:
in kind (equipment)	480,000
in personnel	765,193
in administration	30,218
in training grants	43,300
overhead (UNESCO)	145,100

(This total includes US\$109,100 for local operating costs paid by the Brazilian Government in Cr\$).

Financing on Part of Brazil:

Total:	NCr\$12,162,370	(US\$4,504,581) ⁺	of which
in cash	294,570	(109,100) ⁺⁺	
in kind	6,750,000	(2,500,000)	
in personnel	3,426,300	(1,269,000)	
in administration	1,691,500	(626,481)	

+ Exchange rate US\$1.00 = Cr\$2.70 as of Oct. 1967.

++ Local operating costs deposited at "Banco da Boa Vista S.A." UNDP account number 127,250.

Yearly disbursement schedule:a) Assistance Agency

1962	US\$	9,476 ⁺
1964		45,211 ⁺
1965		14,974 ⁺
1966		28,970
1967		277,020
1968		589,470
1969		379,830
1970		118,860

b) Brazil

1966	Cr\$	750,000	(277,778)
1967		2,410,979	(892,777)
		78,030	(28,900) ⁺⁺
1968		2,485,900	(920,704)
		100,440	(37,200) ⁺⁺
1969		2,997,760	(1,110,222)
		94,770	(35,100) ⁺⁺
1970		3,223,800	(1,194,000)
		21,330	(7,900) ⁺⁺

+ Expenses incurred in preliminary studies, under UNDP/TA funds.

++ Cash deposits to cover local operating costs.

1.4 - Educational Level: Higher

Educational Area: Sanitary Engineering

Designation of Project: Sanitary Engineering (BRA 14)

Foreign Executing Agency: WHO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Superintendency of Urbanization and Sanitation (SURSAN) of the State of Guanabara

Other Brazilian Agencies Involved: School of Engineering, State University of Guanabara

Brazilian Coordinating Agency: State Government of Guanabara

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960, and Plan of Operations dated 1964

Duration of Project: 4 years as of 1965

Objectives: Assist the Institute of Sanitary Engineering, in operating as an integral part of the School of Engineering,

State University of Guanabara, offering undergraduate and graduate courses and in-service training in sanitary engineering as well as in providing technical assistance to and establishing sanitary standards for all agencies of the State of Guanabara. Similar assistance is also provided to other public and private agencies and organizations throughout Brazil through individual contracts. The project also foresees the installation of a Technical Information Center to select, translate and publish, in Portuguese, technical material in the subject.

Obligations of the Assistance Agency: Provide expert advisory services and limited equipment

Obligations of Brazil: Provide facilities, installations, counterpart personnel, administrative support and pay for the local operating costs

Financing on Part of the Assistant Agency:

Total: US\$ 502,800

(including US\$12,500 as local operating costs paid in Cr\$ by the State of Guanabara).

Financing on part of Brazil:

Total: Cr\$ equivalent to US\$1,247,870

(including US\$12,500 as local operating costs paid in Cr\$ by the State of Guanabara, deposited at the "Banco Boa Vista S.A." UNDP account number 127,250).

1.5 - Educational Level: Elementary

Educational Area: Personnel Improvement

Designation of Project: Teacher Training and Primary Education Improvement.

Foreign Executing Agency: UNICEF assisted by UNESCO

Foreign Source of Funds: UNICEF and UNESCO

Brazilian Executing Agency: National Institute for Pedagogical Studies (INEP).

Other Brazilian Agencies Involved: Elementary Teacher Improvement Program (PAMP), Technical and Didactic Text Book Commission (COLTED), Operation School and Inter-ministerial Committee.

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: MEC/UNICEF/UNESCO agreement dated Jan. 1970, as continuation of project started in 1962

Duration of Project: 4 years as of Jan. 1970

Objectives: Provide assistance to the Ministry of Education and Culture through INEP, in the training of supervisors and school administrators in the SUDAM areas (Acre, Amazonas, Pará, Maranhão, Mato Grosso, Goiás, Rondônia, Roraima and Amapá) and in the SUDENE region (Bahia and Alagoas). For the period 1970/1972, 750 elementary education supervisors, 410 normal school principals and teachers, and 200 educational technicians will be trained in 10-month courses; 950 elementary school principals and 300 elementary school members of several activities will be trained in 4-month courses. The project fore-

sees also the installation of 5 teacher training centers and institutes of education as well as the improvement of 11 supervisory centers. Instructional materials will be distributed to some 4,050 elementary schools in those regions, all within the principles of the Brazilian Strategic Plan of Development.

Background Information: This project is the continuation of a program started in 1962. From 1963 to 1966, UNICEF approved resources totalling US\$652,200; for 1966 to mid 1969, UNICEF resources amounted to US\$1,728,200. During these periods, UNESCO participated in the program by providing the services of one or more advisers. From 1963 to 1968, within the funds above mentioned, UNICEF provided educational equipment for the installation of 13 training centers under INEP's Regional Centers for Educational Research (CRPE's) in the States of Goiás, Mato Grosso, Bahia, Paraíba, S. Paulo, Minas Gerais, Rio Grande do Sul, Paraná and Espírito Santo, and for 3 normal schools in Rio Grande do Sul conducting INEP programs; and covered the costs of 5,900 local training grants in these centers, including supervisors, planners, normal and elementary school supervisors, "normalists" and lay teachers. The PAMP teachers improvement program was revised to make it more efficient and realistic. The present project intends to extend the previous project to the Amazon region and to Alagoas while continuing it in Bahia.

Obligations of the Assistance Agencies:

- a) UNICEF - provide funds for local training grants and provide elementary school instructional materials;
- b) UNESCO - provide the assistance and advisory services of at least one expert.

Obligations of Brazil: Provide funds for new installations or improvement of existing installations; teaching and administrative personnel and local training grants.

Financing by the Assistance Agencies:

a) UNICEF:

Total:	US\$1,182,000* of which:
in kind (materials)	312,000
in training grants (local)	870,000

* - this total includes a balance of US\$115,000 of the previous project; the net new allocation thus amounts to US\$1,067,000.

b) UNESCO:

Total: (approximately)	US\$ 40,425*
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* - estimated cost for the services of one expert for approximately five years.

(Note: In the past, UNESCO has provided the services of experts, with the following costs: 1966, US\$12,800; 1967, US\$22,000; 1968, US\$14,664; 1969, US\$23,100, totalling US\$72,564).

Financing by Brazil: (dollar equivalent in Cr\$)

Total:	US\$3,157,000 of which:
in cash	1,316,000
in personnel and administration	578,000
in local training grants	1,263,000

1.6 - Educational Level: Elementary/Secondary

Educational Areas: Non academic

Designation of Project: Educational Planning

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/TA

Brazilian Executing Agency: National Institute for Pedagogical Studies (INEP).

Other Brazilian Agencies Involved : Ministry of Planning and General Coordination's Institute of Human Resources; Getúlio Vargas Foundation.

Brazilian Coordinating Agency: Ministry of Education and Culture.

Mode of Assistance: Technical Advisory Services

Instrument: Basic Agreement dated Sept. 16, 1960.

Duration of Project: 5 years as of 1966

Objectives: Assist MEC in planning educational development at the various levels and in organizing programs for educational planners and administrative staff for several States. Advise in the organization of an Institute of Human Resources at "Fundação Getúlio Vargas", in cooperation with the Ministry of Planning. Organize, at the Federal and State levels, units responsible for educational planning; reorganize educational administration at the Federal, State and Municipal levels.

Obligations of Assistance Agency: provide a team of technicians to conduct studies basic to educational planning.

Obligations of Brazil: Provide administrative support, counterpart personnel and pay for local operating costs.

Financing by Assistance Agency:

Total: (personnel) US\$371,400*

* - This amount does not include the local operating costs paid in Cr\$ by the Government of Brazil, amounting to the equivalent of US\$55,700.

Financing by Brazil:

Total: Cr\$2,887,500 for facilities, counterpart personnel, administrative support and local operating costs.

b) Pending projects (as of January 1970)

1.7 - Educational Level: Higher

Educational Area: Agriculture and Livestock

Designation of Project: Agricultural Education and Research (BRA 33)

Foreign Executing Agency: FAO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Santa Maria, Rio Grande do Sul.

Brazilian Coordinating Agency: Ministry of Education and Culture.

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations to be signed.

Duration of Project: 4 years as of date of signature of Plan of Operations.

Objectives: To assist the strengthening and full development of the Faculties of Agriculture and Veterinary Medicine of the Federal University of Santa Maria and thereby assist the University in promoting the development of agriculture and livestock in the western half of Rio Grande do Sul. The Project includes the revision of curricula in agricultural sciences and the increase of graduate agronomists and veterinarians by 50 to 60 percent in four years; the development of a research program for improved farm management and agricultural and livestock production; the establishment of experimental farms and training programs for agricultural extension personnel and teachers in vocational agricultural schools (secondary level).

Proposed Financing:

- a) From Assistance Agency: total of US\$1,729,000.
- b) From Brazil: Total of an equivalent to US\$4,871,000.

Present Stage of Project: Pending finalization of the Plan of Operations the signature of which is expected to occur early in February, 1970.

1.8 - Educational Level: Higher

Educational Area: Veterinary Medicine.

Designation of Project: Expansion and Development of the School of Veterinary Medicine, UFMG, Belo Horizonte.

Foreign Executing Agency: FAO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Minas Gerais, School of Veterinary Medicine, Belo Horizonte.

Brazilian Coordinating Agency: Ministry of Education & Culture.

Mode of Assistance: Mutual obligations project.

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations to be signed.

Duration of Project: 5 years as of signature of Plan of Operations.

Objectives: To improve graduate level teaching and research; diversify the undergraduate curriculum through the establishment of two programs, one in veterinary medicine and the other in animal husbandry; promote the complete integration of the School of Veterinary Medicine into the Federal University of Minas Gerais campus; establish and extend veterinary services to the community through an Extension Center, a Central Diagnostic Laboratory and a Rural Ambulatory Clinic.

Proposed Financing:

- a) From the Assistance Agency: total of US\$3,081,000.
- b) From Brazil: total, an equivalent of US\$7,983,910.

Present Stage of Project: The proposal was submitted on February 4, 1969 for consideration; it was later removed from the priority list at the request of the Brazilian Government; its evaluation, thus, was postponed indefinitely.

1.9 - Educational Level: Higher

Educational Area: Training of Nutritionists.

Designation of Project: Center for Nutritionists Training.

Foreign Executing Agency: FAO

Foreign Source of Funds: Dutch Committee on the World Campaign on Hunger.

Brazilian Executing Agency: Federal University of Pernambuco, Institute of Nutrition, Recife.

Brazilian Coordinating Agency: Ministry of Education and Culture.

Mode of Assistance: Mutual obligations project.

Instrument: Agreement.

Duration of Project: Not yet determined.

Objectives: To assist in the establishment of a Center for High Level Training of Nutritionists at the Institute of Nutrition, Federal University of Pernambuco.

Proposed Financing: Not yet determined; estimated to be US\$97,000 for each side, totalling US\$194,000.

Present Stage of Project: Proposal submitted to FAO was pending on finding a foreign financing agency; lately the Dutch Committee on the World Campaign on Hunger showed interest in the project. The proposal is presently under study by that Committee.

1.10 - Educational Level: Higher/Secondary.

Educational Area: Teaching of the Sciences.

Designation of Project: National Center for Research and Development of Science Teaching.

Foreign Executing Agency: UNESCO.

Foreign Source of Funds: UNDP/TA.

Brazilian Executing Agency: Brazilian Foundation for the Development of Teaching of Sciences (FUNBEC), formerly IBECC, in São Paulo.

Mode of Assistance: Technical Advisory Services.

Instrument: Basic Agreement, dated Sept. 16, 1960.

Duration of Project: Not yet determined.

Objectives: Conduct studies having in view the creation of a National Center for Research and Development of Science Teaching with the support of UNDP/SF. Such a Center would analyze materials proposed by science curricular reform groups; appraise and suggest reorganization of content of science courses; experiment and do research on new materials; design appropriate achievement tests, evaluate new methods and materials; up-grade teachers through in-service training and seminars; experiment with new media and techniques; collect and disseminate information on new science curricula; and stimulate the interest of youngsters for the sciences.

Obligations of Assistance Agency: Provide the services of a consultant to study the matter and prepare a project proposal for UNDP/SF.

Obligations of Brazil: Provide administrative support, counterpart personnel and pay for local operating costs.

Proposed Financing:

- a) from Assistance Agency: US\$11,500 for one adviser for six months;
- b) from Brazil: equivalent to US\$1,406.20 as local operating costs for the same period.

Present Stage of Project: Awaiting arrival of adviser to conduct studies (as of November 1969). The proposal for this project is the result of the recommendations made by a UNESCO mission that visited Brazil in April-May 1968.

1.11- Educational Level: SecondaryEducational Area: General and Vocational.Designation of Project: Expansion of Secondary and Vocational Education.Foreign Executing Agency: UNESCOForeign Source of Funds: IBRDBrazilian Executing Agency: Ministry of Education and CultureOther Brazilian Agencies Involved: Secretariats of Education of the States of Pará, Sergipe and Goiás and of the Federal District (Brasília), and Directorates of Secondary, Industrial and Agricultural Education, MEC.Mode of Assistance: Loan in a mutual obligations project.Instrument: AgreementDuration of Project:Objectives: Construction of 40 comprehensive secondary schools, remodeling and adapting 10 existing secondary schools, construction and/or remodeling 6 Industrial Technical (Vocational) Schools and of 8 Agricultural Technical (Vocational) Schools and construction of 2 Teacher Training Centers with post-technical specialization courses, all distributed through the States of Pará, Sergipe and Goiás and the Federal District.Proposed Financing:

- a) World Bank loan amounting to a total of US\$12,000,000.
- b) Brazilian counterpart funds amounting to a total equivalent to US\$18,000,000.

Present Stage of Project: Under study and negotiation by a special committee appointed by the Ministry of Education and by UNESCO advisers.1.12- Educational Level: SecondaryEducational Area: VocationalDesignation of Project: National Center for Vocational and Technical Education (CENAFOR).Foreign Executing Agency: ILOForeign Source of Funds: UNDP/SFBrazilian Executing Agency: Directorate of Industrial Education, Ministry of Education and Culture.Brazilian Coordinating Agency: Ministry of Education and Culture.Other Brazilian Agencies Involved: SENAI and SENAC of São Paulo.Mode of Assistance: Mutual obligations project.Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations to be signed.Duration of Project: 4 years as of signature of Plan of Operations.Objectives: To create and develop a National Center for Vocational and Technical Education (CENAFOR) aiming at the improvement and expansion of the system of schooling and training of personnel required by the technical development of Brazil.

Proposed Financing:

- a) from the Assistance Agency: total of US\$1,427,000.
- b) from Brazil: total counterpart funds equivalent to US\$4,186,000

Present Stage of Project: Awaiting UNDP approval expected to occur in Jan. 1970, when the Plan of Operations should be signed.

1.13- Educational Level: Secondary

Educational Area: Vocational-Agriculture

Designation of Project: Expansion and Rehabilitation of Technical (Vocational) Agricultural Schools.

Foreign Executing Agency: FAO/UNESCO

Foreign Source of Funds: IBRD and FAO Investment Center.

Brazilian Executing Agency: Not yet determined.

Brazilian Coordinating Agency: Ministry of Education and Culture.

Mode of Assistance: Loan and mutual obligations project.

Instrument: Agreement.

Duration of Project: Not yet determined.

Objectives: To rehabilitate and expand 8 Technical (Vocational) Agricultural Schools in the Northeast, including secondary level teaching of Home Economics.

Proposed Financing: Not yet determined.

Present Stage of Project: Initial phases of studies.

1.14- Educational Level: Non academic.

Educational Area: Personnel Improvement.

Designation of Project: Human Resources Development.

Foreign Executing Agency: Not yet determined.

Foreign Source of Funds: UNDP (TA or SF).

Brazilian Executing Agency: IPEA, through the National Center for Human Resources (CNRH).

Brazilian Coordinating Agency: Ministry of Planning and General Coordination.

Mode of Assistance: Technical advisory services.

Instrument: Basic Agreement dated Sept. 16, 1960.

Duration of project: 5 years.

Objectives: To assist CNRH in training and up-grading qualified personnel involved in human resources development; carry out studies and research to improve information and methods necessary for human resources planning activities as well as to undertake some specific research projects for an analysis of the most relevant factors in the development of human resources in Brazil. A mission of some twenty five experts would be required.

Proposed financing: Not yet determined.

Present stage of Project: Request submitted on March 11, 1969 and presently under consideration.

1.15- Educational Level: HigherEducational Area: Non academicDesignation of Project: Planning of Technical Training and Teaching.Foreign Executing Agency: UNESCOForeign Source of Funds: UNDP (TA or SF).Brazilian Executing Agency: IPEA, through the National Center for Human Resources (CNRH).Brazilian Coordinating Agency: Ministry of Planning and General Coordination.Mode of Assistance: Technical advisory services.Instrument: Basic Agreement dated Sept. 16, 1960.Duration of Project: Not yet determined.Objectives: To assist in the planning of technical training and teaching.Proposed Financing: Not yet determined.Present Stage of Project: Proposal submitted and under consideration.1.16- Educational Level: TechnicalEducational Area: Non academicDesignation of Project: Telecommunications Training CenterForeign Executing Agency: ITU (International Telecommunications Union)Foreign Source of Funds: UNDP/TABrazilian Executing Agency: CONTEL (National Commission on Telecommunications)Brazilian Coordinating Agency: Ministry of Communications.Mode of Assistance: Technical advisory servicesInstrument: Basic Agreement dated Sept. 16, 1960Duration of Project: 5 yearsObjectives: To improve and expand training of personnel at higher and middle technical level for telecommunications in Brazil.Proposed Financing:a) from Assistance Agency: US\$582,000b) from Brazil: equivalent to US\$323,000Present Stage of Project: Proposal submitted initially in Sept. 1965 and revised in May 26, 1966; presently under evaluation. Appraisal may be negative.c) Recently completed projects1.17- Educational Level: HigherEducational Area: Forestry EngineeringDesignation of Project: National Forestry School (BRA 4).Foreign Executing Agency: FAO

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Federal University of Paraná

Brazilian Coordinating Agencies: Ministry of Agriculture and Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: Basic Agreement dated Sept. 16, 1960 and Plan of Operations dated Dec. 29, 1961, modified in Jan. 25, 1967

Duration of Project: 5 1/2 years

Objectives: To assist Brazil in instituting a National Forestry School at the university level to train forestry engineers and to create a forestry research organization, composed of the Forest Research Stations in Viçosa (Minas Gerais), Santarém/Curuá (Pará) and Rio Negro (Paraná).

Obligations of Assistance Agency: Provide a team of forestry technicians combining the functions of teaching, research, and consultation for the duration of the project, as well as short term consultants for specific jobs; provide training grants abroad and furnish laboratory, research and teaching equipment.

Obligations of Brazil: Maintain the School of Forestry and the research stations; provide counterpart personnel, facilities, installations and administrative support; pay for the local operating costs.

Financing on Part of Assistance Agency:

Total:	US\$1,474,000 of which
in kind (equipment)	194,000
in personnel	1,087,400
in administration	23,000
in training grants	35,000
direct costs (Special Fund)	2,800
overhead (FAO)	131,800

(this total includes the equivalent to US\$163,100 paid in Cr\$ by the Brazilian side for local operating costs, deposited at the "Banco Boa Vista S.A." UNDP/SF account number 127,270).

Financing of Brazil:

Total	Cr\$3,516,456	(US\$1,613,053)* being:
in cash	355,558	(163,100)**
in kind (equip/sup)	440,930	(202,261)
in personnel	1,123,337	(515,292)
in administration	177,999	(54,128)
in facilities	1,478,632	(678,272)

* - Rate of exchange calculated at US\$1.00 = Cr\$2.18;

** - Local operating costs of which the Ministry of Education paid US\$139,000 and the Ministry of Agriculture US\$24,100.

Yearly disbursement schedule:

a) Assistance Agency:

1962	US\$ 81,280
1963	200,910
1964	247,824
1965	259,672
1966	380,200
1967	304,114
1968	not available
1969	not available

b) Brazil:

1962	Cr\$ 28,159	(US\$ 61,216)
	7,590	(16,500)*
1963	48,927	(66,207)
	19,473	(26,350)*
1964	105,346	(78,970)
	42,088	(31,550)*
1965	1,617,920	(887,991)
	33,525	(18,400)*
1966	670,268	(310,928)
	87,000	(40,000)*
1967	684,278	(314,466)
	65,933	(30,300)*
1968	not available	
1969	not available	

* - Local operating costs.

(Note - Rates of exchange: 1962, Lx.460; 1963, Lx.739;
1964, Lx1.334; 1965, Lx1.822; 1966, Lx2.175; 1967, Lx2.176).

Development of Project: As per the Plan of Operations dated Dec. 29, 1961, the National School of Forestry was installed in Viçosa, Minas Gerais, as part of the Rural University of Minas Gerais; it was later decided that the School should be in a Federal University (at that time Viçosa was a State entity). By Law (decree 52,828 of Nov. 14, 1963 and Law 4,946 of April 6, 1966) the School was transferred to the Federal University of Paraná, in Curitiba. The Ministry of Education, through that University, became responsible for the School of Forestry and the Research Station in Rio Negro (Paraná), while the Ministry of Agriculture transferred this Station to the University. The Forestry Research Organization, under the Ministry of Agriculture, kept the Research Stations in Viçosa and Santarem/Curuá. FAO provided assistance to the School and the Rio Negro Station as well as to the Forestry Research Organization. The project was placed under the coordination of a special committee with representatives of the Ministry of Foreign Affairs, the Director of the School of Forestry, members of the Forestry Research Organization, the Federal Forestry Council, the National Institute of Pine, the National Research Institute and FAO.

In spite of some difficulties, the project was considered successful. By March 1969, well over 100 forestry engineers had been graduated from the National Forestry School. Presently it has an output of 50 graduates per year. The School also provides advisory services to various forest industries.

The project ended in September 1969.

1.18- Educational Level: Elementary

Educational Area: Adult Literacy and Continuing Education

Designation of Project: Adult Education (BRA 68/16)

Foreign Executing Agency: UNESCO

Foreign Source of Funds: UNDP/TA

Brazilian Executing Agency: MOBRAL

Brazilian Coordinating Agency: Ministry of Education and Culture,
National Department of Education

Mode of Assistance: Technical advisory services

Instrument: Basic Agreement dated Sept. 16, 1960

Duration of Project: 12 months as of January 1969

Objectives: Provide MOBRAF advisory services in the organization and implementation of a National Functional Literacy and Continuing Adult Education Plan.

Financing:

- a) from Assistance Agency: US\$23,100 (cost for one technician during one year);
- b) from Brazil: US\$2,887.50 (local operating costs deposited at the "Banco Boa Vista S.A." UNDP account number 127,250).

Foreign Adviser: E. Field Feldschuk, engineer, arrived in Jan. 15, 1969.

1.19- Educational Level: Elementary/Secondary

Educational Area: Vocational Training for Civil Construction

Designation of Project: Manpower Training for Civil Construction

Foreign Executing Agency: ILO

Foreign Source of Funds: UNDP/TA

Brazilian Executing Agency: National Manpower Department

Brazilian Coordinating Agency: Ministry of Labor

Other Brazilian Organizations Involved: SENAI (National Industrial Apprenticeship Service).

Mode of Assistance: Technical advisory services

Instrument: Basic Agreement dated Sept. 16, 1960

Duration of Project: Six months

Objectives: Advise on the development of national and regional programs for manpower vocational training in civil construction.

Financing:

- a) from Assistance Agency: US\$10,998 (cost of technician for the period assigned);
- b) from Brazil: US\$1,375 (local operating costs deposited in Cr\$ at the "Banco Boa Vista S.A." UNDP account number 127,250).

Foreign Adviser: Jorge Galup, arrived June 9, 1968; left March 1, 1969.

1.20- Educational Level: Higher

Educational Area: Non academic

Designation of Project: Export Marketing Training (BRA 40)

Foreign Executing Agency: UNCTAD/GATT

Foreign Source of Funds: UNDP/SF

Brazilian Executing Agency: Ministry of Foreign Affairs

Mode of Assistance: Training grants

Instrument: Basic Agreement dated Sept. 16, 1960

Duration of Project: five months during 1968

Objectives: To assist the Government of Brazil in training a group of high level civil servants in modern export marketing techniques, including management and promotional aspects.

Financing:

- a) from Assistance Agency: US\$94,700 in training grants;
 b) from Brazil: US\$60,000

Development of Project: Participants attended a six-month training program, as of June 1968, organized by the International Center for Advanced Technical and Vocational Training in Turin, Italy, in association with the International Trade Center UNCTAD/GATT. The program consisted of course sessions at the Center followed by visits to several European countries. The program is to be followed by a seminar organized by the Brazilian Ministry of Foreign Affairs with the participation of the trainees and other Government officials and business executives concerned with export trade.

2 - Organization of American States Projectsa) Operational projects2.1 - Educational Level: Higher

Educational Area: Non academic

Designation of Project: Expansion of Advanced Education

Foreign Executing Agency: None

Foreign Source of Funds: IDB/Fund for Special Operations (Contract 158/SF-BR)

Brazilian Executing Agency: Special Commission MEC

Brazilian Coordinating Agency: Ministry of Education and Culture

Other Brazilian Agencies Involved: Universities

Mode of Assistance: Long term loan

Instrument: Contract dated Nov. 16, 1967

Objectives: To help finance a program to expand education in technology and in basic and agricultural sciences in the following nine universities: Federal Universities of Rio de Janeiro, Bahia, Brasilia, Minas Gerais, Viçosa, Ceará and Pernambuco; State University of São Paulo and the Pontifical Catholic University of Rio de Janeiro. The loan proceeds will be used to finance construction costs of university libraries, laboratories, classrooms and lecture halls, and the purchase of laboratory equipment and materials for training and research in technology and in the basic and agricultural sciences. Part of the loan (US\$535,000) may be used to finance technical assistance services to the Universities of Brasilia, Ceará, Pernambuco and Bahia. The total cost of the program is US\$45.4 million, of which 55% will be financed by the IDB while the remaining 45% will be financed by the Government of Brazil through the Universities.

Financing:a) From IDB

Total: US\$25,000,000 of which US\$20,000,000 in dollars and US\$5,000,000 in Cr\$, to be disbursed in yearly installments as follows:

1968	10,507,000
1969	9,873,000
1970	4,620,000

term of loan: 25 years;

yearly interest: 2 1/4 %

b) From Brazil:

Total, in Cr\$ equivalent to US\$20,400,000 to be disbursed in yearly installments as follows:

1968	8,577,000
1969	7,878,000
1970	3,945,000

Distribution of financing (IDB only):

Fed. Univ. of Rio de Janeiro	10,580,000
Univ. of Brasilia	1,605,000
Fed. Univ. of Minas Gerais	955,000
Fed. Univ. of Ceará	955,000
Fed. Univ. of Bahia	2,495,000
Fed. Univ. of Pernambuco	560,000
State Univ. of S. Paulo	6,460,000
Federal Univ. of Viçosa	955,000
Catholic Univ. of Rio de Janeiro	435,000

2.2 - Educational Level: SecondaryEducational Area: VocationalDesignation of Project: Re-equipment of Technical SchoolsForeign Executing Agency: NoneForeign Source of Funds: IDB/Fund for Special Operations (Contract 145/SF-BR)Brazilian Executing Agency: Directorate of Industrial Education, MECBrazilian Coordinating Agency: Ministry of Education and CultureMode of Assistance: Long term loanInstrument: Contract, dated May 12, 1967

Objectives: To help finance a program to improve and expand technical and industrial training through expansion and modernization of 14 Technical Schools (9 federal, 4 state and 1 private) and 2 centers for training Technical School teachers. The areas to be improved include machine and automotive mechanics, electricity, industrial chemistry, construction and road building, metallurgy, mining, ceramics, mineralogy and textiles. A part of the loan (up to US\$140,000) may be used for technical assistance.

Financing:a) from IDB

Total: US\$3,000,000 of which US\$2,000,000 in dollars and US\$1,000,000 in Cr\$ to be disbursed in yearly installments as follows:

1968	300,000
1969	1,100,000
1970	1,600,000

term of loan: 25 years

yearly interest: 2 1/4 %

b) from Brazil: (*)

Total, in Cr\$ equivalent to US\$1,650,000 to be disbursed in yearly installments as follows:

1969	800,000
1970	850,000

(*) - Estimated by IPEA/CNRH.

2.3 - Educational Level: Elementary/Secondary

Educational Area: Training in Audio-Visual Aids

Designation of Project: Audio-Visual Aids for Teachers and Students

Foreign Source of Funds: O.A.S.

Brazilian Executing Agency: National Institute for Pedagogical Studies, INEP

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual obligations project

Instrument: Agreement dated early 1969

Objectives: To conduct an Audio-Visual Training course (10 month duration) for Latin-American teachers. The course is to start on Feb. 16, 1970 and to end in Dec. 19, 1970, simultaneously with a course in School Administration (see item 2.4). Twenty teachers from several Latin-American countries, plus five from Brazil will attend the course.

Obligations from O.A.S.: Provide teaching materials and equipment plus three foreign teachers and pay for the training grants of 20 Latin-American teachers.

Obligations from Brazil: Provide teaching and administrative personnel, installations, administrative support and pay for the training grants of 5 Brazilian teachers.

Financing:

a) from O.A.S.: total US\$124,542;

b) from Brazil: total Cr\$287,000 (US\$65,080).

Foreign Teachers (arrived as of Feb. 5, 1970):

Prof. Herman Truboz
Prof. Maria Zilches

2.4 - Educational Level: Elementary/Secondary

Educational Area: Administration

Designation of Project: Training in School Administration

Foreign Source of Funds: O.A.S.

Brazilian Executing Agency: National Institute for Pedagogical Studies, INEP.

Brazilian Coordinating Agency: Ministry of Education and Culture

Mode of Assistance: Mutual Obligations Project

Instrument: Agreement dated early 1969

Objectives: To conduct a Training Course (10-month duration) on School Administration for Latin-American teachers. The course is scheduled to start on Feb. 16, 1970 and to end on Dec. 19, 1970, simultaneously with the Audio-Visual course (see item 2.3). Twenty teachers from several Latin-American countries plus 5 from Brazil will attend the course.

Obligations from O.A.S.: Provide teaching materials and three foreign teachers; in addition, pay for the training grants of 20 Latin-American teachers.

Obligations from Brazil: Provide teaching and administrative personnel, installations, administrative support and pay for the training grants of 5 Brazilian teachers.

Financing:

a) from O. A. S.: total US\$176,757;

b) from Brazil: total of Cr\$355,000 (US\$80,450).

Foreign teachers (arrived as of Feb. 5, 1970):

Prof. Arnould Spinner.

2.5 - Educational Level: Secondary

Educational Area: Textiles

Designation of Project: Training Skilled Workers for Textile Industry

Foreign Source of Funds: O. A. S.

Brazilian Executing Agency: Labor University of Minas Gerais (UTRAMIC - Universidade do Trabalho de Minas Gerais).

Brazilian Coordinating Agency: Ministry of Education and Culture through the Directorate of Industrial Education

Other Brazilian Agencies Involved: SEVAI/MG (Minas Gerais National Service for Industrial Apprenticeship) and Textile Labor Union of Minas Gerais.

Mode of Assistance: Mutual obligations project

Instrument: Agreement dated early 1969

Duration of project: 11 months

Objectives: Experimental accelerated training of supervisors for the textile industry; determine adequate measures for professional guidance; work out norms and criteria for the organization of accelerated manpower training; provide technical assistance in these fields for two other countries. The training course has 25 students, of which 14 are Brazilians and 11 from other Latin American countries. Course started on Jan. 19, 1970 and will end on Dec. 1970.

Financing:

2.6 - Educational Level: Non academic

Designation of project: Advise on School Construction

Foreign Assistance Agency: Latin-American Regional Center for School Construction - CONESCAL - under O. A. S.

Brazilian Coordinating Agency: Ministry of Education and Culture through the National Institute for Pedagogical Studies, INEP.

Mode of Assistance: Technical cooperation

Instrument: Mutual understanding

Objectives: Exchange of information and techniques regarding school construction, including eventual observation trips paid by interested governments and with no financial commitments or obligations; understanding effective as of Feb. 28, 1968 for indefinite length of time.

b) Pending projects

(approved during the 5th. Meeting of the Inter-American Cultural Council, held in Maracay, Venezuela, on Feb. 22/25, 1968; no indication of executing agencies, objectives, commitments nor financial resources).

2.7 - Educational Level: Higher

Educational Area: Training of Secondary School Teachers

Designation of Project: Inter-American School of Education

Brazilian Executing Agency (proposed): Federal University of Rio Grande do Sul.

2.8 - Educational Level: Secondary

Educational Area: Industrial Arts Teachers

Designation of Project: Training Industrial Arts Teachers for Junior High Schools ("Ginásios").

2.9 - Educational Level: Secondary

Educational Area: Manpower Training

Designation of Project: Accelerated Manpower Training Program

Mode of Assistance: Technical Advisory Services

2.10- Educational Level: Secondary

Educational Area: Ceramics

Designation of Project: Training of Specialized Ceramists.

2.11- Educational Level: Secondary

Educational Area: Hides and Leather

Project Designation: Training Technicians for the Hides and Leather Industry.

2.12- Educational Level: Elementary

Educational Area: Teaching in the First Grade

Designation of Project: Improvement of 1st. Grade Teaching.

c) Recently completed projects2.13- Educational Level: Higher

Educational Area: Basic Sciences and Technology

Designation of Project: Improvement of Higher Education Teaching Personnel.

Foreign Source of Funds: IDB/Fund for Special Operations.

Brazilian Executing Agency: National Coordination for Advanced Training of University Level Personnel, CAPES.

Brazilian Coordinating Agency: Ministry of Education and Culture and National Bank for Economic Development, BNDE.

Mode of Assistance: Long term loan (20 years).

Instrument: Contract dated 1964

Objectives: Strengthening the equipment of 73 National Centers for

Improvement and Post-Graduate Studies in Basic Sciences and Applied Technology, comprizing the areas of Physics, Biology, Agronomy and Veterinary, Chemistry, Applied Technology, Geo-Sciences, Mathematics and Bibliography. The project started in 1964 for two years; it was extended in Dec. 67 to Dec. 69 and later to June 69. Closed in Dec. 69.

Financing:

from IDB, total of US\$4,000,000 of which 379,911.42 in Cr\$ and 10,000 for IDB inspection costs, to be refunded in monthly installments as of Jan. 1, 1966 until Jan. 3, 1985.

3 - The Ford Foundation Projects

a) Operational projects

3.1 - Educational Level: Higher

Educational Area: Teacher Training

Designation of Project: Training for Junior High School ("Ginásios") Teachers.

Coordinating and Executing Agencies: Pontifical Catholic University of Rio Grande do Sul - Faculty of Philosophy.

Objectives: Development of a Regional Teacher Training Program in Rio Grande do Sul.

Date and Duration of Project: Approved in June 1967 for one year; extended in May 1968 for two years.

<u>Financing:</u>	In June 1967	US\$107,000
	In May 1968	<u>393,500</u>
	Total	US\$500,500

3.2 - Educational Level: Non academic

Educational Area: Testing

Designation of Project: Testing for University Admission

Coordinating and Executing Agency: Carlos Chagas Foundation in S. Paulo.

Objectives: Improvement of University Admission Examinations.

Date and Duration of Project: Approved in July 1966 for three years; extended in July 1969 for one year.

<u>Financing:</u>	In July 1966	US\$122,000
	In July 1969	<u>130,000</u>
	Total	US\$252,000

3.3 - Educational Level: Higher

Educational Area: Non academic

Designation of Project: Educational Testing for Secondary Schools

Coordinating and Executing Agency: Getúlio Vargas Foundation - The Institute for Professional Selection and Orientation (ISOP), Rio de Janeiro.

Objectives: Expansion of training and research activities in educational testing.

Date and Duration of Project: Approved in November 1966 for two years; extended in August 1969 for two years.

<u>Financing:</u>	in November 1966	US\$279,000
	in August 1969	<u>181,000</u>
	Total	US\$460,000

3.4 - Educational Level: HigherEducational Area: LinguisticsDesignation of Project: Training Linguistics and Language TeachersCoordinating and Executing Agencies: Yázigí Institute - Center of Applied Linguistics, Rio de JaneiroObjectives: Administration of summer institutes for professors of linguistics and language.Date and Duration of Project: Approved in June 1967 for two years.Financing: US\$46,200Remarks: Project classified as "FAP": Foundation Administered Project.3.5 - Educational Level: HigherEducational Area: LinguisticsDesignation of Project: Secondary School Language Teacher TrainingCoordinating and Executing Agencies: Federal University of Bahia.Objectives: Establishment of a regional training program for secondary school language teachers in Bahia.Date and Duration of Project: Approved in July 1967 for two years.Financing: US\$38,000.3.6 - Educational Level: HigherEducational Area: LinguisticsDesignation of Project: Secondary School Language Teacher TrainingCoordinating and Executing Agencies: Pontifical Catholic University of Rio Grande do Sul - Faculty of Philosophy.Objectives: Establishment of a regional training program for secondary school language teachers in Rio Grande do Sul.Date and Duration of Project: Approved in June 1967 for 2 years.Financing: US\$28,500.3.7 - Educational Level: HigherEducational Area: LinguisticsDesignation of Project: Graduate Study Center in Linguistics.Coordinating and Executing Agencies: Federal University of Rio de Janeiro - National Museum, Rio de Janeiro.Objectives: Establishment of a Center for graduate studies in linguistics.Date and Duration of Project: Approved in June 1967 for two years; extended in September 1969 for two years.

<u>Financing:</u>	in June 1967	US\$163,600
	in Sept. 1969	<u>245,000</u>
	Total	US\$408,600

3.8 - Educational Level: HigherEducational Area: EconomicsDesignation of Project: Research and Teaching in Economics.Coordinating and Executing Agencies: State University of São Paulo -
Institute of Economic Research, São Paulo.Objectives: Development of a graduate program in economics.Date and Duration of Project: Approved in October 1964, for five
years; extended in September 1969 for two years.

<u>Financing</u> :	in October 1964	US\$433,000
	in September 1969	<u>285,000</u>
	total	US\$718,000

3.9 - Educational Level: HigherEducational Area: Economics.Designation of Project: Improvement of Economics in the Northeast of
Brazil.Coordinating and Executing Agencies: Federal University of Ceará.Objectives: Developing the Center for the Improvement of Economics
in the Northeast and strengthening economics teaching and research
in that area.Date and Duration of Project: Approved in July 1964 for five years
and extended through July 1971.Financing: US\$330,000.3.10- Educational Level: HigherEducational Area: EconomicsDesignation of Project: Economic Research in Minas Gerais.Coordinating and Executing Agencies: Federal University of Minas
Gerais - Center for Regional Development and Planning (CEDEPLAR),
Belo Horizonte.Objectives: Strengthening research activities in regional economics.Date and Duration of Project: Approved in September 1968 for three
years.Financing: US\$185,100.3.11- Educational Level: HigherEducational Area: Political Science.Designation of Project: Department of Political Science.Coordinating and Executing Agencies: Federal University of Minas
Gerais - Department of Political Science, Belo Horizonte.Objectives: Development of graduate teaching and research in political
science.Date and Duration of Project: Approved in January 1966 for five years
and extended until June 1972.Financing: US\$657,000.

3.12- Educational Level: HigherEducational Area: Political ScienceDesignation of Project: Municipal Administration and PoliticsCoordinating and Executing Agencies: Federal University of Rio Grande do Sul - Institute of Administration, Porto Alegre.Objectives: Establishment of a research program in municipal administration and politics.Date and Duration of Project: Approved in December 1966 for two years; extended in June 1969 for two years.

<u>Financing</u> :	Dec. 1966	US\$203,000
	June 1969	<u>140,000</u>
	total	US\$343,000

3.13- Educational Level: HigherEducational Area: LawDesignation of Project: Research in Legal Education.Coordinating and Executing Agencies: State University of Guanabara - Center for Study and Research in Legal Education, CEPED.Objectives: Establishment of a research and training Center in Legal Studies.Date and Duration of Project: Approved in July 1966 for five years.Financing: US\$485,000.3.14- Educational Level: HigherEducational Area: Social SciencesDesignation of Project: Training and Research in Social Sciences.Coordinating and Executing Agencies: Brazilian Society for Instruction - University Institute of Research.Objectives: Development of a social science research and training program.Date and Duration of Project: Approved in July 1967 for two years; extended in April 1969 for two years.

<u>Financing</u> :	July 1967	US\$137,000
	April 1969	<u>215,000</u>
	Total	US\$352,000

3.15- Educational Level: HigherEducational Area: Rural Social SciencesDesignation of Project: Training and Research in Rural Social Sciences.Coordinating and Executing Agencies: State University of São Paulo - School of Agronomy "Luiz de Queiroz", Piracicaba, São Paulo.Objectives: Development of graduate studies and research in Rural Social Sciences.Date and Duration of Project: Approved in September 1969 for three years.Financing: US\$213,000.

3.16- Educational Level: HigherEducational Area: Rural Social SciencesDesignation of Project: Training and Research of Rural Social Sciences.Coordinating and Executing Agencies: Federal University of Rio Grande do Sul.Objectives: Strengthening of graduate studies and research on the rural social sciences.Date and Duration of Project: Approved in October 1969 for two years.Financing: US\$108,000.3.17- Educational Level: HigherEducational Area: AdministrationDesignation of Project: Research and Instructional Materials in Public Administration.Coordinating and Executing Agencies: Getúlio Vargas Foundation - Brazilian School of Public Administration (EBAP), Rio de JaneiroObjectives: Development of research and teaching materials in Public Administration.Date and Duration of Project: Approved in February 1964 for five years.Financing: US\$168,000.3.18- Educational Level: HigherEducational Area: Business AdministrationDesignation of Project: Expansion of Business Administration Teaching.Coordinating and Executing Agencies: Getúlio Vargas Foundation - School of Business Administration, São Paulo.Objectives: Expansion of a teaching and research program.Date and Duration of Project: Approved in October 1964 for five years and extended until December 1970.Financing: US\$500,000.3.19- Educational Level: HigherEducational Area: Development Bank AdministrationDesignation of Project: Management Training and Operation Research Applied to Development Banking.Coordinating and Executing Agencies: National Economic Development Bank, BNDE, Rio de Janeiro.Objectives: Establishment in collaboration with the Massachusetts Institute of Technology of a program in management training and research in operations, as applied to development banks.Date and Duration of Project: Approved in January 1967 for two years; extended in October 1969 for 18 months.

<u>Financing</u> :	January 1967	US\$336,000
	October 1969	<u>119,000</u>
	total	US\$455,000

3.20- Educational Level: HigherEducational Area: Social Anthropology.Designation of Project: Teaching and Research in Social Anthropology.Coordinating and Executing Agencies: Federal University of Rio de Janeiro - National Museum, Department of Anthropology.Objectives: Development of a graduate teaching and research program in Social Anthropology.Date and Duration of Project: Approved in May 1968 for two years.Financing: US\$229,000.3.21- Educational Level: HigherEducational Area: Basic SciencesDesignation of Project: Training and Research in the Basic Sciences.Coordinating and Executing Agencies: Federal University of Rio de Janeiro.Objectives: Strengthening graduate training and research programs in the basic sciences.Date and Duration of Project: Approved in December 1968 for two years.Financing: US\$231,000.3.22- Educational Level: HigherEducational Area: ChemistryDesignation of Project: Research and Teaching in Chemistry.Coordinating and Executing Agency: State University of São PauloObjectives: Strengthening of research and teaching activities in Chemistry.Date and Duration of Project: Approved in Dec. 1961 for four years and extended to February 1970.

<u>Financing</u> :	original	US\$490,000
	supplement	24,000 (in Oct. 1969)
	total	US\$514,000

3.23- Educational Level: HigherEducational Area: BiologyDesignation of Project: Research in Reproductive BiologyCoordinating and Executing Agencies: Federal University of Rio de Janeiro. - Department of Gynecology and Obstetrics.Objectives: Development of a research program in reproductive biology.Date and Duration of Project: Approved in July 1967 for two years.Financing: US\$122,000.3.24- Educational Level: HigherEducational Area: BiologyDesignation of Project: Research in Reproductive Biology and Fertility Control.

Coordinating and Executing Agencies: Federal University of Bahia.

Objectives: Expansion of research programs in reproductive biology and fertility control.

Date and Duration of Program: Approved in February 1966 for five years.

Financing: US\$476,500.

3.25- Educational Level: Higher

Educational Area: Oceanography

Designation of Project: Research and Training in Oceanography

Coordinating and Executing Agency: State University of São Paulo - Oceanographic Institute, São Paulo.

Objectives: Strengthening of research and graduate training activities in Oceanography.

Date and Duration of Project: Approved in July 1963 for five years.

Financing: US\$547,500.

3.26- Educational Level: Higher

Educational Area: Basic Sciences

Designation of Project: Training of University Professors.

Coordinating and Executing Agency: Ministry of Education and Culture - National Coordination for Advanced Training of University Level Personnel, CAPES, Rio de Janeiro.

Objectives: Expansion of the scholarship program in the Basic Sciences and introduction of intensive refresher courses for University Professors.

Date and Duration of Project: Approved in September 1963 for four years and extended through December 1970.

<u>Financing:</u> original	US\$1,130,000
reduced by	<u>309,500</u>
total	US\$ 820,500

3.27- Educational Level: Higher

Educational Area: Agriculture

Designation of Project: Rural University Development

Coordinating and Executing Agencies: Federal University of Viçosa, Minas Gerais.

Objectives: Expansion of University and development of research and extension programs.

Date and Duration of Project: Approved in October 1964 for five years.

Financing: US\$995,000

3.28- Educational Level: Higher

Educational Area: Agricultural Economics

Designation of Project: Training and Research in Agricultural Economics in the Northeast.

Coordinating and Executing Agencies: Federal University of Ceará.

Objectives: Development of graduate training and research in agricultural economics in the Northeast of Brazil.

Date and Duration of Project: Approved in September 1969 for one year.

Financing: US\$71,000.

3.29- Educational Level: Higher

Educational Area: Agricultural Economics

Designation of Project: Graduate Program in Agricultural Economics

Coordinating and Executing Agencies: Federal University of Viçosa, Minas Gerais - Institute of Rural Economics, Viçosa, Minas Gerais.

Objectives: Strengthening of graduate program in agricultural economics.

Date and Duration of Project: Approved in May 1968 for three years.

Financing: US\$230,000.

3.30- Educational Level: Higher

Educational Area: Teacher Training for Agricultural Education.

Designation of Project: Training Secondary School Teachers in Agriculture.

Coordinating and Executing Agencies: Federal University of Paraná, Curitiba.

Objectives: Establishment of comprehensive program for training secondary school teachers for vocational agriculture.

Date and Duration of Project: Approved in April 1966 for five years.

<u>Financing:</u> Original	US\$1,100,000
reduced in Sept. 1969 by	669,480
total	US\$ 430,520

3.31- Educational Level: Secondary

Educational Area: Basic Sciences

Designation of Project: Center for Science Teaching in the Northeast - CEQINE.

Coordinating and Executing Agencies: Federal University of Pernambuco, Recife.

Objectives: Establishment of a center to improve secondary science teaching in the Northeast of Brazil.

Date and Duration of Project: Approved in September 1964 for four years.

Financing: US\$150,000.

3.32- Educational Level: Secondary

Educational Area: Science Teaching

Designation of Project: Research and Teaching in Sciences

Coordinating and Executing Agencies: Brazilian Foundation for the Development of Science Teaching (FUMBEC), São Paulo

Objectives: Establishment of a science leadership training program and preparation of secondary science teachers' guides.

Date and Duration of Project: Approved in January 1967 for three years.

Financing: US\$86,000.

3.58- Educational Level: ElementaryEducational Area: Education for Favela ChildrenDesignation of Project: Pilot Project for the Improvement of Primary Education for Favela ChildrenExecuting Agency: Secretariat of Education and Culture, State of GuanabaraFinancing: US\$225,000Date and Duration of Project: Approved in April 1962 for three years. Completed.3.59- Educational Level: ElementaryEducational Field: Slum Children EducationDesignation of Project: Visit of Brazilians Associated with Pilot Project in Favela Education to Educational Centers in Slum Areas of the United States.Executing Agency: Institute of International EducationFinancing: US\$15,000Date and Duration of Project: Approved in January 1963 for six weeks. Completed.4 - The Rockefeller Foundation Projects4.1 - Educational Level: HigherEducational Area: MedicineDesignation of Project: Research in the Faculty of Medicine.Benefitted Entity: Faculty of Medicine, Federal University of Minas Gerais.Grant: US\$3,353.4.2 - Educational Level: HigherEducational Area: MedicineDesignation of Project: Equipment for the Department of Clinical Medicine.Benefitted Entity: Faculty of Medicine, State University of São Paulo.Grant: US\$5,423.4.3 - Educational Level: HigherEducational Area: PhysiologyDesignation of Project: Support for the Department of PhysiologyBenefitted Entity: State University of São PauloGrant: US\$1,331.4.4 - Educational Level: HigherEducational Area: GeneticsDesignation of Project: Equipment for the Department of Genetics.Benefitted Entity: State University of São PauloGrant: US\$5,423.

- 4.5 - Educational Level: Higher
Educational Area: Genetics
Designation of Project: Research in the Laboratory of Animal Genetics.
Benefitted Entity: State University of São Paulo
Grant: US\$11,725.
- 4.6 - Educational Level: Higher
Educational Area: Genetics
Designation of Project: Research in the Laboratory of Human Genetics
Benefitted Entity: State University of São Paulo.
Grant: US\$6,000.
- 4.7 - Educational Level: Higher
Educational Area: Genetics
Designation of Project: Research in the Laboratory of Human Genetics
and Travel for one Geneticist to Tokyo.
Benefitted Entity: Federal University of Paraná.
Grants: (1) Research: US\$2,741
(2) Travel: US\$1,775
Total: US\$4,516
- 4.8 - Educational Level: Higher
Educational Area: Genetics
Designation of Projects: (1) Research in the Laboratory of Animal
Genetics; (2) Research in the Laboratory of Human Genetics;
(3) Support for the Laboratory of Molecular Genetics.
Benefitted Entity: Federal University of Rio Grande do Sul
Grants: (1) Research Animal Genetics: US\$1,828
(2) Research Human Genetics 1,949
(3) Lab. Molecular Genetics 3,300
Total US\$7,077
- 4.9 - Educational Level: Higher
Educational Area: Genetics
Designation of Project: Support for the Laboratory of Human Genetics
Benefitted Entity: Federal University of Bahia
Grant: US\$4,235.
- 4.10- Educational Level: Higher
Educational Area: Agriculture
Designation of Project: Agricultural Research
Benefitted Entity: School of Agriculture of Piracicaba, State Univer-
sity of São Paulo.
Grant: US\$19,932.

- 4.11- Educational Level: Higher
Educational Area: Agriculture
Designation of Project: Contribution to Fellowship Operations.
Benefitted Entity: Federal University of Viçosa.
Grant: US\$1,500.
- 4.12- Educational Level: Higher
Educational Area: Agriculture - Non academic
Designation of Project: Purchase of Library Materials.
Benefitted Entity: Federal University of Viçosa (Rural University of Minas Gerais).
Grant: US\$3,732.
- 4.13- Educational Level: Higher
Educational Area: General
Designation of Project: General University Development
Benefitted Entity: Federal University of Minas Gerais
Grant: US\$28,769.
- 4.14- Educational Level: Higher
Educational Area: Not specified
Designation of Project: Visiting Faculty
Benefitted Entity: Federal University of Minas Gerais
Grant: US\$1,036.
- 4.15- Educational Level: Higher
Educational Area: Not specified
Designation of Project: Fellowships, Scholarships and Travel Grants to unspecified number of individuals in several fields.
Benefitted Entities: Several universities not specified
Grant: US\$123,233.
- 5 - Federal Republic of Germany Assistance
a) Operational Projects
- 5.1 - Educational Level: Higher
Educational Area: Agricultural Education
Summary of Project: Provide one technician during two years as of May 1968 to teach and direct a model farm.
Benefitted Entity: Colégio Agrícola Visconde da Graça, in Pelotas, Rio Grande do Sul.
Remark: 10th sub-agreement.
- 5.2 - Educational Level: Higher
Educational Area: Development of Animal Production.

Summary of Project: Provide a team of teachers to teach in this field during four years, as of December 1967.

Benefitted Entity: School of Veterinary, Federal University of Rio Grande do Sul.

Remark: 7th sub-agreement

5.3 - Educational Level: Higher

Educational Area: Veterinary Medicine

Summary of Project: Help the development of teaching Veterinary Medicine and arrange for scientific interchange through the exchange of teaching and research personnel, from October 1966 through December 1970.

Benefitted Entity: School of Veterinary Medicine, Federal University of Rio Grande do Sul.

Remark: To be conducted by the "Tierartzliche Hochschule" (Animal Arts High School) of Hannover.

5.4 - Educational Level: Secondary

Educational Area: Vocational-Industrial

Summary of Project: Supplying teaching equipment and materials

Benefitted Entity: Industrial School, Federal University of Santa Maria, Rio Grande do Sul.

Remark: Date of agreement, September 1968.

5.5 - Educational Level: Secondary

Educational Area: Vocational, Industrial

Summary of Project: Help train specialized manpower through the supplying of equipment and by providing a teaching team of six members during six years (two engineers and four technical assistants), as of April 1962.

Benefitted Entity: Escola Técnica de S. Bernardo do Campo, São Paulo.

Remark: 1st sub-agreement, renewed in 1969.

5.6 - Educational Level: Secondary

Educational Area: Vocational

Summary of Project: Training specialized manpower in machines and motors through one Technical Director during four years as of Feb. 1967.

Benefitted Entity: Escola Técnica Tupy, Joinville, Sta. Catarina.

Remark: 8th sub-agreement.

b) Pending Projects

5.7 - Educational Level: Higher

Educational Area: Virology

Summary of Project: Install a modern Virology Laboratory as of September 1968 and provide for a Director for the Laboratory as of March 1969.

Benefitted Entity: Institute of Microbiology and Immunology, Federal University of Santa Maria, Rio Grande do Sul.

Remark: 13th sub-agreement, as an extension of 6th sub-agreement.

5.8 - Educational Level: HigherEducational Area: ChemistrySummary of Project: Furnishing equipmentBenefitted Entity: Institute of Chemistry, Federal University of Santa Maria, Rio Grande do Sul.c) Completed Project5.9 - Educational Level: HigherEducational Area: Tropical MedicineSummary of Project: To provide seven specialists in Tropical Medicine during three years as of 1964 and to furnish medical instruments and laboratory equipment; to provide one specialist in the subject for four months as of December 1967.Benefitted Entity: Institute of Tropical Medicine, Federal University of Pernambuco, Recife.Remark: 3rd sub-agreement, ammended by the 5th sub-agreement.6 - Great-Britain Assistancea) Operational projects6.1 - Educational Level: SecondaryEducational Area: VocationalSummary of Assistance: One teaching technician during three years as of May 1968.Benefitted Entity: Technical School ("Colégio Técnico"). Federal University of Minas Gerais.6.2 - Educational Level: SecondaryEducational Area: Medical TechnologySummary of Assistance: Provision of one teacher in medical technology during 1 1/2 year, as of July 1968.Benefitted Agency: Technical School ("Colégio Técnico"), Federal University of Minas Gerais.6.3 - Educational Level: SecondaryEducational Area: Sciences and TechnologySummary of Assistance: Provision of one teacher in Sciences and Technology during two years as of October 1968.Benefitted Entity: Technical School ("Colégio Técnico"), Federal University of Minas Gerais.

b) Recently completed projects

6.4 - Educational Level: HigherEducational Area: English Language and LiteratureSummary of Assistance: Provision of one teacher of English Language during five years as of February 1963.Benefitted Entity: Department of English, Institute of Languages, Federal University of Brasilia.

6.5 - Educational Level: HigherEducational Area: English Language and LiteratureSummary of Assistance: Provision of one professor of English Language and Literature during three years as of August 1965.Benefitted Entity: Federal University of Rio Grande do Sul.6.6 - Educational Level: HigherEducational Area: English Language and LiteratureSummary of Assistance: Provision of one professor of English Language and Literature during 3 years, as of Sept. 1965Benefitted Entity: Federal University of Ceará, Faculty of Philosophy.6.7 - Educational Level: HigherEducational Area: Chemical EngineeringSummary of Assistance: One professor of Chemical Engineering during one year as of February 1966Benefitted Entity: Federal University of Rio de Janeiro.6.8 - Educational Level: HigherEducational Area: Soil AnalysisSummary of Assistance: Provision of one teaching chemist to set up and supervise laboratories and teach soil and natural resources analysis during three years as of November 1963.Benefitted Entities: Federal Universities of Viçosa (Minas Gerais) and Brasília.

From 1966 to 1969, there have been 119 visiting professors and experts in several fields, not specified, to teach and/or assist in several unspecified fields of activities.

7 - Switzerland Assistance7.1 - Educational Level: Non academicEducational Field: AgricultureSummary of Assistance: Provision of a team of three technicians during three years as of May 1968, to teach and supervise use of agricultural equipment at the Capibaribe Valley, Pernambuco, in the Northeast.Benefitted Agency: CAPSE/SUDENE.8 - Japan Assistance8.1 - Educational Level: TechnicalEducational Area: TextilesSummary of Assistance: Providing the installation of a textile training center in Recife, Pernambuco, plus a 5-member training mission, during three years as of March 1962, extended until 1970.Benefitted Entity: Technical Training Center for the Textile Industry of Pernambuco, Recife.

9 - Lower Countries Assistance

Completed projects

9.1 - Educational Level: Non academic

Educational Area: Community Development

Summary of Assistance: Provision of one Sociologist during four years, as of January 1962, to conduct research and teach on Community Development in the Northeast.

Benefitted Agency: SUDENE.

9.2 - Educational Level: Higher

Educational Area: Hydrodynamics and Soil Mechanics

Summary of Assistance: Provision of two teachers, one in Hydrodynamics and Naval Engineering, and one in Soil Mechanics, during one year and a half as of February 1967.

Benefitted Entity: Federal University of Rio de Janeiro.

Program Status

O = Operational (—) Data not available
 C = Completed — Data not determined
 P = Pending — yet or not existant

DRAZILIAN ENTITIES RECEIVING EXTERNAL ASSISTANCE

ANNEX II

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT Value (US\$)	Terms	REF. NUMBER ANNEX I	REMARKS
<u>MINISTRY OF EDUCATION AND CULTURE</u>							
1. a) General Secretariat	Expansion of Secondary and Vocational Education - School const.	P	IDRD/UNESCO	12,000,000	Loan	1.11	Involves the states of Pará, Sergipe, Goiás and the Federal District
2. b) Special Commission	Expansion of Advanced Educ.	O	IDL	25,000,000	Loan	2.1	Involves nine Univ.as shown later.
3. c) National Institute for Pedagogical Studies - INEP	Educational Planning	O	UNESCO/UNDP	371,400	Grant	1.6	With Min.Planning and Getulio Vargas Foundation
4.	Audio-Visual Training	O	OAS	124,542	Grant	2.3	Latin American Course
5.	School Adm. Training	O	OAS	176,757	Grant	2.4	Latin American Course
6.	Teacher Training Elem.Educ. Improv.	O	UNICEF/ UNESCO	1,182,000 40,425	Grant Grant	1.5	
7.	Advisory Services on School Construction	O	OAS	—	—	2.6	CONESCAL-No expenditures
8. d) MOLRAL-Adult Ed.Movement	Advisory Services on Adult	C	UNESCO/UNDP	23,100	Grant	1.18	
e) Directorate of Ind. Educ.							
9.	Training skilled workers for textile industry	O	OAS	(—)	Grant	2.5	Latin American Course
10.	Re-equipment of technical schools	O	IDL	3,000,000	Loan	2.2	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE (US\$)	INPUT TERMS	REF. NUMBER ANNEX I	REMARKS
11.	Establishment of a National Center for Vocational and Technical Education	P	ILO/UNDP	1,427,000	Grant	1.12	CENAFOR
12.	Accelerated Manpower Training Programs	P	OAS	(—)	(—)	2.9	Advisory services
13.	Technical School Celso Suckow da Fonseca	O	Ford Found.	874,000	Grant	3.34	
14.	Technical School of S. Bernardo - S.P.	O	W.Germany	(—)	(—)	5.5	
15.	f) Nat'l Coordination for Advanced Training of Univ. Level Personnel - CAPES	O	Ford Found.	820,500	Grant	3.26	
16.	Strengthening Nat'l Centers for Improvement and post-graduate studies in Basic Sciences	C	IDB	4,000,000	Loan	2.13	Involves ENDE
17.	g) Not specified MEC offices	P	OAS	(—)	(—)	2.7	
18.	Improve First Grade Teaching	P	OAS	(—)	(—)	2.12	
19.	Training Ind. Arts Teachers	P	OAS	(—)	(—)	2.8	
20.	Training skilled ceramists	P	OAS	(—)	(—)	2.10	
21.	Training technicians for the Hides and Leather Industry	P	OAS	(—)	(—)	2.11	
22.	Expansion of Agric. Vocational Schools	P	FAO/UNESCO	—	—	1.13	Involves loan from World Bank

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PRO- VIDING ASSIS- TANCE	EXTERNAL INPUT VALUE (US\$)	INPUT TERMS	REF. NUMBER ANNEX I	REMARKS
<u>MINISTRY OF INTERIOR</u>							
23.	Superintendency for the Development of the NE-SUDENE Training abroad technical personnel of the S.Francisco Basin Development	O	Ford Foundation	140,000	Grant	3.35	
24.	Train. use of agricultural equipment in Pernambuco	O	Switzerland	(—)	(—)	7.1	
25.	Community Development Research and training	C	Lower countries	(—)	(—)	9.1	
26.	Training Textile Specialized workers	O	Japan	(—)	(—)	8.1	
<u>MINISTRY OF PLANNING</u>							
27.	National Center for Human Resources Training and upgrading technical person- nel	P	UNDP	—	—	1.14	
28.	Planning Technical Training	P	UNESCO/UNDP	—	—	1.15	
29.	Center for Training and Research in Economic Development—CENDEC Research and Training in Economic Plan- ning	C	Ford Found.	270,000	Grant	3.38	
<u>MINISTRY OF FOREIGN AFFAIRS</u>							
30.	Export Marketing Training	C	UNCTAD/UNDP	94,700	Grant	1.20	
<u>MINISTRY OF LABOR</u>							
31.	Nat'l Manpower Department Manpower training for civil construction	C	ILO	10,998	Grant	1.19	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT VALUE (US\$)	TERMS	REF. NUMBER ANNEX I	REMARKS
<u>MINISTRY OF COMMUNICATIONS</u>							
32. National Telecommunications Commission - CONTEL	Establish a Telecommunications Training Center	P	ITU/UNDP	582,000	Grant	1.16	
<u>MINISTRY OF AERONAUTICS</u>							
33. Aeronautical Institute of Technology-ITA	Improvement of undergraduate training and research	C	Ford Found.	159,586	Grant	3.51	Commodities
<u>GETULIO VARGAS FOUNDATION</u>							
34. Institute for Vocational Selection and Guidance ISOP	Educational Testing for Secondary Schools	O	Ford Found.	460,000	Grant	3.3	
35. Brazilian Institute of Economics - IBRE	Research in Development Economics	C	Ford Found.	500,000	Grant	3.36	
36. School of Administration	Teaching materials for Public Administration	O	Ford Found.	168,000	Grant	3.17	
37.	Research and teaching on local and state administration	C	Ford Found.	132,000	Grant	3.40	
38. S.Paulo School of Business Administration	Expansion of Business Adm. Teaching	O	Ford Found.	500,000	Grant	3.18	
39.	Books & Teaching materials on Business Administration	C	Ford Found.	105,000	Grant	3.39	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT VALUE (US\$)	TERMS	REF. NUMBER ANNEX I	REMARKS
<u>BRAZILIAN FOUNDATION FOR THE DEVELOPMENT OF SCIENCE TEACHING</u>							
<u>FUNLEC</u>	Establishment of a National Center for Research and Development of Science Teaching	P	UNESCO/UNDP	11,500	Grant	1.10	Advisory services
40.							
41.	Science Leadership Training and Pre- paration of Science Teacher's Guides	O	Ford Found.	86,000	Grant	3.32	
42.	Development of Science Teaching Materials	O	Ford Found.	194,000	Grant	3.33	
43.	Improvement of secondary Science Teaching	O	Ford Found.	170,000	Grant	3.55	
<u>CARLOS CHAGAS FOUNDATION</u>							
44.	Testing for University Admission	O	Ford Found.	252,000	Grant	3.2	
<u>NATIONAL ECONOMIC DEVELOPMENT BANK</u>							
45.	Management training and operation research applied to development banking	O	Ford Found.	455,000	Grant	3.19	
<u>BRAZILIAN SOCIETY FOR INSTRUCTION</u>							
46.	Social Sciences Research & Training	O	Ford Found.	352,000	Grant	3.14	
<u>NATIONAL RESEARCH COUNCIL (CNPq)</u>							
47.	Fellowships & research in Basic Sciences	O	Ford Found.	252,761	Grant	3.49	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		REF. NUMBER ANNEX I	REMARKS
				VALUE (US\$)	TERMS		
<u>BRAZILIAN CENTER FOR RESEARCH IN PHYSICS</u>							
48.	Replacement of specialized library	C	Ford Found.	100,000	Grant	3.44	
<u>BRAZILIAN ACADEMY OF SCIENCES</u>							
49.	Research symposia and Expansion of publication activities	C	Ford Found.	84,400	Grant	3.50	
<u>TUPY TECHNICAL SCHOOL-JOINVILLE</u>							
50.	Training manpower in mechanics and motors	O	W. Germany	(---)	(---)	5.6	
<u>AGRICULTURAL SCHOOL VISCONDE DA GRAÇA PELOTAS</u>							
51.	Teaching and administering model-farm	O	W. Germany	(---)	(---)	5.1	
<u>AMERICAN SCHOOL OF RIO DE JANEIRO</u>							
52.	Planning expansion of school	C	Ford Found.	162.500	Grant	3.57	
<u>YÁZIGI INSTITUTE</u>							
53.	Training professors in Linguistics and Language	C	Ford Found.	46.200	Grant	3.4	
<u>STATE OF GUANABARA-SECRETARIAT OF EDUCATION</u>							
54.	Improvement of Primary Education for Favela Children	C	Ford Found.	225.000	Grant	3.58	
55.	Visit of Brazilians linked to above project to slum areas in the U.S.	C	Ford Found.	15.000	Grant	3.59	Paid to the Institute of Int'l Education

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PRO- VIDING ASSIS- TANCE	EXTERNAL INPUT		REF. NUMBER ANNEX I	REMARKS
				Value (US\$)	Terms		
<u>FEDERAL UNIVERSITY OF CEARÁ</u>							
56.	Improvement of teaching and research in Economics in the Northeast	O	Ford Found.	330,000	Grant	3.9	Through the Center for Improvement of Economists in the NE-CAEN
57.	Teaching and research programs in Mathematics	C	Ford Found.	140,000	Grant	3.48	Through the Institute of Mathematics
58.	Development of graduate Training and Research in Agricultural Economics in the NE	O	Ford Found.	71,000	Grant	3.28	
59.	Establishment of Program on Small Industry Development	C	Ford Found.	214,640	Grant	3.52	
60.	Teaching of English language and Literature	C	Great Britain	(—)	Grant	6.6	
61.	Expansion of University	O	IDB	955,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education
62.	<u>FEDERAL UNIVERSITY OF PERNAMBUCO</u> Strengthening of the Center to Improve Secondary Science Teaching in the NE	O	Ford Found.	150,000	Grant	3.31	CECINE - Science Center of the Northeast
63.	Expansion of University	O	IDB	560,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education
64.	High level Training for Nutritionists	P	FAO	97,000	Grant	1.9	Will be financed by the Dutch Committee on the World War on Hunger Campaign
65.	Tropical Medicine Institute	C	Fed. Rep. of Germany	(—)	Grant	5.9	Furnishing of medical instruments, laboratory equipment and one specialist

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				Value (US\$)	Terms		
66. <u>FEDERAL UNIVERSITY OF BAHIA</u>	Support for the Laboratory of Human Genetics	(—)	Rockefeller Foundation	4,235	Grant	4.9	
67.	Training Program for Language Teaching in Secondary Schools	0	Ford Found.	38,000	Grant	3.5	Regional Program for the Northeast
68.	Research in Reproductive Biology and Fertility Control	0	Ford Found.	476,500	Grant	3.24	
69.	Expansion of University	0	IDB	2,495,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Educ.
70.	Strengthening of Basic Sciences teaching and research	0	UNESCO	1,066,600	Grant	1.1	
71. <u>FEDERAL UNIV. OF VICOSA</u>	Development of Research and Extension Programs	0	Ford Found.	995,000	Grant	3.27	
72.	Graduate Program in Agriculture Econ.	0	Ford Found.	230,000	Grant	3.29	
73.	Teaching and Research in Agric.Econ.	0	Ford Found.	120,000	Grant	3.53	
74.	Expansion of University	0	IDB	955,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education.
75.	Purchase of Library materials	(—)	Rockefeller Found.	3,732	Grant	4.12	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				Value (US\$)	Terms		
76.	Contribution toward fellowship operations	(---)	Rockefeller Found.	1,500	Grant	4.11	
77.	Funds for research facilities and activities for senior professors	C	Ford Found.	75,000	Grant	3.54	
78.	Soil and Natural Resources Analysis	(---)	Great Britain	(---)	Grant	6.8	Provision of one teaching chemist during 3 years
79. <u>FEDERAL UNIVERSITY OF MINAS GERAIS</u>	Expansion and Development of the School of Veterinary Medicine	P	FAO	3,081,000	Grant	1.8	
80.	Research in School of Medicine	(---)	Rockefeller Foundation	3,353	Grant	4.1	
81.	Development of Graduate Teaching and Research in Political Science	0	FAO	657,000	Grant	3.11	
82.	Research in Regional Economics	0	Ford Found.	185,100	Grant	3.10	Through the Center for Regional Dev. & Planning CEDEPLAR
83.	Expansion of University	0	IDB	955,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education
84.	General University Development	(---)	Rockefeller Foundation	28,769	Grant	4.13	
85.	Visiting Faculty	(---)	Rockefeller F.	1,036	Grant	4.14	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				Value (US\$)	Terms		
86.	Teaching technician	0	Great Britain	(—)	Grant	6.1	For the "Colégio Técnico"—Secondary Vocational School
87.	Medical technology	0	Great Britain	(—)	Grant	6.2	One laboratory teacher for School mentioned above
88.	Science and technology	0	Great Britain	(—)	Grant	6.3	One teacher for same school mentioned above
89. <u>STATE UNIVERSITY OF GUANABARA</u>	Sanitary Engineering	0	WHO/UNDP	502,800	Grant	1.4	
90.	Research and Training in Legal Studies	0	Ford Found.	485,000	Grant	3.13	
91. <u>FEDERAL UNIVERSITY OF RIO DE JANEIRO</u>	Expansion of University	0	IDB	10,580,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Educ.
92.	Graduate Training and Research in Basic Sciences	0	Ford Found.	231,000	Grant	3.21	
93.	Research in Reproductive Bio- logy	0	Ford Found.	122,000	Grant	3.23	
94.	Graduate Training and Research in Social Anthropology	0	Ford Found.	229,000	Grant	3.20	
95.	Graduate Study of Linguistics	0	Ford Found.	408,600	Grant	3.7	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				Value (US\$)	Terms		
96.	Chemical Engineering	(—)	Great Britain	(—)	Grant	6.7	
97.	Hydrodynamics, Naval Engineering & Soil Mechanics	(—)	Lower Countries	(—)	Grant	9.2	Provision of two professors for 20 months.
98.	Curriculum development and establishment of a 3-year program for training ginasio teachers	C	Ford Found.	54,054	Grant	3.56	Faculty of Philosophy
99.	Establishing a committee for graduate training in Science and Mathematics	C	Ford Found.	15,000	Grant	3.46	
100.	Development of graduate teaching and research program in the Basic Sciences & Mathematics	C	Ford Found.	640,867	Grant	3.47	Through above Committee
101.	<u>PONTIFICAL CATHOLIC UNIV. OF RIO DE JANEIRO</u> Support to research and teaching in Physics	C	Ford Found.	190,000	Grant	3.45	Through the Dept. of Physics
102.	University Expansion	C	IDB	435,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Educ.

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PRCG.	AGENCY PROV. ASSISTANCE	EXTERNAL VALUE (US\$)	INPUT TERMS	ANNEX I REF. NO.	REMARKS
103. <u>UNIVERSITY OF BRASÍLIA</u>	Expansion of University	0	IDB	1,605,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education
104.	Development of the teaching of technology	0	UNESCO/ UNDP	1,463,811	Grant	1.3	
105.	Development of Library facilities and a Univ. Press	C	Ford F.	388,500	Grant	3.42	
106.	Teaching English Language and Literature	C	Great Britain	(—)	Grant	6.4	
107. <u>STATE UNIVERSITY OF SÃO PAULO</u>	Expansion of University	0	IDB	6,460,000	Loan	2.1	Part of the overall loan to MEC for the Expansion of Advanced Education
108.	Support for Seminar in Law and Economics	C	Ford Found.	9,000	Grant	3.41	
109.	Research and Teaching in Economics	0	Ford Found.	718,000	Grant	3.8	
110.	Furnishing medical equipment	(—)	Rockefeller F	5,423	Grant	4.2	Through Dept. of Clinical Medicine
111.	Support of the Dept. of Physiology	(—)	Rockefeller F	1,331	Grant	4.3	
112.	Equipment for the Dept. of Genetics	(—)	Rockefeller F	5,423	Grant	4.4	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				Value (US\$)	Terms		
113.	Research in Animal Genetics	(—)	Rockefeller F.	11,725	Grant	4.5	
114.	Research in Human Genetics	(—)	Rockefeller F.	6,000	Grant	4.6	
115.	Research and Teaching Chemistry	0	Ford Found.	514,000	Grant	3.22	
116.	Research and Teaching Oceanography	0	Ford Found.	547,500	Grant	3.25	
117.	Establishment of Closed-Circuit Television	C	Ford Found.	177,000	Grant	3.43	
118.	Research and Teaching Rural Social Sciences	0	Ford Found.	213,000	Grant	3.15	Through the Agricultural School of Piracicaba
119.	Agricultural Research	(—)	Rockefeller F.	19,932	Grant	4.10	Through the Agricultural School of Piracicaba
120.	<u>FEDERAL UNIVERSITY OF PARANÁ</u> Support to training Forestry Engineers	C	FAO/UNDP	1,474,000	Grant	1.17	Through the National Forestry School
121.	Support to training secondary school teachers in agriculture	0	Ford Found.	430,520	Grant	3.30	
122.	Research in Human Genetics	(—)	Rockefeller F.	4,516	Grant	4.7	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				VALUE (US\$)	TERMS		
123. <u>FEDERAL UNIVERSITY OF RIO GRANDE DO SUL</u>	Research and Teaching in Applied Hydrology	O	UNESCO/UNDP	901,626	Grant	1.2	
124.	Research in Genetics	(---)	Rockefeller Foundation	7,077	Grant	4.8	
125.	Development of Animal Production	O	W.Germany	(---)	Grant	5.2	Through the School of Veterinary Medicine
126.	Development of Veterinary Teaching	O	W. Germany	(---)	(---)	5.3	
127.	Research and Teaching Rural Social Sciences	O	Ford Found.	108,000	Grant	3.16	
128.	Research in municipal administra- tion and politics	C	Ford Found.	343,000	Grant	3.12	Through the Institute of Adminis- tration
129.	Improvement of undergraduate pro- gram in Economics	O	Ford Found.	130,000	Grant	3.37	Through the Faculty of Economics
130.	English Language and Literature	(---)	Great Britain	(---)	(---)	6.5	
131. <u>FEDERAL UNIVERSITY OF SANTA MARIA</u>	Improvement of Agricultural Sciences teaching	P	FAO/UNDP	1,729,000	Grant	1.7	
132.	Installation of Virology Laboratory	O	W.Germany	(---)	(---)	5.7	Through Institute of Microbiology
133.	Equipment of the Institute of Chemistry	P	W.Germany	(---)	(---)	5.8	
134.	Equipment for the Industrial School	C	W. Germany	(---)	(---)	5.4	

ASSISTED ENTITIES	ASSISTANCE PROVIDED	STATUS OF PROG.	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NO.	REMARKS
				VALUE (US\$)	TERMS		
135. <u>PONTIFICAL CATHOLIC UNIVERSITY OF RIO GRANDE DO SUL</u>	Training Junior High School (Ginásio) Teachers	0	Ford Found.	500,500	Grant	3.1	
136.	Training Secondary School Language Teachers	0	Ford Found.	28,500	Grant	3.6	
137. <u>UNSPECIFIED UNIVERSITIES</u>	Fellowships and Scholarships for individuals	(---)	Rockefeller F.	123,233	Grant	4.15	

AID TO EDUCATION IN BRAZIL CLASSIFIED BY NATURE OF ASSISTANCE

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL INPUT		ANNEX I REF. NUMBER	REMARKS
				VALUE US \$	TERMS		
<u>A. Educational Plng. and Research</u>							
1. Planning educ. development	Ministry of Educ. and Culture - INEP	O	UNESCO/UNDP	371,400	Grant	1.6	Includes Min. Planning-Getúlio Vargas Foundation
2. Planning of tech. training	Ministry of Planning - IPEA	P	UNESCO/UNDP	-	-	1.15	
3. Advisory services on school construction	Ministry of Educ. and Culture - INEP	O	OAS/CONESCAL	-	-	2.6	
4. Advisory services in adult literacy	Ministry of Educ. and Culture- MOBRAF	C	UNESCO/UNDP	23,100	Grant	1.18	
5. Improvement of Univ. Admission Exams	Carlos Chagas Found.	O	Ford Foundation	252,000	Grant	3.2	
6. Educational testing for secondary schools	Getúlio Vargas Foundation	O	Ford Foundation	460,000	Grant	3.3	
<u>B. Creation of New Educational Institutions (Facilities, commodities, technicians)</u>							
7. Establish Center for Applied Hydrology	Federal Univ. of Rio Grande do Sul	O	UNESCO/UNDP	901,626	Grant	1.2	Through Institute of Hydraulic Research

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US\$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
8. Establish Center for Study of Linguistics	Federal Univ. of Rio de Janeiro	O	Ford Foundation	408,600	Grant	3.7	Through National Museum
9. Construction of "ginásios" and teacher trng. facilities	Ministry of Educ. and Culture- General Secretariat	P	IBRD/UNESCO	12,000,000	Loan	1.11	
10. Create National Center for Vocational Education	Ministry of Educ. - Directorate of Industrial Education	P	ILO/UNDP	1,427,000	Grant	1.12	Involving SENAI/SENAC
11. Establish Center for training Nutritionists	Fed. Univ. of Pernambuco	P	FAO	97,000	Grant	1.9	World Anti-Hunger Campaign Dutch Committee
12. Install Virology Laboratory	Fed. Univ. of Santa Maria	P	W. Germany	(--)	(--)	5.7	At Institute of Microbiology
13. Create Inter-American School of Educ.	Ministry of Educ. and Culture	P	OAS	(--)	(--)	2.7	
14. Create National School of Forestry	Fed. Univ. of Paraná	C	FAO/UNDP	1,474,000	Grant	1.17	
C. Expansion, Strengthening and Improvement of Educational Institutions (Facilities, Commodities, Technicians)							
15. Expansion of advanced educ. through the expansion of 9 univ.	Ministry of Educ. and Culture - Special Commission	O	IDB	25,000,000	Loan	2.1	Federal Univ. of Rio de Janeiro, Brasília, M. Gerais, Ceará, Pernambuco, Viçosa, State Univ. of S. Paulo, Catholic Univ. of Rio, and Bahia.
16. Gen. Univ. Development	Fed. Univ. of Minas Gerais	(--)	Rockefeller Foundation	28,769	Grant	4.13	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
17. Strengthening of Basic Science Teaching and Research	Federal Univ. of Bahia	O	UNESCO/UNDP	1,066,600	Grant	1.1	Through Basic Sciences Center
18. Strengthening the Center for Science Teaching in the Northeast	Federal Univ. of Pernambuco	O	Ford Found.	150,000	Grant	3.31	
19. Strengthening teaching of Technology	Univ. of Brasilia	O	UNESCO/UNDP	1,463,811	Grant	1.3	Through the Central Science Institute
20. Strengthening National Centers for Improvement and Post-graduate studies in Basic Sciences	Ministry of Educ. and Culture - CAPES	C	IDB	4,000,000	Loan	2.13	Involves BNDE
21. Strengthening the Sani tary Engineering Inst.	State Univ. of Guanabara - School of Engineering	O	WHO/UNDP	502,800	Grant	1.4	
22. Equipment for Clinical Medicine	State Univ. of São Paulo	(--)	Rockefeller Foundation	5,423	Grant	4.2	To Dept. of Clinical Medicine
23. Support to Dept. of Physiology	State Univ. of São Paulo	(--)	Rockefeller Foundation	1,331	Grant	4.3	
24. Equipment for Dept. of Genetics	State Univ. of São Paulo	(--)	Rockefeller Foundation	5,423	Grant	4.4	
25. Equipment for Inst. of Chemistry	Federal Univ. of Santa Maria	P	W. Germany	(--)	(--)	5.8	
26. Equipment and technicians for Tropical Medicine	Federal Univ. of Pernambuco	C	W. Germany	(--)	(--)	5.9	
27. Expansion of Research & Agric. Extension Programs	Fed. Univ. of Viçosa	O	Ford Found.	995,000	Grant	3.27	

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NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
28. Expansion of Agricultural Education	Federal Univ. of Santa Maria	P	FAO/UNDP	1,729,000	Grant	1.7	
29. Expansion and Rehabilitation of Agricultural Schools(Vocational)	Min. of Educ. and Culture	P	FAO/IREB	-	-	1.13	
30. Purchase of Library Materials	Federal Univ. of Viçosa	C	Rockefeller Foundation	3,732	Grant	4.12	
31. Replacement of Specialized Library	Braz. Center for Research in Physics	C	Ford Found.	100,000	Grant	3.44	
32. Development of Library Facilities	Univ. of Brasília	C	Ford Found.	388,000	Grant	3.42	
33. Installation of Closed Circuit Television	State Univ. of São Paulo	C	Ford Found.	177,000	Grant	3.43	
34. Laboratory Equipment and Computer	Aeronautical Inst. of Technology	C	Ford Found.	159,586	Grant	3.51	
35. Consulting Services for School Expansion	American School of Rio de Janeiro	C	Ford Found.	162,500	Grant	3.57	
36. Re-equipment of Technical Schools	Ministry of Education Directorate of Ind. Educ.	O	IDB	3,000,000	Loan	2.2	
37. Equipment for Industrial School	Federal Univ. of Santa Maria	O	W. Germany	(--)	(--)	5.4	
38. Equipment and Technician for Ind. School	Tech. School São Bernardo do Campo, SP	O	W. Germany	(--)	(--)	5.5	
39. Technician for Ind. School	Technical School Tupy Joinville-S. Catarina	O	W. Germany	(--)	(--)	5.6	
40. Expansion of Business Administration Teaching	S. Paulo School of Bus. Administration	O	Ford Found.	500,000	Grant	3.18	Getúlio Vargas Foundation

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
<u>D. Improvement in Quality of Instructional Programs</u>							
41. Improve Veterinary Teaching & Research	Federal Univ. of Minas Gerais	P	FAO/UNDP	3,081,000	Grant	1.8	
42. Develop Veterinary Teaching & Research	Federal Univers. of Rio Grande do Sul	O	W. Germany	(--)	(--)	5.3	School of Veterinary
43. Strengthening teaching & research in Economics in the Northeast	Fed. Univ. of Ceará	O	Ford Found.	330,000	Grant	3.9	Through the Center for Improvement of Economists in the Northeast
44. Improvement of Under-Grad. Econ. Program	Federal Univ. of Rio Grande do Sul	C	Ford Found.	130,000	Grant	3.37	Faculty of Economics
45. Graduate Program in Agric. Economics	Federal Univ. of Viçosa	O	Ford Found.	230,000	Grant	3.29	Through Institute of Rural Economics
46. Committee for Grad. Trng. in Sciences and Mathematics	Federal Univ. of Rio de Janeiro	C	Ford Found.	15,000	Grant	3.46	
47. Development of Grad. Teaching & Research	Federal Univ. of Rio de Janeiro (through Program in Basic Sciences and Mathematics)	C	Ford Found.	640,867	Grant	3.47	
48. Strengthening Graduate Training & Research Programs in the Basic Sciences	Federal Univ. of Rio de Janeiro	O	Ford Found.	231,000	Grant	3.21	
49. Strengthening Research & Teaching Activities in Chemistry	Federal Univ. of São Paulo	O	Ford Found.	514,000	Grant	3.22	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US\$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
50. Strengthening and Expansion of Improvement of Secondary Science Teaching	Foundation for the Development of Science Teaching - FUNBEC	C	Ford Found.	170,000	Grant	3.55	
51. Promote the development of Science Teaching	Foundation for the Development of Science Teaching	O	UNESCO/UNDP	11,500	Grant	1.10	Advisory services only
52. Strengthening research & Grad. Trng. in Oceanography	State Univ. of São Paulo - Oceanographic Inst.	O	Ford Found.	547,500	Grant	3.25	
53. Improving 1st Grade Teaching	Ministry of Educ. and Culture	P	OAS	(--)	(--)	2.12	
54. Improvement of Primary Educ. in Favelas	Secretariat of Educ. Guanabara	C	Ford Found.	225,000	Grant	3.58	
55. Improvement of Primary Educ. in Favelas	Secretariat of Educ. Guanabara	C	Ford Found.	15,000	Grant	3.59	Observation trip to the US
<u>E. Training and Upgrading Teachers and Technical Personnel</u>							
56. Primary Teachers and other personnel training	Ministry of Educ. & Culture- INEP	O	UNICEF/UNESCO UNESCO	1,182,000 40,425	Grant Grant	1.5	
57. Development of Regional Teacher Trng. Program	Catholic Univ. of Rio Grande do Sul	O	Ford Found.	500,500	Grant	3.1	Faculty of Philosophy
58. Intensive Refresher Courses for Univ. Teachers	Ministry of Educ. and Culture - CAPES	O	Ford Found.	820,500	Grant	3.26	
59. Science Leadership Training Program	Found. for the Development of Science Teaching - FUNBEC	O	Ford Found.	86,000	Grant	3.32	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US\$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
60. Establishment of a three-year trng. program for "ginásio" teachers	Fed. Univ. of Rio de Janeiro	C	Ford Found.	59,054	Grant	3.56	Faculty of Education
61. Trng. Industrial Arts Teachers	Ministry of Educ. and Culture	P	OAS	(--)	(--)	2.8	
62. Trng. Secondary School Teachers in Agriculture	Federal Univ. of Paraná	O	Ford Found.	430,520	Grant	3.30	School of Agronomy
63. Trng. Language Teachers for Secondary Schools	Federal Univ. of Bahia	O	Ford Found.	38,000	Grant	3.5	
64. Training Language Teachers for Secondary School	Catholic Univ. of Rio Grande do Sul	O	Ford Found.	28,500	Grant	3.6	Faculty of Philosophy
65. Training Professors of Linguistics & Languages	Yázigi Institute	O	Ford Found.	46,200	Grant	3.4	
66. Training Teachers in Audio-Visuals	Ministry of Educ. and Culture - INEP	O	OAS	124,542	Grant	2.3	Latin-American Course
67. Training School Administrators	Ministry of Education and Culture- INEP	O	OAS	176,757	Grant	2.4	Latin-American Course
F. <u>Development and Improvement of Instructional Materials</u>							
68. Development of Science Teaching Materials	Foundation for the Development of Science Teaching- FUNDEC	O	Ford Found.	194,000	Grant	3.33	
69. Development of Public Administration and Instructional Materials	Brazilian School of Public Administration	O	Ford Found.	168,000	Grant	3.17	Getúlio Vargas Foundation

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
70. Textbooks and other teaching materials in Bus. Administration	S. Paulo School of Business Administration	C	Ford Foundation	105,000	Grant	3.39	Getúlio Vargas Foundation
G. <u>Actual Teaching in Specific Fields</u>							
71. Teaching Hydrodynamics and Naval Engin.	Federal Univ. of Rio de Janeiro	C	Lower Countries	(--)	(--)	9.2	
72. Teaching in Vocational training	Federal Univ. of Minas Gerais	O	Great Britain	(--)	(--)	6.1	Technical School
73. Teaching in Medical Technology	Federal Univ. of Minas Gerais	O	Great Britain	(--)	(--)	6.2	Technical School
74. Teaching Sciences and Technology	Federal Univ. of Minas Gerais	O	Great Britain	(--)	(--)	6.3	Technical School
75. Teaching Chemical Engineering	Federal Univ. of Rio de Janeiro	C	Great Britain	(--)	(--)	6.7	
76. Teaching on Animal Production	Federal Univ. of Rio Grande do Sul	O	W. Germany	(--)	(--)	5.2	School of Veterinary
77. Teaching on Farm Practices	Agricultural School Visconde da Graça, Pelotas, RS	O	W. Germany	(--)	(--)	5.1	
78. Teaching on Soil Analysis	Federal Univ. of Viçosa	C	Great Britain	(--)	(--)	6.8	
79. Teaching on Agricultural Practices	Ministry of Interior-SUDENE	C	Switzerland	(--)	(--)	7.1	
80. Teaching and Research on Community Development	Ministry of Interior-SUDENE	C	Lower Countries	(--)	(--)	9.1	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
81. Teaching English Language and Literature	University of Brasília	C	Great Britain	(--)	(--)	6.4	
82. Teaching English Language and Literature	Federal Univ. of Rio Grande do Sul	C	Great Britain	(--)	(--)	6.5	
83. Teaching English Language and Literature	Federal Univ. of Ceará	C	Great Britain	(--)	(--)	6.6	
84. Non specified fields	Fed. Univ. of M. Gerais	(-)	Rockefeller F.	1,036	Grant	4.14	
<u>H. Specific Manpower Training</u>							
85. Trng. Qualified Personnel for Human Resources Development	Ministry of Planning National Center for Human Resources	P	x/UNDP	(--)	(--)	1.14	
86. Management training & Operations Research to Development Banking	National Economic Development Bank	O	Ford Found.	455,000	Grant	3.19	
87. Export Marketing Trng.	Min. of Foreign Affairs	C	UNCTAD/UNDP	94,700	Grant	1.20	
88. Training Operating Engineers	Technical School "Celso S. da Fonseca"	O	Ford Found.	874,000	Grant	3.34	Min. of Educ.-Direc. Ind. Education
89. Trng. Telecommunications Technicians	Ministry of Communications- CONTEL	P	ITU/UNDP	582,000	Grant	1.16	
90. Trng. Technical Personnel Abroad for the S. Francisco Basin	Ministry of Interior- SUDENE	C	Ford Found.	140,000	Grant	3.35	
91. Training for Textile Industry	M. Gerais Labour Univ. - UTRAMIG	O	OAS	(--)	Grant	2.5	Min. of Educ. - Direc. Industrial Education
92. Training for Textile Industry	Trng. Center for Textile Ind. -Pernambuco	O	Japan	(--)	(--)	8.1	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US\$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
93. Advise on Accelerated Manpower Training	Ministry of Educ. - Direc. Ind. Educ.	P	OAS	(--)	(--)	2.9	
94. Training for Civil Construction	Ministry of Labor - National Manpower Dept.	C	ILO	10,998	Grant	1.19	Advisory Services
95. Training Skilled Ceramists	Min. of Educ. - Direc. Industrial Educ.	P	OAS	(--)	(--)	2.10	
96. Training technicians in Hides and Leather	Min. of Educ. Direc. Industrial Educ.	P	OAS	(--)	(--)	2.11	
<u>I. Research and Studies in Specific Fields</u>							
97. Research and training in Social Sciences	Brazilian Society for Instruction	O	Ford Found.	352,000	Grant	3.14	
98. Research and Training in Rural Social Sciences	State Univ. of S. Paulo	O	Ford Found.	213,000	Grant	3.15	School of Agronomy of Piracicaba
99. Research and Training in Rural Social Sciences	Fed. Univ. of Rio Grande do Sul	O	Ford Found.	108,000	Grant	3.16	
100. Research and Teaching in Social Anthropology	Fed. Univ. of Rio de Janeiro	O	Ford Found.	229,000	Grant	3.20	National Museum
101. Establish Research Center in Legal Studies	State Univ. of Guanabara	O	Ford Found.	485,000	Grant	3.13	Research and Study Center on Teaching Law
102. Research on Adm. of State and Local Govt.	School of Administration	C	Ford Found.	132,000	Grant	3.40	Getúlio Vargas Foundation
103. Research in Municipal Adm. and Politics	Fed. Univ. of Rio Grande do Sul	C	Ford Found.	343,000	Grant	3.12	Institute of Administration
104. Research and Teaching in Political Sciences	Federal Univ. of Minas Gerais	O	Ford Found.	657,000	Grant	3.11	Dept. of Political Sciences

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US \$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
105. Research and Teaching in Economics	State Univ. of São Paulo	O	Ford Found.	718,000	Grant	3.8	Institute of Economic Research
106. Research and Training in Economic Planning	Ministry of Planning	C	Ford Found.	270,000	Grant	3.38	Center for Training and Research in Economic Development
107. Strengthening Research in Economic Development	Getúlio Vargas Found.	C	Ford Found.	500,000	Grant	3.36	Brazilian Inst. of Economics IBRE
108. Research in Regional Economics	Federal Univ. of Minas Gerais	C	Ford Found.	185,100	Grant	3.10	
109. Research and Training in Agricultural Econ.	Federal Univ. of Ceará	O	Ford Found.	71,000	Grant	3.28	
110. Research and training in Agricultural Econ.	Federal Univ. of Viçosa	C	Ford Found.	120,000	Grant	3.53	
111. Support to Research in Basic Sciences and Fellowships to Study Abroad	National Research Center (CNPq)	C	Ford Found.	252,761	Grant	3.49	
112. Strengthening Research and Teaching in Physics	Catholic Univ. of Rio de Janeiro	C	Ford Found.	190,000	Grant	3.45	Department of Physics
113. Research and Teaching in Mathematics	Federal Univ. of Ceará	C	Ford Found.	140,000	Grant	3.48	
114. Research on Genetics	Fed. Univ. of R.G.S.	(-)	Rockefeller F.	7,077	Grant	4.8	Animal, Human and Molecular Gen.
115. Research on Human Gen.	Fed. Univ. of Paraná	(-)	Rockefeller F.	4,516	Grant	4.7	Includes travel of 1 geneticist to Tokyo
116. Research on Genetics and Equipment for Lab.	State University of São Paulo	(-)	Rockefeller F.	23,175	Grant	4.6	
117. Research on Animal Genetics	State University of São Paulo	(-)	Rockefeller F.	11,725	Grant	4.5	
118. Support to the Lab. of Human Genetics	Federal Univ. of Bahia	(-)	Rockefeller F.	4,235	Grant	4.9	

NATURE OF ASSISTANCE	AGENCY ASSISTED	PROGRAM STATUS	AGENCY PROVIDING ASSISTANCE	EXTERNAL VALUE US\$	INPUT TERMS	ANNEX I REF. NUMBER	REMARKS
119. Research on Reproductive Biology	Federal Univ. of Bahia	0	Ford Found.	476,500	Grant	3.24	
120. Research on Reproductive Biology	Federal Univ. of Rio de Janeiro	0	Ford Found.	122,000	Grant	3.23	
121. Research in the Faculty of Medicine	Federal Univ. of Minas Gerais	(-)	Rockefeller Foundation	3,353	Grant	4.1	
122. Research in Agric. in General	State Univ. of São Paulo	(-)	Rockefeller Foundation	19,932	Grant	4.10	
123. Strengthening Research Capacity	Federal Univ. of Viçosa	C	Ford Found.	75,000	Grant	3.54	
<u>J. Other Kinds of Aid</u>							
124. Program for small ind. development	Federal University of Ceará	C	Ford Found.	214,640	Grant	3.52	
125. Support for Seminar in Law	State Univ. of São Paulo	C	Ford Found.	9,000	Grant	3.41	
126. Establishment of Program of National Research Symposia and Expansion of Publication Activities	Brazilian Academy of Sciences	C	Ford Found.	84,400	Grant	3.50	
127. Contribution to Fellowships in the Field of Agriculture	Federal Univ. of Viçosa	(-)	Rockefeller Foundation	1,500	Grant	4.11	
128. Fellowships, scholarships and travel grants to individuals, in unspecified fields	Several Universities	(-)	Rockefeller Foundation	123,233	Grants	4.15	

NUMBER AND STATUS OF PROJECTS, VALUE AND TERMS OF EXTERNAL INPUT, BY ASSISTED ENTITY IN BRAZIL

Assisted Entity	Status of Project	Terms and Value in US\$							
		Not Specified Terms		Grants		Loans (3)		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
1 Ministry of Education and Culture	O	3	(-)	6	3,589,624	2	28,000,000	11	31,589,624
	C	-	-	1	23,100	1	4,000,000	2	4,023,100
	P	7	(-)	1	1,427,000	1	12,000,000	9	13,427,000
	Total	10	(-)	8	5,039,724	4	44,000,000	22	49,039,724
2 Ministry of Interior SUDENE	O	2	(-)	1	140,000	-	-	3	140,000
	C	1	(-)	-	-	-	-	1	(-)
	P	-	-	-	-	-	-	-	-
	Total	3	(-)	1	140,000	-	-	4	140,000
3 Ministry of Planning	O	-	-	-	-	-	-	-	-
	C	-	-	1	270,000	-	-	1	270,000
	P	2	(-)	-	-	-	-	2	(-)
	Total	2	(-)	1	270,000	-	-	3	270,000
4 Other Ministries Foreign Affairs, Aeronautics, Labor, Communications -(one project each)	O	-	-	-	-	-	-	-	-
	C	-	-	3	265,284	-	-	3	265,284
	P	-	-	1	582,000	-	-	1	582,000
	Total	-	-	4	847,284	-	-	4	847,284
5 Getúlio Vargas Foundation	O	-	-	3	1,128,000	-	-	3	1,128,000
	C	-	-	3	737,000	-	-	3	737,000
	P	-	-	-	-	-	-	-	-
	Total	-	-	6	1,865,000	-	-	6	1,865,000

Assisted Entity	Status of Project	Terms and Value in US\$							
		Not Specified Terms		Grants		Loans (3)		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
6 Brazilian Foundation for the Development of Science Teaching FUNBEC	O	-	-	2	280,000	-	-	2	280,000
	C	-	-	1	170,000	-	-	1	170,000
	P	-	-	1	11,500	-	-	1	11,500
	Total	-	-	$\frac{4}{1}$	<u>461,500</u>	-	-	$\frac{4}{1}$	<u>461,500</u>
7 Carlos Chagas Foundation	O	-	-	1	252,000	-	-	1	252,000
8 National Bank for Economic Develop. -BNDE	O	-	-	1	455,000	-	-	1	455,000
9 Brazilian Society for Instruction	O	-	-	1	352,000	-	-	1	352,000
10 National Research Council - CNPq	C	-	-	1	252,761	-	-	1	252,761
11 Brazilian Center for Research in Physics	C	-	-	1	100,000	-	-	1	100,000
12 Brazilian Academy of Science	C	-	-	1	84,400	-	-	1	84,400
13 Independent Schools	O	2	(-)	-	-	-	-	2	(-)
	C	-	-	2	208,700	-	-	2	208,700
	P	-	-	-	-	-	-	-	-
	Total	$\frac{2}{1}$	(-)	$\frac{2}{1}$	<u>208,700</u>	-	-	$\frac{4}{1}$	<u>208,700</u>
14 State Secretariat of Education - Guanabara	C	-	-	2	240,000	-	-	2	240,000
15 State University of São Paulo	O	-	-	4	1,992,500	1	6,460,000	5	8,452,500
	C	-	-	2	186,000	-	-	2	186,000
	not specified	-	-	6	49,834	-	-	6	49,834
	Total	-	-	$\frac{12}{1}$	<u>2,228,334</u>	$\frac{1}{1}$	<u>6,460,000</u>	$\frac{13}{1}$	<u>8,688,334</u>

Assisted Entity	Status of Project	Terms and Value in US\$							
		Not Specified Terms		Grants		Loans (3)		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
16 Federal University of Minas Gerais	O	3	(-)	2	842,100	1	955,000	6	1,797,100
	not specified	-	-	3	33,158	-	-	3	33,158
	P	-	-	1	3,081,000	-	-	1	3,081,000
	Total	3	(-)	6	3,956,258	1	955,000	10	4,911,258
17 Federal University of Rio de Janeiro	O	-	-	4	990,600	1	10,580,000	5	11,570,600
	C	-	-	3	709,921	-	-	3	709,921
	not specified	2	(-)	-	-	-	-	2	(-)
	Total	2	(-)	7	1,700,521	1	10,580,000	10	12,280,521
18 Federal University of Viçosa - Minas Gerais	O	-	-	2	1,225,000	1	955,000	3	2,180,000
	C	-	-	2	195,000	-	-	2	195,000
	not specified	1	(-)	2	5,232	-	-	3	5,232
	Total	1	(-)	6	1,425,232	1	955,000	8	2,380,232
19 Federal University of Rio Grande do Sul	O	2	(-)	3	1,139,626	-	-	5	1,139,626
	C	-	-	1	343,000	-	-	1	343,000
	not specified	1	(-)	1	7,077	-	-	2	7,077
	Total	3	(-)	5	1,489,703	-	-	8	1,489,703
20 Federal University of Ceará	O	-	-	2	401,000	1	955,000	3	1,356,000
	C	1	(-)	2	354,640	-	-	3	354,640
	P	-	-	-	-	-	-	-	-
	Total	1	(-)	4	755,640	1	955,000	6	1,710,640
21 Federal University of Bahia	O	-	-	3	1,581,100	1	2,495,000	4	4,076,100
	C	-	-	-	-	-	-	-	-
	not specified	-	-	1	4,235	-	-	1	4,235
	Total	-	-	4	1,585,335	1	2,495,000	5	4,080,335

(1)

Assisted Entity	Status of Projet	Terms and Value in US\$							
		Not Specified Terms		Grants		Loans (3)		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
22 Federal University of Pernambuco	O	-	-	1	150,000	1	560,000	2	710,000
	C	1	(-)	-	-	-	-	1	(-)
	P	-	-	1	97,000	-	-	1	97,000
	Total	1	(-)	2	247,000	1	560,000	4	807,000
23 Federal University of Brasília	O	-	-	1	1,463,811	1	1,605,000	2	3,068,811
	C	1	(-)	1	388,500	-	-	2	388,500
	P	-	-	-	-	-	-	-	-
	Total	1	(-)	2	1,852,311	1	1,605,000	4	3,457,311
24 Federal University of Santa Maria - Rio Grande do Sul	O	1	(-)	-	-	-	-	1	(-)
	C	1	(-)	-	-	-	-	1	(-)
	P	1	(-)	1	1,729,000	-	-	2	1,729,000
	not specified	-	(-)	-	-	-	-	-	(-)
	Total	3	(-)	1	1,729,000	-	-	4	1,729,000
25 Federal University of Paraná	O	-	-	1	430,520	-	-	1	430,520
	C	-	-	1	1,474,000	-	-	1	1,474,000
	not specified	-	-	1	4,516	-	-	1	4,516
	Total	-	-	3	1,909,036	-	-	3	1,909,036
26 State University of Guanabara	O	-	-	2	987,800	-	-	2	987,800
27 Catholic University of Rio de Janeiro	O	-	-	-	-	1	435,000	1	435,000
	C	-	-	1	190,000	-	-	1	190,000
	Total	-	-	1	190,000	1	435,000	2	625,000
28 Catholic University of Rio Grande do Sul	O	-	-	2	529,000	-	-	2	529,000
29 Not Specified Universities	not specified	-	-	1	123,233	-	-	1	123,233

		Terms and Value in US\$							
		Not Specified Terms		Grants		Loans (3)		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
	O	13		42	17,929,681	2	28,000,000	57	45,929,681
	C	5		29	6,192,306	1	4,000,000	35	10,192,306
	P	10		6	6,927,500	1	12,000,000	17	18,927,500
T O T A L	Non specified	<u>4</u>		<u>15</u>	<u>227,285</u>	<u>-</u>	<u>-</u>	<u>19</u>	<u>227,285</u>
	Total	32		92	31,276,772	4	44,000,000	128	75,276,772

- (1) Value of 1 grant not specified
- (2) Value of 1 grant not specified
- (3) The IDB loan of \$ 25 million for higher education is broken down to illustrate the institutions assisted.

NUMBER OF PROJECTS AND INPUT BY AGENCY PROVIDING ASSISTANCE TO EDUCATION IN BRAZIL

Assisting Agency	Status of Project	Terms and Value in US\$								
		Not Specified Terms		Grants		Loans		Total		
		No.	Value	No.	Value	No.	Value	No.	Value	
United Nations	O	-	-	6	5,528,662	-	-	6	5,528,662	(1)
	C	-	-	4	1,602,798	-	-	4	1,602,798	
	P	3	(-)	6	6,927,500	1	12,000,000	10	18,927,500	
	Not specified	-	-	-	-	-	-	-	-	
	Total	3	(-)	16	14,058,960	1	12,000,000	20	26,058,960	
Organization of the American States	O	2	(-)	2	301,299	2	28,000,000	6	28,301,299	(2)
	C	-	-	-	-	1	4,000,000	1	4,000,000	
	P	6	(-)	-	-	-	-	6	(-)	
	Not specified	-	-	-	-	-	-	-	-	
	Total	8	(-)	2	301,299	3	32,000,000	13	32,301,299	
Ford Foundation	O	-	-	37	12,666,720	-	-	37	12,666,720	
	C	-	-	22	4,022,508	-	-	22	4,022,508	
	P	-	-	-	-	-	-	-	-	
	Not specified	-	-	-	-	-	-	-	-	
	Total	-	-	59	16,689,228	-	-	59	16,689,228	
Rockefeller Foundation	O	-	-	-	-	-	-	-	-	
	C	-	-	-	-	-	-	-	-	
	P	-	-	-	-	-	-	-	-	
	Not specified	-	-	15	227,285	-	-	15	227,285	
	Total	-	-	15	227,285	-	-	15	227,285	

Assisting Agency	Status of Project	Terms and Value in US\$							
		Not Specified Terms		Grants		Loans		Total	
		No.	Value	No.	Value	No.	Value	No.	Value
Western Germany	O	6	(-)	-	-	-	-	6	(-)
	C	2	(-)	-	-	-	-	2	(-)
	P	1	(-)	-	-	-	-	1	(-)
	Not specified	-	-	-	-	-	-	-	-
	Total	9	(-)	-	-	-	-	9	(-)
Great Britain	O	3	(-)	-	-	-	-	3	(-)
	C	2	(-)	-	-	-	-	2	(-)
	P	-	-	-	-	-	-	-	-
	Not specified	3	(-)	-	-	-	-	3	(-)
	Total	8	(-)	-	-	-	-	8	(-)
Switzerland	O	1	(-)	-	-	-	-	1	(-)
	Total	1	(-)	-	-	-	-	1	(-)
Japan	O	1	(-)	-	-	-	-	1	(-)
	Total	1	(-)	-	-	-	-	1	(-)
Lower Countries	C	1	(-)	-	-	-	-	1	(-)
	Not specified	1	(-)	-	-	-	-	1	(-)
	Total	2	(-)	-	-	-	-	2	(-)
T O T A L	O	13	(-)	45	17,929,681	2	28,000,000	60	45,929,681
	C	5	(-)	26	6,192,306	1	4,000,000	32	10,192,306
	P	10	(-)	6	6,927,500	1	12,000,000	17	18,927,500
	Not specified	4	(-)	15	227,285	-	-	19	227,285
	Total	32	(-)	92	31,276,772	4	44,000,000	128	75,276,772

(1) Of the Pending grants, 3 projects do not have their financing yet determined.

(2) Of the Operational projects, one does not require funding, and funds for another were not specified.

FOREIGN ASSISTANCE TO EDUCATION IN BRAZIL OTHER THAN USAID

A. GENERAL DATA

1. Benefitted educational level: _____

2. Teaching area: _____

3. General designation of the assistance: _____

4. Assistant agency: _____

Contact: _____

Address: _____

5. Brazilian parties:

a) Coordinating or responsible agency: _____

b) Channelling or executing agency: _____

Contact: _____

Address: _____

c) Other agencies involved: _____

6. Mode of assistance (mutual obligations program or project, technical advisory services; grants; financing, others): _____

7. Instrument (agreement, contract, etc., dates and signatories): _____

8. Summary of original plan (objectives, expected results, established starting date and duration, etc.): _____

B. OBLIGATIONS OF ASSISTANT AGENCY

1. Descriptive Summary: _____

2. Updated contractual value of foreign contribution (except financing):
a) in cash (US\$)
b) in kind (US\$)
c) in personnel (US\$)
d) in administration (US\$)
e) _____ (US\$)
f) _____ (US\$)
Total: _____ (US\$ _____)

Remarks: _____

3. Mechanics of foreign disbursement:
a) origin of resources: _____
b) mode (total or by installments): _____
c) deposit/s at _____

for _____
d) in case of installments:
periods: _____
values: _____ (US\$ _____)
e) established conditions: _____

4. External financing:
a) origin of resources: _____
b) mode: _____
c) value: _____ (US\$ _____)
d) disbursement (total/installments) _____
e) deposit/s or credit/s at _____

for _____

f) in case of installments:

periods: _____

values: _____ (US\$ _____)

established conditions: _____

g) Brazilian reimbursement:

in credits: _____

in kind: _____

in cash: (currency) _____ (US\$ _____)

term: _____; grace period: _____; interest _____

installments:

periods: _____; Values _____ US\$ _____)

Remarks: _____

C. OLLIGATIONS ON THE BRAZILIAN SIDE

1. Descriptive summary: _____

2. Updated contractual value of Brazilian financial counterpart:

a) in cash (US\$)

b) in kind (US\$)

c) in personnel (US\$)

d) in administration (US\$)

e) _____ (US\$ _____)

f) _____ (US\$ _____)

Total: (US\$)

Remarks: _____

3. Mechanics of Drazilian disbursement:

a) origin of resources: _____

b) mode (total or by installments): _____

c) deposit/s at _____

_____ for _____

d) in case of installments:

periods: _____

values: _____ (US\$ _____)

D. PROGRAM DEVELOPMENT (Actual initial date; changes, extensions and respective causes; difficulties and other pertinent data):

F. APPLICATION OF DUNDS

1. From the assistant agency

YEAR	Allocated or Projected		Actually Spent	
	Currency	US\$ Equivalent	Currency	US\$ Equivalent

Remarks: _____

2. From the Brazilian side

YEAR	Allocated or Projected		Actually Spent	
	Currency	US\$ Equivalent	Currency	US\$ Equivalent

Remarks: _____