

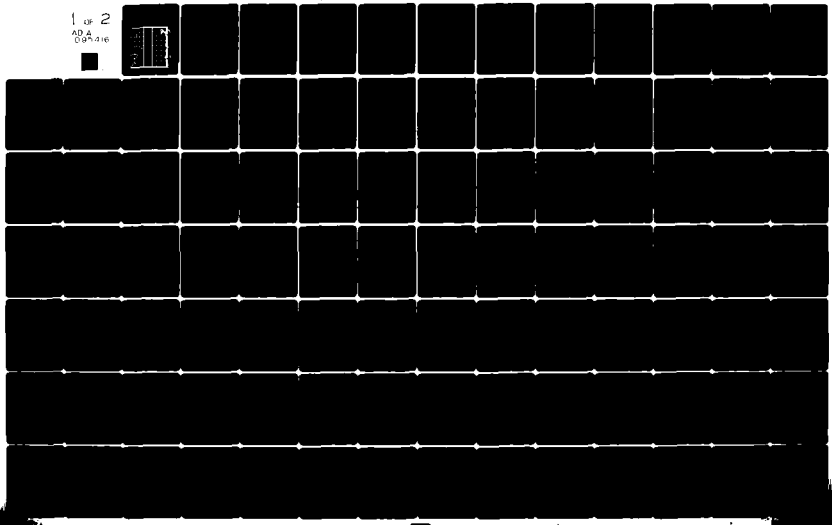
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OFFICE OF NAVAL RESEARCH TOKYO GROUP APO SAN FRANCISCO--ETC F/G 5/2
JAPANESE RESEARCH INSTITUTES FUNDED BY MINISTRIES OTHER THAN ED--ETC(U)
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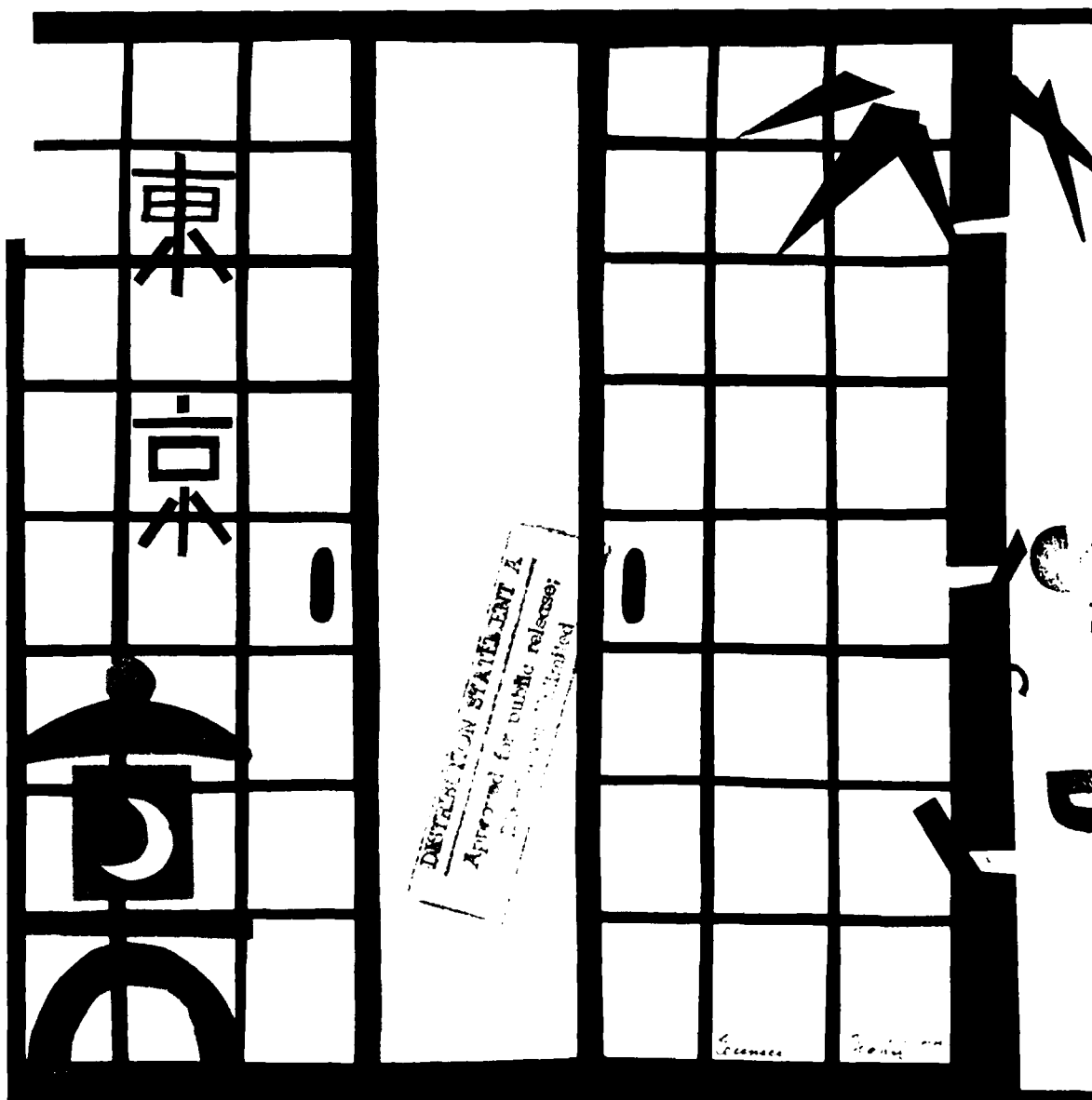
SCIENTIFIC MONOGRAPH



DEPARTMENT OF THE NAVY OFFICE OF NAVAL RESEARCH TOKYO

JAPANESE RESEARCH INSTITUTES
FUNDED BY MINISTRIES OTHER THAN EDUCATION
COMPILED BY SEIKOH SAKIYAMA

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- ONR-38 An Overview of Material Science and Engineering in Japan, by George Sandoz, ONR Branch Office, Chicago, Illinois, December 1977 (Reprinted in 1980)
- ONRT M2 Japanese Research Institutes Funded by The Ministry of Education, compiled by Seikoh Sakiyama, Office of Naval Research, Tokyo, January 1980
- ONRT M3 Research on the Multiple-Choice Test Item in Japan: Toward the Validation of Mathematical Models, by Fumiko Samejima, University of Tennessee, April 1980
- ONRT M4 Japanese Research Institutes Funded by Ministries Other Than Education, compiled by Seikoh Sakiyama, Office of Naval Research, Tokyo, January 1981

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- ONR-28 Superconducting Technology in Japan, by Richard G. Brandt, ONR Branch Office, Pasadena, California, June 1971
- ONR-32 A Review of Some Psychological Research In Japan, by Morton A. Bertin, ONR Branch Office, Chicago, Illinois, November 1972
- ONR-34 Computer Science in Japan, by Richard L. Lau, ONR Branch Office, Pasadena, California, June 1973
- ONR-36 Chemical Science in Japan, by Arnet S. Powell, ONR Branch Office, Boston, Massachusetts, March, 1973

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by the Ministry of Education has recently been published by the Japan Society for Promotion of Science). Copies of that volume are still available from this office. The present volume completes the series and lists research institutes funded by other ministries of the Japanese government.

In this volume, the name, address, and telephone number of 159 institutes are given. Explanatory notes are added where the specialty of the laboratory is more restricted than indicated by its name, where the name might be open to misinterpretation, or where the laboratory covers more than one specialty.

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PREFACE

A major difficulty faced by visitors to Japan, and those trying to contact Japanese scientists, is the lack of a comprehensive listing of investigators and laboratories. An attempt to satisfy this need was begun earlier with a predecessor volume, "Japanese Research Institutes Funded by the Ministry of Education," by Seikoh Sakiyama, which was published as ONR Tokyo Scientific Monograph M2 (a similar listing of research institutes funded by the Ministry of Education has recently been published by the Japan Society for Promotion of Science). Copies of that volume are still available from this office. The present volume completes the series and lists research institutes funded by other ministries of the Japanese government.

In this volume, the name, address, and telephone number of 159 institutes are given. Explanatory notes are added where the specialty of the laboratory is more restricted than indicated by its name, where the name might be open to misinterpretation, or where the laboratory covers more than one specialty.

Japanese addresses are usually written in Chinese characters in the order: zip code, province, town, borough, etc. The transliteration, and expression in an order understandable to both American writers and Japanese postmen, is a non-uniform practice. The addresses are listed in this monograph, wherever possible, in the following order: go, ban, cho, chome, shi, ken, zip code.

The size of each laboratory, in terms of staff and budget, is given for three fiscal years, 1976 - 1978, where available. (Please note that the Japanese fiscal year runs from 1 April to 31 March.) In order to convert from yen to dollars, the following exchange rates existed on 1 April of each year:

1976	\$1 = 299.70
1977	\$1 = 277.50
1978	\$1 = 221.35
1979	\$1 = 209.30
1980	\$1 = 251.00.

The 1980 budget figures indicate that half of the government support for research is controlled by the Ministry of Education, while the other half is controlled by other ministries. The two volumes in this series, therefore, cover equal amounts of money, and the laboratories described this volume tend to be larger than those described in the previous volume. The format of the previous volume has been used despite the fact that data are not as easily available for the larger laboratories included in this volume. Even a single manpower or expenditure figure will give the visitor an idea of the size of the laboratory.

We hope that this listing will be useful to those who are trying to identify and contact Japanese scientists.

RUDOLPH J. MARCUS
Scientific Director
ONR Tokyo

November, 1980

TABLE OF CONTENTS

I. INSTITUTES CONTROLLED BY PRIME MINISTER'S OFFICE

	Page. No.
National Research Institute of Police Science	1
Civil Engineering Research Institute	1
Construction Machinery Plant	2
Technical Research and Development Institute	2
Aeromedical Laboratory	3
National Defense College	3
Air Proving Wing	3
Economic Research Institute	4
National Institute for Environmental Studies	4
National Aerospace Laboratory	5
National Research Institute for Metals	5
National Institute of Resources	6
National Institute of Radiological Science	6
National Research Center for Disaster Prevention	7
National Institute for Research in Inorganic Metals	8

II. INSTITUTE CONTROLLED BY MINISTRY OF JUSTICE

Research and Training Institute	9
---------------------------------	---

**III. INSTITUTES CONTROLLED BY
MINISTRY OF FINANCE**

Central Customs Laboratory	10
Research Institute of Printing Bureau	10
National Research Institute of Brewing	10

**IV. INSTITUTES CONTROLLED BY
MINISTRY OF HEALTH AND WELFARE**

Institute of Population Problems	11
Institute of Public Health (IPH)	11
National Institute of Mental Health	12
National Institute of Nutrition	12
National Institute of Health	12
National Institute of Hospital Administration	13
National Institute for Leprosy Research	13
National Cancer Center Research Institute	14
National Institute of Hygienic Sciences	15

**V. INSTITUTES CONTROLLED BY
MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES**

National Institute of Agricultural Science	16
Central Agricultural Experiment Station	16
National Institute of Animal Husbandry	17
National Grassland Research Institute	17

	Page No.
Fruit Tree Research Station	18
Vegetable and Ornamental Crops Research Station	18
National Research Institute of Tea	19
National Research Institute of Agricultural Engineering	19
Hokkaido National Agricultural Experiment Station	20
Tohoku National Agricultural Experiment Station	20
Hokuriku National Agricultural Experiment Station	21
Chugoku National Agricultural Experiment Station	21
Shikoku National Agricultural Experiment Station	22
Kyushu Agricultural Experiment Station	22
National Research Institute of Agricultural Economics	23
Sericultural Experiment Station	23
National Institute of Animal Health	24
National Food Reserch Institute	25
Institute for Plant Virus Research	25
Tropical Agriculture Research Center	25
Forestry and Forest Products Research Institute	26
Agricultural Chemical Inspection Station	26
Yokohama Silk Conditioning House	27
Kobe Silk Conditioning House	27
National Veterinary Assay Laboratory	27
Yokohama Plant Protection Station	28
Kobe Plant Protection Station	28
Moji Plant Protection Station	28
National Hokkaido-chuo Potato Foundation Stock Seed Farm	29
Iburi Potato Foundation Seed Farm	29

	Page No.
Shiribeshi Potato Foundation Stock Seed Farm	29
Tokachi Potato Foundation Stock Seed Farm	30
Tsumagoi Potato Foundation Stock Seed Farm	30
Yatsugatake Potato Foundation Stock Seed Farm	30
Unzen Potato Foundation Stock Seed Farm	31
National Kagoshima Sugarcane Foundation Seed Farm	31
Kanaya Tea Stock Seed Farm	31
Nara Tea Stock Seed Farm	32
Chiran Reproduction of Tea Seed Farm	32
National Hokkaido Forest Tree Breeding Station	32
Tohoku Forest Tree Breeding Institute	33
Kanto Forest Tree Breeding Institute	33
Kansai Forest Tree Breeding Station	33
Kyushu Forest Tree Breeding Station	34
Tokachi National Livestock Breeding Station	34
Niikappu National Livestock Breeding Station	34
Hidaka Livestock Breeding Station	35
Ohu National Livestock Breeding Station	35
Iwate National Livestock Breeding Station	35
Fukushima National Livestock Breeding Station	36
Shirakawa National Livestock Breeding Station	36
Nagano National Livestock Breeding Station	36
Okazaki National Poultry Breeding Station	37
Hyogo National Livestock Breeding Station	37
Tottori Livestock Breeding Station	37
Chuhgoku Livestock Breeding Station	37

	Page No.
Kumamoto Livestock Breeding Station	38
Miyazaki Livestock Breeding Station	38
Hokkaido Regional Fisheries Research Laboratory	38
Tohoku Regional Fisheries Research Laboratory	39
Tokai Regional Fisheries Research Laboratory	39
Nansei Regional Fisheries Research Laboratory	39
Seikai Regional Fisheries Research Laboratory	40
Japan Sea Regional Fisheries Research Laboratory	40
Freshwater Fisheries Research Laboratory	40
Ocean Fisheries Research Laboratory	41
Pearl Research Laboratory	41
Hokkaido Salmon Hatchery	41

VI. INSTITUTES CONTROLLED BY
AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY,
MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

National Research Laboratory of Metrology	42
Mechanical Engineering Laboratory	42
Fermentation Research Institute	43
Research Institute for Polymers and Textiles	43
Geological Survey of Japan	44
Electrotechnical Laboratory	45
Industrial Products Research Institute	45
National Research Institute for Pollution and Resources	46
National Chemical Laboratory for Industry	46
Government Industrial Research Institute, Osaka	47

	Page No.
Government Industrial Research Institute, Nagoya	47
Government Industrial Development Laboratory, Hokkaido	48
Government Industrial Research Institute, Kyushu	48
Government Industrial Research Institute, Shikoku	49
Government Industrial Research Institute, Tohoku	49

VII. INSTITUTES CONTROLLED BY
MINISTRY OF TRANSPORT

Ship Research Institute	51
Electronic Navigation Research Institute	51
Port and Harbour Research Institute	52
Traffic Safety and Nuisance Research Institute	52
Magnetic Observatory	52
Seismological Observatory, Japan Meteorological Agency	53
Institute for Sea Training, Ministry of Transport	53
Civil Aviation College	54
Maritime Safety Agency Research Center	54
Meteorological Research Institute	55
Aerological Observatory	55
Meteorological College	56
Meteorological Instrument Plant	56

VIII. INSTITUTES CONTROLLED BY
MINISTRY OF POST AND TELECOMMUNICATIONS

The Medical Laboratory, Health Division	57
Radio Research Laboratories	58

IX. INSTITUTES CONTROLLED BY
MINISTRY OF LABOR

Research Institute of Industrial Safety	59
National Institute of Industrial Health	59

X. INSTITUTES CONTROLLED BY
MINISTRY OF CONSTRUCTION

Geographical Survey Institute	60
Public Works Research Institute	61
Building Research Institute	62

XI. INSTITUTE CONTROLLED BY
MINISTRY OF HOME AFFAIRS

Fire Research Institute	63
-------------------------	----

XII. SEMI-GOVERNMENT RESEARCH ORGANIZATIONS

Electrical Communication Laboratory	64
Power Reactor and Nuclear Fuel Development Corporation	65

	Page No.
Japan Atomic Energy Research Institute	65
Japan Electric Meters Inspection Corporation	66
National Space Development Agency of Japan	67
Railway Technical Research Institute	68
The Institute of Physical and Chemical Research	69
NHK Technical Research Laboratories	70
Central Research Institute, The Japan Tobacco and Salt Public Corporation	71
Institute of Kokusai Denshin Denwa Co., Ltd.	72
Japan Marine Science and Technology Center	72
Japan Nuclear Ship Development Agency	73
National Consumer Information Center	73
Institute of Agricultural Machinery	73
The Laboratory of Nihon Doro Kodan	74
Railway Labor Science Research Institute	74
Civil Engineering Laboratory	74
Research Institute of Capital Formation	75
Technology Research Center	75
Equine Health Laboratory, Japan Racing Association	75
National Institute of Vocational Research	76
NHK Broadcasting Science Research Laboratory	76
Japan Housing Corporation General Research Laboratory	76
Water Resources Development Public Corporation Laboratory	77
The Social Development Research Institute	77
The Shipbuilding Research Center, Oil Spill Prevention Institute	77

I. INSTITUTES CONTROLLED BY
PRIME MINISTER'S OFFICE

Name : National Research Institute of Police Science (NIPS)
National Police Agency
Location : 6, Sanban-cho, Chiyoda-ku, Tokyo 102
Telephone : 03-261-9986

	1976	1977	1978
Manpower :	-	105	106
Expenditure :	¥ -	¥ 639,140,000	¥ 659,770,000

Note : Organized into the following divisions :

1st forensic science division
2nd forensic science division
Crime prevention and juvenile division
Traffic division

Name : Civil Engineering Research Institute
Hokkaido Development Agency
Location : Hiragishi 1-jo 3-chome, Toyohira-ku, Sapporo, Hokkaido 062
Telephone : 011-841-1111

	1976	1977	1978
Manpower :	-	243	238
Expenditure :	¥ -	¥ 1,707,750,000	¥ 2,012,270,000

Note : Organized into following divisions :

1st division (river hydraulics and hydrology, harbor and coastal hydraulics, applied physics and chemistry)
2nd division (structures, concrete, and engineering materials, foundation engineering)
3rd division (traffic engineering, pavement, soil mechanics)
4th division (soil conservation and amelioration, agricultural engineering, geology, and rock mechanics)

Name : Construction Machinery Plant
Hokkaido Development Agency
Location : Tsukisamu-Higashi 2-jo, 8-chome, Toyohira-ku, Sapporo,
Hokkaido 062
Telephone : 011-851-4111

	1976	1977	1978
Manpower :	-	-	347
Expenditure :	¥ -	¥ 2,175,110,000	¥ 2,223,660,000

Name : Technical Research and Development Institute
Japan Defense Agency
Location : 2-24, Ikejiri 1-chome, Setagaya-ku, Tokyo 154
Telephone : 03-411-0151

	1976	1977	1978
Manpower :	-	-	1,231
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- 1st laboratory (materials)
- 2nd laboratory (food, clothes, and medicine)
- 3rd laboratory (aircraft and weapons)
- 4th laboratory (vehicles)
- 5th laboratory (acoustics)
- Sapporo laboratory (environmental materials)
- Shimokita laboratory (weapons)
- Tsuchiura laboratory (weapons)
- Niijima laboratory (rockets)
- Gifu laboratory (aircraft)

Name : Aeromedical Laboratory, Japan Air Self Defense Force
 Location : 2-10, Sakae-cho, Tachikawa, Tokyo 190
 Telephone : 0425-24-4131

	1976	1977	1978
Manpower :	-	-	86
Expenditure :	¥ -	¥ -	¥ -

Name : National Defense College
 Location : 2-1, Nakameguro 2-chome, Meguro-ku, Tokyo 153
 Telephone : 03-713-6111

	1976	1977	1978
Manpower :	-	-	about 70
Expenditure :	¥ -	¥ -	¥ -

Name : Air Proving Wing, Japan Air Self Defense Force
 Location : Naka-cho, Kagamihara, Gifu 504
 Telephone : 0583-82-1101

	1976	1977	1978
Manpower :	-	-	522
Expenditure :	¥ -	¥ -	¥ -

Note :

- Test and evaluation of armed aircraft
- Basic study of equipment operation
- Cooperative research with the Technical Research and Development institute
- Cooperative quality testing with procurement office
- Training of pilots

Name : Economic Research Institute, Economic Planning Agency
 Location : 1-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100
 Telephone : 03-581-1017

	1976	1977	1978
Manpower :	-	-	about 35
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute for Environmental Studies (NIES),
 Environment Agency
 Location : P.O. Yatabe, Tsukuba, Ibaraki 300-12
 Telephone : 0298-51-1681

	1976	1977	1978
Manpower :	-	203	203
Expenditure :	¥ -	¥ 2,650,520,000	¥ 3,172,900,000

Note : Organized into the following divisions :

- Environmental information division
- Systems analysis and planning division
- Chemistry and physics division
- Atmospheric environment division
- Water and soil environment division
- Environmental health sciences division
- Environmental biology division

Name : National Aerospace Laboratory, Science and Technology Agency
 Location : 1880 Jindaiji-cho, Chofu, Tokyo 180
 Telephone : 0422-47-5911

	1976	1977	1978
Manpower :	-	482	482
Expenditure :	¥ -	¥ 4,316,060,000	¥ 4,695,820,000

Note : Organized into the following divisions :

- 1st aerodynamics division
- 2nd aerodynamics division
- 1st airframe division
- 2nd airframe division
- Aeroengine division
- Instrumentation and control division
- Flight research division
- V/STOL aircraft research group
- Aircraft noise and emission research group
- Space technology research group
- Computer center
- Kakuda branch

Name : National Research Institute for Metals
 Science and Technology Agency
 Location : 3-12, Nakameguro 2-chome, Meguro-ku, Tokyo 153
 Telephone : 03-719-2271

	1976	1977	1978
Manpower :	-	473	473
Expenditure :	¥ -	¥ 3,367,710,000	¥ 3,865,710,000

Note : Organized into the following divisions :

- Materials development group I
 - Metal physics division
 - Ferrous materials division
 - Nonferrous materials division
- Materials development group II
 - Electronic materials division
 - Nuclear materials division
 - High strength materials division

Process metallurgy group
 Process development division
 Process metallurgy division
 Metallurgical chemistry division
 Metal processing group
 Metal processing division
 Welding division
 Corrosion division
 Material strength group
 Creep testing division
 Fatigue testing division
 Material strength division

Name : National Institute of Resources, Science and Technology Agency
 Location : 2-1, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100
 Telephone : 03-581-5271

	1976	1977	1978
Manpower :	-	-	46
Expenditure :	¥ -	¥ 256,690,000	¥ 267,860,000

Name : National Institute of Radiological Science (NIRS)
 Science and Technology Agency
 Location : 9-1, Anagawa 4-chome, Chiba, Chiba 280
 Telephone : 0472-51-2111

	1976	1977	1978
Manpower :	-	419	419
Expenditure :	¥ -	¥ 2,912,400,000	¥ 3,368,700,000

Note : Organized into the following divisions :

Physics division
 Chemistry division
 Biology division
 Genetics division
 Physiology and pathology division
 Radiation hazards division
 Pharmaceutical sciences division
 Environmental health division
 Clinical research division
 Radiation health division

Training school
 Hospital
 Nakaminato laboratory
 Radioecology division
 Marine radioecology division

Name : National Research Center for Disaster Prevention
 Science and Technology Agency
 Location : Tennodai, Sakura-mura, Niihari-gun, Ibaraki 300-32
 Telephone : 0298-51-1611

	1976	1977	1978
Manpower :	-	115	115
Expenditure :	¥ -	¥ 1,487,870,000	¥ 1,716,500,000

Note : Organized into the following divisions :

1st division
 Disaster analysis laboratory
 Storm and flood laboratory
 Climatic anomaly laboratory
 2nd division
 Principal research office
 Earthquake prediction technology laboratory
 Seismicity laboratory
 Crustal movement laboratory
 Earthquake and groundwater laboratory
 Earthquake laboratory
 Earthquake engineering laboratory
 3rd division
 Landslide laboratory
 Rainfall laboratory
 4th division
 Instrumentation laboratory
 Information processing laboratory
 Institute of snow and ice studies
 Coastal disaster laboratory (Hiratsuka branch)
 Snow disaster laboratory (Shinjo branch)

Name : National Institute for Research in Inorganic Metals (NIRIM)
 Science and Technology Agency
 Location : 1-1, Namiki, Sakura-mura, Niihari-gun, Ibaraki 300-31
 Telephone : 0298-51-3351

	1976	1977	1978
Manpower :	-	170	170
Expenditure :	¥ -	¥ 1,183,500,000	¥ 1,291,840,000

Note : Organized into the following divisions :

- 1st group (double magnesium oxides)
- 2nd group (double titanium sulfides)
- 3rd group (metal silicon oxynitrides)
- 4th group (stannic oxide)
- 5th group (potassium tantalate-niobate)
- 6th group (boron nitride)
- 7th group (titanium oxide)
- 8th group (diamond)
- 9th group (alumino-silicate glass)
- 10th group (compound bismuth oxides)
- 11th group (germanates)
- 12th group (zirconium carbide)
- 13th group (barium aluminate)
- 14th group (rhenium oxide)
- 15th group (calcium sulfate phosphate)
- High-pressure research station

II. INSTITUTE CONTROLLED BY
MINISTRY OF JUSTICE

Name : Research and Training Institute
Location : 1-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100
Telephone : 03-580-4111

	1976	1977	1978
Manpower :	-	95	114
Expenditure :	¥ -	¥ 147,470,000	¥ 163,980,000

Note : Organized into the following divisions :

- Criminological research department
 - 1st division (basic research)
 - 2nd division (practical research)
- U.N. training co-operation department
 - U.N. Asia and Far East institute for the Prevention of crime and treatment of offenders

III. INSTITUTES CONTROLLED BY
MINISTRY OF FINANCE

Name : Central Customs Laboratory
Location : 531, Iwase, Matsudo, Chiba 271
Telephone : 0473-63-4211

	1976	1977	1978
Manpower :	-	19	16
Expenditure :	¥ -	¥ 66,000,000	¥ -

Name : Research Institute of Printing Bureau
Location : 6-1, Oji 1-chome, Kita-ku, Tokyo 114
Telephone : 03-913-7211

	1976	1977	1978
Manpower :	-	84	86
Expenditure :	¥ -	¥ 522,180,000	¥ 592,410,000

Name : National Research Institute of Brewing
Location : 6-30, Takinogawa 2-chome, Kita-ku, Tokyo 114
Telephone : 03-910-6235

	1976	1977	1978
Manpower :	-	38	40
Expenditure :	¥ -	¥ 272,510,000	¥ 319,350,000

IV. INSTITUTES CONTROLLED BY
MINISTRY OF HEALTH AND WELFARE

Name : Institute of Population Problems
Location : 2-2, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100
Telephone : 03-591-4816 - 9

	1976	1977	1978
Manpower :	-	42	-
Expenditure :	¥ -	¥ -	¥ -

Note : Demographics

Name : Institute of Public Health (IPH)
Location : 6-1, Shirokane-dai 4-chome, Minato-ku, Tokyo 108
Telephone : 03-441-7111

	1976	1977	1978
Manpower :	-	202	200
Expenditure :	¥ -	¥ 1,119,120,000	¥ 1,185,820,000

Note : Organized into the following divisions :

Statistics department
Demography department
Physiological hygiene department
Nutrition and biochemistry department
Epidemiology department
Microbiology department
Sanitary engineering department
Architectural hygiene and housing department
Pharmaceutical department
Veterinary department
Maternal and child health department
Industrial health department
Public health practice department
Nursing department
Radiological health department
Community environmental sciences department

Name : National Institute of Mental Health
 Location : 7-3, Konodai 1-chome, Ichikawa, Chiba 272
 Telephone : 0473-72-0141

	1976	1977	1978
Manpower :	-	44	-
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute of Nutrition
 Location : 1, Toyama-cho, Shinjuku-ku, Tokyo 162
 Telephone : 03-203-5721

	1976	1977	1978
Manpower :	-	55	-
Expenditure :	¥ -	¥ 357,570,000	¥ -

Name : National Institute of Health
 Location : 10-35, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141
 Telephone : 03-444-2181

	1976	1977	1978
Manpower :	-	480	481
Expenditure :	¥ -	¥ 2,788,110,000	¥ 3,332,790,000

Note : Organized into the following divisions :

1st bacteriology department
 2nd bacteriology department
 Virology and rickettsiology department
 Enterovirus department

Measles virus department
 Control virus diagnostic laboratory
 Tuberculosis department
 General biologics control
 Antibiotics department
 Parasitology department
 Medical entomology department
 Veterinary sciences department
 Special diet department
 Pathology department
 Chemistry department
 Dental department
 Technological laboratory

Name : National Institute of Hospital Administration
 Location : 1, Toyama-cho, Shinjuku-ku, Tokyo 162
 Telephone : 03-203-5327

	1976	1977	1978
Manpower :	-	23	25
Expenditure :	¥ -	¥ 111,320,000	¥ 123,310,000

Name : National Institute for Leprosy Research
 Location : 2-1, Aoba-cho 4-chome, Higashimurayama, Tokyo 189
 Telephone : 0423-91-8211

	1976	1977	1978
Manpower :	-	34	40
Expenditure :	¥ -	¥ 329,790,000	¥ 243,600,000

Name : National Cancer Center Research Institute
Location : 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104
Telephone : 03-542-2511

	1976	1977	1978
Manpower :	-	123	123
Expenditure :	¥ -	¥ 799,780,000	¥ 876,750,000

Note : Organized into the following divisions :

Biochemistry division
Pathology division
Biology division
Chemotherapy division
Pharmacology division
Biophysics division
Radiobiology division
Virology division
Serology division
Endocrinology division
Epidemiology division
Mass-screening division
Laboratory for experimental animals

Name : National Institute of Hygienic Sciences
 Location : 18-1, Kamiyoga 1-chome, Setagaya-ku Tokyo 158
 Telephone : 03-700-1141

	1976	1977	1978
Manpower :	-	312	290
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- Synthetic chemistry division
- Drug division
- Biological chemistry and reference standards division
- Radiochemistry division
- Pharmacognosy and phytochemistry division
- Medical supplies division
- Environmental chemistry division
- Food division
- Food additives division
- Microbiology division
- Medical chemistry division
- Biological safety research division
- Toxicology division
- Pharmacology division
- Pathology division
- Library division
- Osaka Branch
 - Drugs division
 - Foods division
 - Pharmacology and microbiology division
- Experimental stations (natural products)
 at Hokkaido, Kasukabe, Izu, Wakayama, and Tanegashima

V. INSTITUTES CONTROLLED BY
MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES

Name : National Institute of Agricultural Science
Location : 3-1-1, Yatabe-cho, Kannondai, Tsukuba-gun, Ibaraki 300-21
Telephone : 02975-6-8481

	1976	1977	1978
Manpower :	-	422	397
Expenditure :	¥ -	¥ 2,375,170,000	¥ 2,902,570,000

Note : Organized into the following divisions :

Physics and statistics department
Soil and fertilizer department
Plant pathology and entomology department
Physiology and genetics department
Farm management and land utilization department
Radiation treatment institute

Name : Central Agricultural Experiment Station
Location : 1227, Konosu, Saitama 365
Telephone : 0485-41-1231

	1976	1977	1978
Manpower :	-	240	240
Expenditure :	¥ -	¥ 1,080,710,000	¥ 1,175,920,000

Note: (1) Will move to same location as National Institute of Agricultural Science in Tsukuba soon.
(2) Organized into the following divisions :
Research planning and coordination division
Crop division
Upland farming division
Environment division
Farm operation division
Farm management division

Name : National Institute of Animal Husbandry
 Location : 2, Kukisaki-mura Ikenodai, Inashiki-gun, Ibaraki 300-12
 Telephone : 02975-6-8582

	1976	1977	1978
Manpower :	-	236	234
Expenditure :	¥ -	¥ 1,112,440,000	¥ 1,159,200,000

Note : Organized into the following divisions :

Research planning and coordination division
 Genetics division
 Reproduction division
 Physiology division
 Nutrition division
 Feeding and management division
 Products division

Name : National Grassland Research Institute
 Location : 768, Nishinasuno-cho, Nasu-gun, Tochigi 329-27
 Telephone : 02873-6-0111

	1976	1977	1978
Manpower :	-	231	231
Expenditure :	¥ -	¥ 1,187,800,000	¥ 1,255,980,000

Note : Organized into the following divisions :

Research planning and coordination division
 Grassland planning division
 Ecology division
 Pasture plant division
 Environment division
 Animal science division
 Grassland engineering division
 Alpine region branch

Name : Fruit Tree Research Station
 Location : 2-1, Fujimoto, Yatabe, Ibaraki 254
 Telephone : 02975-6-6450

	1976	1977	1978
Manpower :	-	230	234
Expenditure :	¥ -	¥ 807,860,000	¥ 1,559,920,000

Note : Organized into the following divisions :

Research planning and coordination division
 Fruit breeding division
 Pomology division
 Plant protection division
 Four branch stations:
 Morioka branch
 Okitsu branch
 Akitsu branch
 Kuchinotsu branch

Name : Vegetable and Ornamental Crops Research Station
 Location : 670, Ishinden-Ogoso, Tsu, Mie 514-01
 Telephone : 0592-32-3531

	1976	1977	1978
Manpower :	-	218	163
Expenditure :	¥ -	¥ 1,504,190,000	¥ 991,580,000

Note : Organized into the following divisions :

Research planning and coordination division
 Plant breeding division
 Cultivation and plant physiology division
 Plant protection and environment division
 Greenhouse cultivation division
 Morioka branch station
 Kurume branch station

Name : National Research Institute of Tea
 Location : 2769, Kanaya-machi, Shizuoka, Shizuoka 428
 Telephone : 05474-5-4101

	1976	1977	1978
Manpower :	-	100	77
Expenditure :	¥ -	¥ 490,490,000	¥ 529,480,000

Name : National Research Institute of Agricultural Engineering
 Location : 2-1-2, Kannondai, Yatabe, Tsukuba-gun, Ibaraki 300-21
 Telephone : 02975-6-7504

	1976	1977	1978
Manpower :	-	128	110
Expenditure :	¥ -	¥ 1,085,710,000	¥ 1,297,250,000

Note : Organized into the following divisions :

- Research planning and coordination department
- Water management department
- Land improvement department
- Hydraulic engineering department
- Construction engineering department
- Saga branch

Name : Hokkaido National Agricultural Experiment Station
 Location : 1, Hitsuzigaoka, Sapporo, Hokkaido 061-01
 Telephone : 011-851-9141

	1976	1977	1978
Manpower :	-	446	441
Expenditure :	¥ -	¥ 2,487,290,000	¥ 2,618,520,000

Note : Organized into the following divisions :

Research planning and coordination division
 1st crop division
 2nd crop division
 Sugar beet division
 Upland farming division
 Agricultural chemistry division
 Agricultural physics division
 Plant disease and insect division
 Livestock division
 1st grassland development division
 2nd grassland development division
 Farm management division

Name : Tohoku National Agricultural Experiment Station
 Location : 4, Akahira, Shimo-kuriyagawa, Morioka, Iwate 020-01
 Telephone : 0196-47-2145

	1976	1977	1978
Manpower :	-	359	356
Expenditure :	¥ -	¥ 1,580,170,000	¥ 1,630,440,000

Note : Organized into the following divisions :

Research planning and coordination division
 1st agronomy division
 2nd agronomy division
 Environment division
 Livestock division
 Grassland division
 Farm mechanization division
 Farm management division

Name : Hokuriku National Agricultural Experiment Station
 Location : Inada, Joetsu, Niigata 943-01
 Telephone : 0255-23-4131

	1976	1977	1978
Manpower :	-	121	120
Expenditure :	¥ -	¥ 610,400,000	¥ 687,930,000

Note : Organized into the following divisions :

Research planning and coordination division
 Crop division
 Environment division

Name : Chugoku National Agricultural Experiment Station
 Location : 450, Nishifukatsu-cho, Fukuyama, Hiroshima 720
 Telephone : 0849-23-4100

	1976	1977	1978
Manpower :	-	207	206
Expenditure :	¥ -	¥ 923,420,000	¥ 1,033,610,000

Note : Organized into the following divisions :

Research planning and coordination division
 Crop division
 Environment division
 Livestock division
 Farm management division

Name : Shikoku National Agricultural Experiment Station
 Location : 3, Zentsuji-cho, Zentsuji, Kagawa 765
 Telephone : 08776-2-0800

	1976	1977	1978
Manpower :	-	130	129
Expenditure :	¥ -	¥ 567,540,000	¥ 599,320,000

Note : Organized into the following divisions :

Research planning and coordination division
 Agronomy division
 Land utilization division

Name : Kyushu Agricultural Experiment Station
 Location : 496, Izumi, Chikugo, Fukuoka 833
 Telephone : 09425-2-3101

	1976	1977	1978
Manpower :	-	326	316
Expenditure :	¥ -	¥ 1,634,270,000	¥ 1,705,190,000

Note : Organized into the following divisions :

Research planning and coordination division
 Lowland crops research division
 Upland crops research division
 Plant pathology, entomology, and agrometeorology division
 Soils and plant nutrition division
 Animal husbandry research division
 Grassland research division
 Farm management division
 Upland farming research division

Name : National Research Institute of Agricultural Economics
 Location : 2-1, Nishigahara 2-chome, Kita-ku, Tokyo 114
 Telephone : 03-910-3946

	1976	1977	1978
Manpower :	-	98	93
Expenditure :	¥ -	¥ -	¥ -

Name : Sericultural Experiment Station
 Location : 1-2, Yatabe-cho Ohwashi, Tsukuba-gun, Ibaraki 300-21
 Telephone : 02975-6-6026

	1976	1977	1978
Manpower :	-	594	598
Expenditure :	¥ -	¥ 3,095,270,000	¥ 3,317,660,000

Note : Organized into the following divisions :

- Research planning and coordination division
- Mulberry tree culture division
- Silkworm physiology division
- Silkworm breeding division
- Sericulture division
- Pathology and entomology division
- Spinning division
- Silk fiber division
- Chemistry division
- Tohoku branch station
- Chubu branch station
- Kansai branch station
- Kyushu branch station
- Shinjo silkworm-egg experiment station
- Miyazaki silkworm-egg experiment station
- Okaya spinning experiment station

Name : National Institute of Animal Health (NIAH)
 Location : 3-1-1, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21
 Telephone : 02975-6-7713

	1976	1977	1978
Manpower :	-	360	213
Expenditure :	¥ -	¥ 1,280,000,000	¥ 1,374,000,000

Note : Organized into the following divisions :

- Research planning and coordination division
- 1st division (bacterial and parasitic diseases)
- 2nd division (acute viral diseases and epizootiological survey)
- 3rd division (reproductive diseases and pathology)
- 4th division (biochemistry, biophysics, toxicology, and environmental physiology)
- Feed safety research division
- Equine infections and animal research division
- Biological products research division
- Hokkaido branch laboratory (diseases of dairy cattle and horses)
- Tohoku branch laboratory (diseases of beef cattle and sanitation in grazing and pasturing)
- Hokuriku branch laboratory (clinical diseases of cattle, and sanitation in grazing and pasturing)
- Kyushu branch laboratory (parasitic diseases of beef cattle)
- Poultry disease laboratory

Name : National Food Reserch Institute
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21
 Telephone : 02975-6-7971

	1976	1977	1978
Manpower :	-	138	138
Expenditure :	¥ -	¥ 907,300,000	¥ 1,312,500,000

Note : Organized into the following divisions :

Research planning and coordination division
 Food science division
 Food science and nutrition division
 Food distribution division
 Utilization division
 Food protection and preservation division
 Applied microbiology division
 Food engineering division
 Shinjo branch

Name : Institute for Plant Virus Research
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21
 Telephone : 02975-6-7001

	1976	1977	1978
Manpower :	-	50	50
Expenditure :	¥ -	¥ -	¥ -

Name : Tropical Agriculture Research Center
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21
 Telephone : 09808-2-2306

	1976	1977	1978
Manpower :	-	94	94
Expenditure :	¥ -	¥ 923,100,000	¥ 972,490,000

Name : Forestry and Forest Products Research Institute
 Location : P.O. Box 2, Ushiku, Ibaraki 300-12
 Telephone : 02987-3-3211

	1976	1977	1978
Manpower :	-	775	-
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- Research coordinating division
- Forest management division
- Forest mechanization division
- Silviculture division
- Forest protection division
- Forest influences division
- Forest soils division
- Forest products chemistry division
- Wood technology division
- Kiso sub-branch station
- Asakawa experiment forest
- Hokkaido branch station
- Tohoku branch station
- Yamagata sub-branch station
- Kansai branch station
- Shikoku branch station
- Kyushu branch station

Name : Agricultural Chemical Inspection Station
 Location : 2-772, Suzuki-cho, Kodaira, Tokyo 187
 Telephone : 0423-83-2151

	1976	1977	1978
Manpower :	-	42	-
Expenditure :	¥ -	¥ -	¥ -

Name : Yokohama Silk Conditioning House
 Location : 5-57, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 231
 Telephone : 045-201-7431

	1976	1977	1978
Manpower :	-	-	291
Expenditure :	¥ -	¥ 95,450,000	¥ 105,440,000

Note : Organized into the following divisions :

Grading laboratory
 Mechanical testing laboratory
 Electrical testing laboratory
 Standards laboratory
 Chemical laboratory
 Products laboratory

Name : Kobe Silk Conditioning House
 Location : 1-4, Onohama-cho, Fukiai-ku, Kobe, Hyogo 651
 Telephone : 078-331-2741

	1976	1977	1978
Manpower :	-	-	249
Expenditure :	¥ -	¥ 973,620,000	¥ 1,065,750,000

Note : Organized into the following divisions :

Physics division
 Chemistry division

Name : National Veterinary Assay Laboratory
 Location : 15-1, Togura 1-chome, Kokubunji, Tokyo 185
 Telephone : 0423-21-1841

	1976	1977	1978
Manpower :	-	-	78
Expenditure :	¥ -	¥ 430,330,000	¥ 528,420,000

Name : Yokohama Plant Protection Station
 Location : 5-57, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 231
 Telephone : 045-211-2294

	1976	1977	1978
Manpower :	-	-	29
Expenditure :	¥ -	¥ 105,560,000	¥ 132,550,000

Name : Kobe Plant Protection Station
 Location : 1-4, Onohama-cho, Fukiai-ku, Kobe, Hyogo 651
 Telephone : 078-331-2385

	1976	1977	1978
Manpower :	-	-	177
Expenditure :	¥ -	¥ 633,550,000	¥ 656,860,000

Note : Organized into the following divisions :

Microbiology laboratory
 Biology laboratory

Name : Moji Plant Protection Station
 Location : 3-10, Nishikaigan 1-chome, Moji-ku, Kita-kyushu, Fukuoka 801
 Telephone : 093-321-1404

	1976	1977	1978
Manpower :	-	-	100
Expenditure :	¥ -	¥ 387,470,000	¥ 396,100,000

Note : Basic research on the relations between fruit flies and
 their surrounding temperature.
 Studies of the life of sclerotia in the soil.
 Pasteurizing effect of sclerotia under infrared heating.

Name : National Hokkaido-chuo Potato Foundation Stock Seed Farm
 Location : Nishinosato, Hiroshima-cho, Sapporo-gun, Hokkaido 061-11
 Telephone : 01137-5-3611

	1976	1977	1978
Manpower :	-	-	37
Expenditure :	¥ -	¥ 158,110,000	¥ 168,170,000

Name : Iburi Potato Foundation Seed Farm
 Location : Tomioka, Hayakita-cho, Yufutsu-gun, Hokkaido 059-14
 Telephone : 01452-2-2042

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ -	¥ -

Name : Shiribeshi Potato Foundation Stock Seed Farm
 Location : Mihama, Makkari-mura, Abuta-gun, Hokkaido 048-16
 Telephone : 013646-26

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Tokachi Potato Foundation Stock Seed Farm
 Location : Kofuku-cho, Obihiro, Hokkaido 089-12
 Telephone : 0155-64-5234

	1976	1977	1978
Manpower :	-	-	43
Expenditure :	¥ -	¥ -	¥ -

Name : Tsumagoi Potato Foundation Stock Seed Farm
 Location : Tashiro, Tsumagoi-mura, Azuma-gun, Gumma 377
 Telephone : 02799-8-0011

	1976	1977	1978
Manpower :	-	-	36
Expenditure :	¥ -	¥ 165,500,000	¥ 160,000,000

Name : Yatsugatake Potato Foundation Stock Seed Farm
 Location : 11401-1, Tamagawa, Chino, Nagano 391-01
 Telephone : 02667-4-2005

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ 150,000,000	¥ 160,000,000

Name : Unzen Potato Foundation Stock Seed Farm
 Location : Saigo, Mizuho-cho, Minami-takaki-gun, Nagasaki 869-12
 Telephone : 0957-77-0056

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : National Kagoshima Sugarcane Foundation Seed Farm
 Location : 5252-1, Nakatane-cho Yuku, Kumage-gun, Kagoshima 891-36
 Telephone : 09973-2-0321

	1976	1977	1978
Manpower :	-	-	14
Expenditure :	¥ -	¥ 65,570,000	¥ 71,060,000

Name : Kanaya Tea Stock Seed Farm
 Location : 3385-1, Kanaya, Kanaya-cho, Haibara-gun, Shizuoka 428
 Telephone : 05474-5-2788

	1976	1977	1978
Manpower :	-	-	5
Expenditure :	¥ -	¥ -	¥ -

Name : Nara Tea Stock Seed Farm
 Location : 503, Kitahata, Horen-cho, Nara 630
 Telephone : 0742-22-4997

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Chiran Reproduction of Tea Seed Farm
 Location : 17327, Kohri, Chiran-cho, Kawabe-gun, Kagoshima 897-03
 Telephone : 09938-3-2046

	1976	1977	1978
Manpower :	-	-	5
Expenditure :	¥ -	¥ 21,500,000	¥ 22,900,000

Name : National Hokkaido Forest Tree Breeding Station
 Location : 561, Nishinopporo, Ebetsu, Hokkaido 069-01
 Telephone : 01138-6-5087

	1976	1977	1978
Manpower :	-	-	28
Expenditure :	¥ -	¥ 158,380,000	¥ 135,710,000

Name : Tohoku Forest Tree Breeding Institute
 Location : 95, Ohsaki, Takizawa, Iwate-gun, Iwate 020-01
 Telephone : 0196-88-4517

	1976	1977	1978
Manpower :	-	-	24
Expenditure :	¥ -	¥ 141,680,000	¥ 122,240,000

Name : Kanto Forest Tree Breeding Institute
 Location : 978, Kasahara-cho, Mito, Ibaraki 310
 Telephone : 0292-43-1190

	1976	1977	1978
Manpower :	-	-	45
Expenditure :	¥ -	¥ 157,650,000	¥ 228,500,000

Name : Kansai Forest Tree Breeding Station
 Location : Uetsuki-naka, Katsuh-cho, Katsuta-gun, Okayama 709-43
 Telephone : 086838-5138

	1976	1977	1978
Manpower :	-	-	27
Expenditure :	¥ -	¥ 138,140,000	¥ 123,730,000

Name : Kyushu Forest Tree Breeding Station
 Location : 2321, Suya, Nishigoshi-cho, Kikuchi-gun, Kumamoto 861-11
 Telephone : 09624-2-3151

	1976	1977	1978
Manpower :	-	-	26
Expenditure :	¥ -	¥ 135,650,000	¥ 187,450,000

Name : Tokachi National Livestock Breeding Station
 Location : Otofuke, Otofuke-cho, Katoh-gun, Hokkaido 195
 Telephone : 01554-4-2131

	1976	1977	1978
Manpower :	-	-	175
Expenditure :	¥ -	¥ 777,040,000	¥ 781,740,000

Note : Organized into the following divisions :

Breeding laboratory
 Cattle laboratory
 Feed laboratory
 Health laboratory
 Seed laboratory
 Plant Genetics laboratory
 Management technology laboratory

Name : Niikappu National Livestock Breeding Station
 Location : Misono, Shizunai-cho, Shizunai-gun, Hokkaido 056-01
 Telephone : 01464-6-2011

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Hidaka Livestock Breeding Station
 Location : Nishicha, Urakawa-cho, Urakawa-gun, Hokkaido 057-01
 Telephone : 01462-8-1311

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Ohu National Livestock Breeding Station
 Location : 1, Tsurunokotai, Shichinohe-cho, Kamikita-gun, Aomori 039-25
 Telephone : 017662-3281

	1976	1977	1978
Manpower :	-	97	97
Expenditure :	¥ -	¥ 401,400,000	¥ -

Name : Iwate National Livestock Breeding Station
 Location : 72-1, Anakuchi, Shimokuriyagawa, Morioka, Iwate 020-01
 Telephone : 0196-47-2131

	1976	1977	1978
Manpower :	-	-	99
Expenditure :	¥ -	¥ 484,860,000	¥ 485,540,000

Name : Fukushima National Livestock Breeding Station
 Location : Odakura, Saigo-mura, Nishi-shirakawa-gun, Fukushima 961
 Telephone : 02482-5-2231

	1976	1977	1978
Manpower :	-	-	106
Expenditure :	¥ -	¥ 512,890,000	¥ 528,000,000

Note : Organized into the following divisions :
 Feed research laboratory
 Grass field development laboratory

Name : Shirakawa National Livestock Breeding Station
 Location : 1, Jusanbara, Shirakawa, Fukushima 961
 Telephone : 02482-4-0221

	1976	1977	1978
Manpower :	-	-	59
Expenditure :	¥ -	¥ 252,000,000	¥ 276,960,000

Name : Nagano National Livestock Breeding Station
 Location : 1889, Arakoda, Saku, Nagano 385
 Telephone : 02676-7-2501

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 237,200,000	¥ 284,000,000

Name : Okazaki National Poultry Breeding Station
 Location : 37-2, Gonsui, Hosokawa-cho, Okazaki, Aichi 444-21
 Telephone : 0564-45-2521

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 213,820,000	¥ 195,040,000

Name : Hyogo National Livestock Breeding Station
 Location : Haze, Itsusai-cho, Tatsuno, Hyogo 679-41
 Telephone : 07916-6-0801

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 198,210,000	¥ -

Name : Tottori Livestock Breeding Station
 Location : 14, Idekami, Akasaki-cho, Tohaku-gun, Tottori 689-25
 Telephone : 08585-5-1511

	1976	1977	1978
Manpower :	-	-	42
Expenditure :	¥ -	¥ 186,000,000	¥ 185,000,000

Name : Chuhgoku Livestock Breeding Station
 Location : Irino, Kawachi-cho, Kamo-gun, Hiroshima 729-15
 Telephone : 08243-7-1005

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ 155,830,000	¥ 165,120,000

Name : Kumamoto Livestock Breeding Station
 Location : 4372, Nishigoshi-cho Aioi, Kikuchi-gun, Kumamoto 861-11
 Telephone : 09624-2-0003

	1976	1977	1978
Manpower :	-	-	19
Expenditure :	¥ -	¥ 89,330,000	¥ 92,640,000

Name : Miyazaki Livestock Breeding Station
 Location : Hosono, Kobayashi, Miyazaki 886
 Telephone : 09842-2-3500

	1976	1977	1978
Manpower :	-	-	79
Expenditure :	¥ -	¥ 356,720,000	¥ 373,110,000

Name : Hokkaido Regional Fisheries Research Laboratory
 Location : 116, Katsurakoi, Kushiro, Hokkaido 085
 Telephone : 0154-91-9136

	1976	1977	1978
Manpower :	-	91	90
Expenditure :	¥ -	¥ 548,580,000	¥ -

Name : Tohoku Regional Fisheries Research Laboratory
 Location : 3-27, Shinhama, Shiogama, Miyagi 985
 Telephone : 02236-2-1191

	1976	1977	1978
Manpower :	-	73	44
Expenditure :	¥ -	¥ 292,590,000	¥ 317,320,000

Name : Tokai Regional Fisheries Research Laboratory
 Location : 5-1, Kachidoki 5-chome, Chuo-ku, Tokyo 104
 Telephone : 03-531-1221

	1976	1977	1978
Manpower :	-	181	181
Expenditure :	¥ -	¥ 1,267,270,000	¥ -

Note : Organized into the following divisions :

Research planning and coordination division
 Marine resources division
 Population dynamics and statistics division
 Oceanography division
 Fishing gear and method division
 Marine products utilization division
 Preservation division
 Biochemistry division
 Radioactivity division
 Marine propagation division
 Water quality division

Name : Nansei Regional Fisheries Research Laboratory
 Location : 7782-9, Ohno-cho Maruishi, Saiki-gun, Hiroshima 739-04
 Telephone : 08295-5-0666

	1976	1977	1978
Manpower :	-	81	80
Expenditure :	¥ -	¥ 511,740,000	¥ 500,000,000

Name : Seikai Regional Fisheries Research Laboratory
Location : 49, Kokubu-cho, Nagasaki, Nagasaki 850
Telephone : 0958-22-8158

	1976	1977	1978
Manpower :	-	83	84
Expenditure :	¥ -	¥ 472,080,000	¥ 492,990,000

Name : Japan Sea Regional Fisheries Research Laboratory
Location : 5939-22, Nishifunami-cho, Niigata, Niigata 951
Telephone : 0252-28-0451

	1976	1977	1978
Manpower :	-	53	53
Expenditure :	¥ -	¥ 295,410,000	¥ 278,140,000

Name : Freshwater Fisheries Research Laboratory
Location : 399, Miya, Hino, Tokyo 191
Telephone : 0425-82-0208

	1976	1977	1978
Manpower :	-	62	66
Expenditure :	¥ -	¥ 380,630,000	¥ 383,930,000

Name : Ocean Fisheries Research Laboratory
Location : 1000, Orido, Shimizu, Shizuoka 424
Telephone : 0543-34-0715

	1976	1977	1978
Manpower :	-	91	91
Expenditure :	¥ -	¥ 596,470,000	¥ 555,610,000

Note : Specializes in studies of fishing grounds far away from Japan.

Name : Pearl Research Laboratory
Location : Kashikojima, Ago-cho, Shima-gun, Mie 517-07
Telephone : 05994-3-1072

	1976	1977	1978
Manpower :	-	22	19
Expenditure :	¥ -	¥ 113,730,000	¥ 145,240,000

Name : Hokkaido Salmon Hatchery
Location : Nakanoshima 2-jo, 2-chome, Toyohira-ku, Sapporo, Hokkaido 062
Telephone : 011-822-2131

	1976	1977	1978
Manpower :	-	-	156
Expenditure :	¥ -	¥ 913,010,000	¥ 1,032,980,000

Note : Organized into the following divisions :

Ecology division
Environment division

VI. INSTITUTES CONTROLLED BY
AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY,
MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

Name : National Research Laboratory of Metrology
Agency of Industrial Science and Technology,
Ministry of International Trade and Industry (MITI)
Location : 1-1-4, Sakura-mura Umezono, Niihari-gun, Ibaraki 305
Telephone : 0298-54-4110

	1976	1977	1978
Manpower :	-	251	251
Expenditure :	¥ -	¥ 1,667,150,000	¥ 1,750,860,000

Note : Organized into the following divisions :

- 1st division (applied optics, engineering metrology, measurement system)
- 2nd division (thermometry, thermal measurement, quantum metrology)
- 3rd division (fluid metrology, mechanical metrology, composition measurement)
- 4th division (measuring instruments, testing, and inspection)

Name : Mechanical Engineering Laboratory
Agency of Industrial Science and Technology, MITI
Location : 1-2, Sakura-mura, Namiki, Niihari-gun, Ibaraki 305
Telephone : 0298-54-2501

	1976	1977	1978
Manpower :	-	320	320
Expenditure :	¥ -	¥ 2,272,400,000	¥ 2,438,340,000

Note : Organized into the following divisions :

- Basic engineering division
- Systems science division
- Machinery division
- Materials engineering division
- Production engineering division
- Automobile division

Name : Fermentation Research Institute
 Agency of Industrial Science and Technology, MITI
 Location : 1-1-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-54-6000

	1976	1977	1978
Manpower :	-	84	84
Expenditure :	¥ -	¥ 565,960,000	¥ 601,250,000

Name : Research Institute for Polymers and Textiles
 Agency of Industrial Science and Technology, MITI
 Location : 1-1-4, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-54-6203

	1976	1977	1978
Manpower :	-	136	136
Expenditure :	¥ -	¥ 1,028,980,000	¥ 1,092,920,000

Note : Organized into the following divisions :

- 1st division (biopolymers and bioengineering)
- 2nd division (polymer synthesis and chemical process)
- 3rd division (polymer physics and processing technology)
- 4th division (soft technology for polymer and textiles)

Name : Geological Survey of Japan
 Agency of Industrial Science and Technology, MITI
 Location : 1-1-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-54-3521

	1976	1977	1978
Manpower :	-	436	432
Expenditure :	¥ -	¥ 3,399,040,000	¥ 3,630,510,000

Note : Organized into the following divisions :

- Research planning office
- Geology department
- Marine geology department
- Environmental geology department
- Geothermal research department
- Mineral deposits department
- Fuel department
- Geophysics department
- Geochemistry and technical services department
- Hokkaido branch
- Tohoku office
- Nagoya office
- Osaka office
- Chugoku office
- Shikoku office
- Kyushu office

Name : Electrotechnical Laboratory (ETL)
 Agency of Industrial Science and Technology, MITI
 Location : 1-1-4, Sakura-mura Umezono, Niihari-gun, Ibaraki 305
 Telephone : 0298-54-5011

	1976	1977	1978
Manpower :	-	768	774
Expenditure :	¥ -	¥ 7,083,820,000	¥ 7,515,770,000

Note : Organized into the following divisions :

Fundamental science division
 Materials division
 Electronic device division
 Information science division
 Electronic computer division
 Computer science division
 Automatic control division
 Radio & opto-electronics division
 Quantum technology division
 Advanced technology division
 Energy division
 Standards & measurement division
 Osaka branch

Name : Industrial Products Research Institute
 Agency of Industrial Science and Technology, MITI
 Location : 1-1-4, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305-21
 Telephone : 0298-54-6640

	1976	1977	1978
Manpower :	-	149	148
Expenditure :	¥ -	¥ 441,540,000	¥ 1,064,790,000

Note : Organized into the following divisions :

Materials research division
 Production engineering division
 Human factors engineering division
 Products design division

Name : National Research Institute for Pollution and Resources,
 Agency of Industrial Science and Technology, MITI
 Location : 16-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-54-3022

	1976	1977	1978
Manpower :	-	390	384
Expenditure :	¥ -	¥ 3,200,780,000	¥ -

Note : Organized into the following divisions :

Coal and carbon division
 Hydrocarbon processing division
 Mineral processing division
 Mining and safety division
 Pollution diffusion division
 Air pollution control division
 Water pollution control division
 Combustion and combustion pollution control division
 Kyushu coal mine research center
 Hokkaido coal mine research center

Name : National Chemical Laboratory for Industry,
 Agency of Industrial Science and Technology, MITI
 Location : 1-1, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-54-4405

	1976	1977	1978
Manpower :	-	419	419
Expenditure :	¥ -	¥ 2,910,440,000	¥ 3,086,500,000

Note : Organized into the following divisions :

Basic research division
 Analytical chemistry division
 Synthetic chemistry division
 Energy chemistry division
 Catalysis division
 Bioorganic chemistry division
 Process research and development division
 Safety and environmental chemistry division

Name : Government Industrial Research Institute, Osaka
 Agency of Industrial Science and Technology, MITI
 Location : 8-31, Midorigaoka 1-chome, Ikeda, Osaka 563
 Telephone : 0727-51-8351

	1976	1977	1978
Manpower :	-	248	248
Expenditure :	¥ -	¥ 1,870,330,000	¥ 1,953,690,000

Note : Organized into the following divisions :

- 1st division (inorganic materials)
- 2nd division (chemical organic materials)
- 3rd division (industrial physics and technology)
- 4th division (glass and ceramic materials)
- 5th division (hydrogen energy technology and pollution control technology)

Name : Government Industrial Research Institute, Nagoya
 Agency of Industrial Science and Technology, MITI
 Location : 1, Hirate-cho, Kita-ku, Nagoya, Aichi 462
 Telephone : 052-911-2111

	1976	1977	1978
Manpower :	-	280	281
Expenditure :	¥ -	¥ 2,088,170,000	¥ 2,269,970,000

Note : Organized into the following divisions :

- 1st division (mechanical engineering)
- 2nd division (metallurgical engineering)
- 3rd division (chemistry)
- 4th division (application of atomic energy)
- 5th division (ceramic engineering)
- 6th division (pottery technology)

Name : Government Industrial Development Laboratory, Hokkaido
 Agency of Industrial Science and Technology, MITI
Location : 41-2, Higashi-tsukisamu, Toyohira-ku, Sapporo, Hokkaido 061-01
Telephone : 011-851-051

	1976	1977	1978
Manpower :	-	-	104
Expenditure :	¥ -	¥ 786,690,000	¥ 1,017,490,000

Note : Organized into the following divisions :

- 1st division
 - research on effective usage of coal
 - petroleum and petrochemical
 - research of effective usage of metallic and non-metallic minerals
- 2nd division
 - chemical analysis
 - analysis using electronic equipment
 - treatment of industrial waste water
- 3rd division
 - manual operation of chemical equipment
 - automatic operation of chemical equipment
 - design of chemical pilot plant
 - design of chemical equipment and material testing

Name : Government Industrial Research Institute, Kyushu
 Agency of Industrial Science and Technology, MITI
Location : Shuku-machi, Tosu, Saga 841
Telephone : 09428-2-5161

	1976	1977	1978
Manpower :	-	95	94
Expenditure :	¥ -	¥ 759,800,000	¥ 764,720,000

Note : Organized into the following divisions :

- Chemistry division
- Mechanical and metal division
- Mineral resources division

Name : Government Industrial Research Institute, Shikoku
Agency of Industrial Science and Technology, MITI
Location : 3-3, Hananomiya 2-chome, Takamatsu, Kagawa 761
Telephone : 0878-61-3511

	1976	1977	1978
Manpower :	-	46	46
Expenditure :	¥ -	¥ 352,650,000	¥ 431,200,000

Note : Organized into the following divisions :

Chemistry division
Machinery and metals division

Name : Government Industrial Research Institute, Tohoku
Agency of Industrial Science and Technology, MITI
Location : Nigatake, Haramachi, Sendai, Miyagi 983
Telephone : 0222-57-5211

	1976	1977	1978
Manpower :	-	57	57
Expenditure :	¥ -	¥ 419,730,000	¥ 448,410,000

Note : Organized into the following divisions :

Chemical division
Machinery and metals division

Name : Government Research Institute, Chugoku
Agency of Industrial Science and Technology, MITI
Location : 15,000, Hiro-cho, Kure, Hiroshima 737-01
Telephone : 0823-72-1111

	1976	1977	1978
Manpower :	-	52	51
Expenditure :	¥ -	¥ 539,980,000	¥ 564,730,000

Note : Organized into the following divisions :

Coastal environment division
Machinery and metals division

VII. INSTITUTES CONTROLLED BY
MINISTRY OF TRANSPORT

Name : Ship Research Institute
Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181
Telephone : 0422-45-5171

	1976	1977	1978
Manpower :	-	287	289
Expenditure :	¥ -	¥ 2,207,180,000	¥ 2,510,960,000

Note : Organized into the following divisions :

Ship production division
Ship dynamics division
Ship structure division
Welding and fabrication division
Engine development division
Marine engine division
Ship equipment division
Nuclear ship division
Oceanographical engineering division
Physical engineering division
Osaka branch
Tokai branch

Name : Electronic Navigation Research Institute
Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181
Telephone : 0422-45-5171

	1976	1977	1978
Manpower :	-	55	57
Expenditure :	¥ -	¥ 624,660,000	¥ 780,220,000

Name : Port and Harbour Research Institute
 Location : 1-1, Nagase 3-chome, Yokosuka, Kanagawa 239
 Telephone : 0468-41-5410

	1976	1977	19
Manpower :	-	261	21
Expenditure :	¥ -	¥ 2,281,160,000	¥ 2,422,

Note : Organized into the following divisions :

Hydraulic engineering division
 Marine hydrodynamics division
 Soils division
 Structures division
 Design standard division
 Machinery division

Name : Traffic Safety and Nuisance Research Institute
 Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181
 Telephone : 0422-45-5171

	1976	1977	19
Manpower :	-	93	
Expenditure :	¥ -	¥ 2,274,360,000	¥ 3,502,

Name : Magnetic Observatory
 Location : 595, Kakioka, Yasato-cho, Niihari-gun, Ibaraki 315-01
 Telephone : 02994-3-1151

	1976	1977	19
Manpower :	-	-	
Expenditure :	¥ -	¥ 255,860,000	¥ 265

Name : Seismological Observatory, Japan Meteorological Agency
 Location : 3511, Matsushiro-cho Saijo, Nagano 381-12
 Telephone : 0262-78-2235

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 74,140,000

Name : Institute for Sea Training, Ministry of Transport
 Location : 1-3, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100
 Telephone : 03-580-3111

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 4,282,020,000

Note : Organized into the following divisions :

- 1st research group (research on the ships which use wind & auxiliary propulsive force)
- 2nd research group (micro-computer application for various calculating on controlling equipment on the ship)
- Science ships for training and education
 - Sailing ships : Nihon-maru
Kaioh-maru
 - Turbine steamers : Taisei-maru
Hokuto-maru
 - Diesel engine ships : Shintoku-maru
Seium-maru
Ginga-maru

Name : Civil Aviation College
Location : Tobieda, Akae, Miyazaki, Miyazaki 880
Telephone : 0985-51-1211

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 2,559,500,000 ¥

Note : Training and education

Name : Maritime Safety Agency Research Center
Location : 6-64, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 21
Telephone : 045-201-3027

	1976	1977
Manpower :	-	43
Expenditure :	¥ -	¥ - ¥

Name : Meteorological Research Institute
 Location : 1-1 Yatabe-cho Nagamine, Tsukuba-gun, Ibaraki 305
 Telephone : 0298-51-7111

	1976	1977	1978
Manpower :	-	187	187
Expenditure :	¥ -	¥ 1,521,000,000	¥ 2,217,000,000

Note : Organized into the following divisions :

Forecast research division
 Typhoon research division
 Physical meteorology division
 Applied meteorology division
 Meteorological satellite division
 Seismology and volcanology division
 Oceanographical division
 Upper atmosphere physics division
 Geochemical division

Name : Aerological Observatory
 Location : Bangai-9, Yatabe-cho Tateno, Tsukuba-gun, Ibaraki 300-20
 Telephone : 0298-51-4125

	1976	1977	1978
Manpower :	-	-	41
Expenditure :	¥ -	¥ 235,740,000	¥ 212,600,000

Note : Organized into the following divisions :

1st division (observation and research on lower level atmosphere meteorology)
 2nd division (observation and research on upper level atmosphere meteorology, and testing of meteorological instruments)
 3rd division (observation and research on atmospheric ozone, light, and radiation)

Name : Meteorological College
 Location : 4-81, Asahi-cho 7-chome, Kashiwa, Chiba 277
 Telephone : 0471-67-7185

	1976	1977	1978
Manpower :	-	26	-
Expenditure :	¥ -	¥ -	¥ -

Note : Training and education

Name : Meteorological Instrument Plant
 Location : Bangai-9, Yatabe-cho Tateno, Tsukuba-gun, Ibaraki 300-21
 Telephone : 0298-51-4121

	1976	1977	1978
Manpower :	-	-	24
Expenditure :	¥ -	¥ 155,050,000	¥ 144,600,000

VIII. INSTITUTES CONTROLLED BY
MINISTRY OF POST AND TELECOMMUNICATIONS

Name : The Medical Laboratory, Health Division
Ministry of Post and Telecommunications
Location : 3-2, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100
Telephone : 03-504-4684

	1976	1977	1978
Manpower :	-	-	11
Expenditure :	¥ -	¥ -	¥ -

Note : In connection with the automation of mail and telecommunication, studies are going on in the following :

- Standardization of working environment
- Psychological and mental health of workers
- Physiological studies of human fatigue
- Human engineering

Name : Radio Research Laboratories
Location : 2-1, Nukui Kita-machi 4-chome, Koganei, Tokyo 184
Telephone : 0423-21-1211

	1976	1977	1978
Manpower :	-	451	449
Expenditure :	¥ -	¥ 5,410,000,000	¥ 5,980,000,000

Note : Organized into the following divisions :

Planning and support division
Technical consulting division
Information processing division
Radio wave division
Artificial satellite research division
Communications system and apparatus division
Frequency standard division
Space physics special research section
Atmospheric radio special research section
Radio physics special research section
Kashima branch
Hiraiso branch
Wakkanai radio wave observatory
Akita radio wave observatory
Inubo radio wave observatory
Yanagawa radio wave observatory
Okinawa radio wave observatory

IX. INSTITUTES CONTROLLED BY
MINISTRY OF LABOR

Name : Research Institute of Industrial Safety
 Location : 35-1, Shiba 5-chome, Minato-ku, Tokyo 108
 Telephone : 03-453-8441

	1976	1977	1978
Manpower :	-	53	53
Expenditure :	¥ -	¥ 593,700,000	¥ 533,910,000

Name : National Institute of Industrial Health
 Location : 21-1, Nagao 6-chome, Tama-ku, Kawasaki, Kanagawa 213
 Telephone : 044-865-6111

	1976	1977	1978
Manpower :	-	73	71
Expenditure :	¥ -	¥ 585,770,000	¥ 678,920,000

X. INSTITUTES CONTROLLED BY
MINISTRY OF CONSTRUCTION

Name : Geographical Survey Institute (GSI)
 Location : 1, Yatabe-cho Kitago, Tsukuba-gun, Ibaraki 300-21
 Telephone : 0298-64-1111

	1976	1977	1978
Manpower :	-	959	948
Expenditure :	¥ -	¥ 6,058,260,000	¥ 6,615,530,000

Note : Organized into the following divisions :

- Geodetic department
- Topographic department
- Geographic department
- Map management department
- Crustal dynamics department
- Planning department
- Regional survey department

Name : Public Works Research Institute (PWRI)
 Location : 1, Toyosato-cho, Asahi, Tsukuba-gun, Ibaraki 300-26
 Telephone : 0298-64-2211

	1976	1977	1978
Manpower :	-	520	524
Expenditure :	¥ -	¥ 15,495,000,000	¥ 15,254,000,000

Note : Organized into the following divisions :

- Geology and chemistry department
 - Akabane branch
 - River department
 - Water quality control department
 - Dam department
 - Erosion control department
 - Chiba branch
 - Road department
 - Construction method and equipment department
 - Structure and bridge department
 - Earthquake disaster prevention department
- Niigata experimental laboratory
- Kashima experimental laboratory
- Shinozaki experimental laboratory

Name : Building Research Institute (BRI)
Location : 1, Ohho-cho Tachihara, Tsukuba-gun, Ibaraki 300-32
Telephone : 0298-64-2151

	1976	1977	1978
Manpower :	-	181	181
Expenditure :	¥ -	¥ 987,160,000	¥ 1,347,180,000

Note : Organized into the following divisions :

- Research planning and information department
- 1st department (housing and building economy)
- 2nd department (materials)
- 3rd department (structural engineering)
- 4th department (production)
- 5th department (environment, design, and fire)
- 6th department (urban planning)
- International institute of seismology and earthquake engineering
- Testing and evaluation department

XI. INSTITUTE CONTROLLED BY
MINISTRY OF HOME AFFAIRS

Name : Fire Research Institute
Location : 14-1, Nakahara 3-chome, Mitaka, Tokyo 181
Telephone : 0422-44-8331

	1976	1977	1978
Manpower :	-	59	59
Expenditure :	¥ -	¥ 412,410,000	¥ 421,650,000

XII. SEMI-GOVERNMENT RESEARCH ORGANIZATIONS

Name : Electrical Communication Laboratory
 Research and Development Bureau
 Nippon Telegraph and Telephone Public Corporation
 Location : 9-11, Midori-cho 3-chome, Musashino, Tokyo 180
 Telephone : 0422-59-2595

	1976	1977	1978
Manpower :	-	-	2,573
Expenditure :	¥ -	¥ 53,100,000,000	¥ 59,900,000,000

Note : Organized into the following divisions :

Musashino Electrical Communication Laboratory
 9-11, Midori-cho 3-chome, Musashino, Tokyo 180
 Telephone : 0422-59-2711

Switching technology development division
 Switching systems development division
 Electronic equipment development division
 Integrated electronics development division
 Large scale integrated memory development division
 Research division (basic)
 Engineering division
 Technology division
 Information and patent division
 Planning and control office

Yokosuka Electrical Communication Laboratory
 1-2536, Take, Yokosuka, Kanagawa 238-02
 Telephone : 0468-59-2171

Data communication development division
 Data processing development division
 Trunk transmission system development division
 Integrated transmission system development division
 Visual communication development division
 Customer equipment development division

Ibaki Electrical Communication Laboratory
 162, Tokai-mura Shirakata Shirane, Naka-gun, Ibaraki 319-11
 Telephone 02928-7-7111

Transmission development division
 Component and material development division
 Planning and control office

Name : Power Reactor and Nuclear Fuel Development Corporation (PNC)
 Location : Sankaido-bldg., 9-13, Akasaka 1-chome, Minato-ku, Tokyo 107
 Telephone : 03-586-3311

	1976	1977	1978
Manpower :	-	-	2,352
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Fast breeder reactor development project
 Heavy water reactor development project
 Oarai engineering center
 Tsuruga construction office
 Department of nuclear fuels development
 Reprocessing division
 Raw materials division
 Tokai works

Name : Japan Atomic Energy Research Institute (JAERI)
 Location : 1-13, Shimbashi 1-chome, Minato-ku, Tokyo 105
 Telephone : 03-503-6111

	1976	1977	1978
Manpower :	-	-	2,296
Expenditure :	¥ -	¥ 42,345,660,000	¥ 50,564,890,000

Note : Organized into the following divisions :

Tokyo head office
 Office of planning
 Division of power reactor projects
 Radioisotope and nuclear engineering school

Tokai research establishment
 Division of health physics
 Division of reactor engineering
 Division of nuclear fuel research
 Division of physics
 Division of chemistry
 Division of large tokamak development
 Division of thermonuclear fusion research
 Division of research reactor operation
 Division of Japan power demonstration reactor (JPDOR)

Reactor safety research center
 Division of reactor safety
 Division of reactor safety evaluation
 Office of reactor fuel examination facility
 Division of environmental safety research

Takasaki radiation chemistry research establishment
 Pilot scale research station
 Division of research
 Osaka laboratory for radiation chemistry

Osarai research establishment
 Division of Japan material testing reactor (JMTR)

Radioisotope center
 Division of radioisotope production

Name : Japan Electric Meters Inspection Corporation
 Location : 5-6, Shibaura 1-chome, Minato-ku, Tokyo 105
 Telephone : 03-451-1181

	1976	1977	1978
Manpower :	-	-	1,111
Expenditure :	¥ -	¥ 6,190,120,000	¥ 7,568,110

Note : Organized into the following divisions :

Standards and research division
 Research section
 Standards section
 Modeling section

Name : National Space Development Agency of Japan (NASDA)
 Location : World Trade Center Building,
 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105
 Telephone : 03-435-6111

	1976	1977	1978
Manpower :	-	-	1
Expenditure :	¥100,850,000,000	¥128,380,000,000	¥136,790,000,000

Note : Organized into the following divisions :

- Administration department
- Finance and contract department
- Systems planning department
- Project control department
- Reliability assurance department
- Safety control department
- Flight safety department
- Launch vehicle design group
- Technological test satellite design group
- Application satellite design group
- Ground support design group
- Guidance and control design group
- Structure engineering group
- Propulsion engineering group
- On-board electronic equipment group
- Ground support equipment group
- Environmental test group
- Launch operations department
- Tracking and data acquisition department
- Construction department
- Tanegashima space center
- Tanegashima construction office
- Tsukuba space center
- Kodaira branch
- Okinawa tracking and data acquisition station
- Katsuura tracking and data acquisition station
- Masuda tracking and data acquisition station
- Tracking and control center
- Ogasawara down range station
- Nagoya inspector's office
- Tokyo inspector's office
- Los Angeles office
- Sacramento office
- Philadelphia office

Name : Railway Technical Research Institute (RTRI)
 Japan National Railways
 Location : 8-38, Hikari-cho, Kokubunji, Tokyo 185
 Telephone : 0423-72-2151

	1976	1977
Manpower :	-	781
Expenditure :	= -	= - =

Note : Organized into the following divisions :

- Noise mechanical laboratory
- Traffic control laboratory
- Track laboratory
- Track materials laboratory
- Structure laboratory
- Architecture laboratory
- Soil mechanics laboratory
- Geology laboratory
- Disaster prevention laboratory
- Maintenance construction machinery laboratory
- Yard & station laboratory
- Signal laboratory
- Communications laboratory
- System engineering laboratory
- Current collection laboratory
- Power supply system laboratory
- Electric machinery laboratory
- Applied electricity laboratory
- Car performance laboratory
- Car structure laboratory
- Car dynamics laboratory
- Car equipment laboratory
- Car power engineering laboratory
- Train operation laboratory
- Machinery equipment laboratory
- Ferryboat laboratory
- Freight transportation laboratory
- Operations research laboratory
- Physics laboratory
- Materials physics laboratory
- Steel and alloys laboratory
- Welding laboratory
- Inorganic chemistry laboratory
- Organic chemistry laboratory
- Fire prevention laboratory

Name : The Institute of Physical and Chemical Research (IPCR)
 Location : 2-1, Hirosewa, Wakoh, Saitama 351
 Telephone : 0484-62-1111

	1976	1977	1978
Manpower :	-	-	622
Expenditure :	¥ -	¥ 6,519,000,000	¥ 7,401,000,000

Note : Organized into the following divisions :

- Nuclear physics division
 - Cosmic rays
 - Radiation
 - Cyclotron
 - Linear accelerator
 - Thermonuclear fusion
- Solid state physics division
 - Crystal physics
 - Biophysics
 - Biopolymer physics
 - Metal physics
 - Magnetic materials
- Applied physics division
 - Plasma physics
 - Information science
 - Microwave physics
 - Optical instrumentation
 - Physical oceanography
- Engineering division
 - Power technology
 - Friction and lubrication
 - Deformation processing
 - Chemical engineering
 - Semiconductors
 - Oceanographic instrumentation I
 - Oceanographic instrumentation II
- Inorganic chemistry division
 - Inorganic chemistry
 - Solid-state chemistry
 - Geochemistry
 - Radiochemistry
 - Isotopes
- Organic chemistry division
 - Physical organic chemistry
 - Organic chemistry I
 - Organic chemistry II
 - Synthetic organic chemistry
 - Polymer chemistry

Catalysis
 Radiation chemistry
 Biochemistry division
 Antibiotics
 Biochemistry
 Microbiology
 Microbial ecology
 Radiobiology
 Agricultural chemicals division
 Pesticides synthesis I
 Pesticides synthesis II
 Pesticides synthesis III
 Phytochemistry
 Insect toxicology
 Fungicides
 Plant physiology
 Animal physiology
 Pesticides screening center
 Special research group
 Laser science

Name : NHK Technical Research Laboratories
 (Japan Broadcasting Corporation)
 Location : 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157
 Telephone : 03-415-5111

	1976	1977	1978
Manpower :	-	-	369
Expenditure :	¥ -	¥ 3,614,050,000	¥ 3,936,830,000

Note : Organized into the following divisions :
 Program engineering research group
 New broadcasting system research group
 Radio-frequency & satellite broadcasting research group
 Recording techniques and memory devices research group
 Image devices research group
 Advanced television system research group
 Information processing research group
 Research facilities center

See also NHK broadcasting science research laboratory

Name : Central Research Institute,
The Japan Tobacco and Salt Public Corporation
Location : 6-2, Umegaoka, Midori-ku, Yokohama, Kanagawa 227
Telephone : 045-973-5611

	1976	1977	1978
Manpower :	180	-	-
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- 1st smoke research division (physical and chemical aspects of smoke)
- 2nd smoke research division (biology of smoking, pesticide residues, virus)
- 1st tobacco production research division (tobacco aroma, sensory test)
- 2nd tobacco production research division (device and preliminary preparation of new brands)
- 3rd tobacco production research division (development of materials for tobacco manufacturing and products)
- 1st fundamental research division (protein, enzyme)
- 2nd fundamental research division (microbiology)
- 3rd fundamental research division (technology for the development of new tobacco materials)
- 4th fundamental research division (bioengineering)
- 5th fundamental research division (tobacco aroma constituents)
- 6th fundamental research division (development of reconstituted tobacco)
- 7th fundamental research division (technology of environment pollution protection)
- Biological research center
- Utilization and quality control of common salt, and analysis of sea water

Name : Institute of Kokusai Denshin Denwa Co., Ltd.
 (International Telegraph and Telephone Corporation)
 Location : 1-23, Nakameguro 2-chome, Meguro-ku, Tokyo 153
 Telephone : 03-713-0111

	1976	1977	1978
Manpower :	-	-	154
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Electronic circuit research laboratory
 Materials laboratory
 Cable systems laboratory
 Special project laboratory
 Information processing laboratory
 Switchboard systems laboratory
 Terminal stations laboratory
 Terminal equipment laboratory
 Measuring equipment laboratory
 Radio laboratory
 Satellite communication laboratory
 Radio transmission laboratory
 Technology development laboratory

Name : Japan Marine Science and Technology Center
 Location : 2-15, Natsushima-cho, Yokosuka, Kanagawa 237
 Telephone : 0468-65-2865

	1976	1977	1978
Manpower :	-	-	112
Expenditure :	¥ -	¥ 1,856,860,000	¥ 3,316,010,000

Note : Organized into the following divisions :

Marine technology department
 Marine conservation technology department
 Manned undersea technology and engineering department
 Training department
 Technical information service

Name : Japan Nuclear Ship Development Agency
 Location : 15-16, Toranomon 1-chome, Minato-ku, Tokyo 105
 Telephone : 03-501-4970

	1976	1977	1978
Manpower :	-	-	141
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Engineering and development department
 Design, construction and operation of nuclear ship "Mutsu"
 Training of crew of nuclear ship
 Research of nuclear ship

Name : National Consumer Information Center
 Location : 13-22 Takanawa 3-chome, Minato-ku, Tokyo 108
 Telephone : 03-443-6211

	1976	1977	1978
Manpower :	-	-	102
Expenditure :	¥ -	¥ 36,890,000	¥ 40,300,000

Note : Organized into the following divisions :

Research and testing laboratory (research people : 13)
 Research of accidents caused by gas equipment
 Research of accidents caused by electric appliances
 Research on food additives

Name : Institute of Agricultural Machinery
 Location : 40-2, Nisshin-cho 1-chome, Ohmiya, Saitama 330
 Telephone : 0486-63-3901

	1976	1977	1978
Manpower :	-	-	90
Expenditure :	¥ -	¥ 1,057,960,000	¥ 1,054,990,000

Name : The Laboratory of Nihon Doro Kodan
 (Japan Highway Construction Corporation)
 Location : 4-1, Tadao 1-chome, Machida, Tokyo 194
 Telephone : 0427-91-1621

	1976	1977	1978
Manpower :	-	-	88
Expenditure :	¥ -	¥ 1,630,000,000	¥ 1,635,000,000

Name : Railway Labor Science Research Institute,
 Japan National Railways
 Location : 5-6, Izumi-cho 2-chome, Kokubunji, Tokyo 185
 Telephone : 0423-21-5340

	1976	1977	1978
Manpower :	-	-	87
Expenditure :	¥ -	¥ 687,000,000	¥ 632,000,000

Name : Civil Engineering Laboratory,
 Electric Power Development Co., Ltd.
 Location : 2000, Chigasaki, Chigasaki, Kanagawa 253
 Telephone : 0467-82-4138

	1976	1977	1978
Manpower :	-	-	84
Expenditure :	¥ -	¥ 490,000,000	¥ 530,000,000

Name : Research Institute of Capital Formation,
The Japan Development Bank
Location : 9-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100
Telephone : 03-270-3211

	1976	1977	1978
Manpower :	-	-	61
Expenditure :	¥ -	¥ -	¥ -

Name : Technology Research Center, Japan National Oil Corporation
Location : Mori-Bldg. 18-2, 3-13, Toranomon 2-chome, Minato-ku, Tokyo 105
Telephone : 03-580-8171

	1976	1977	1978
Manpower :	-	-	58
Expenditure :	¥ -	¥ 902,000,000	¥ 1,022,900,000

Name : Equine Health Laboratory, Japan Racing Association
Location : 27-7, Tsurumaki 5-chome, Setagaya-ku, Tokyo 154
Telephone : 03-429-2311

	1976	1977	1978
Manpower :	-	-	56
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute of Vocational Research
 Location : Sun-Plaza-6F, 1-1, Nakano 4-chome, Nakano-ku, Tokyo 164
 Telephone : 03-388-1511

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 120,600,000	¥ 124,800,000

Name : NHK Broadcasting Science Research Laboratory
 (Japan Broadcasting Corporation)
 Location : 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157
 Telephone : 03-415-5111

	1976	1977	1978
Manpower :	-	-	40
Expenditure :	¥ -	¥ -	¥ -

Note : See NHK technical research laboratories

Name : Japan Housing Corporation General Research Laboratory
 Location : 2683-3, Ishikawa-cho, Hachioji, Tokyo 192
 Telephone : 0426-44-3751

	1976	1977	1978
Manpower :	24	-	31
Expenditure :	¥ -	¥ 282,180,000	¥ 333,880,000

Name : Water Resouces Development Public Corporation Laboratory
 Location : 936, Kanda Urawa, Saitama 338
 Telephone : 0488-53-1785

	1976	1977	1978
Manpower :	-	-	28
Expenditure :	¥ -	¥ 212,450,000	¥ 290,720,000

Name : The Social Development Research Institute
 Location : 3-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100
 Telephone : 03-580-2511

	1976	1977	1978
Manpower :	13	-	24
Expenditure :	¥ -	¥ -	¥ -

Note : Framing of social security standard index
 Statistical research on the structure of home economics
 Theoretical and practical research on the specific nature of
 life styles of problem families
 International comparative research on the social and
 economic significance of social security finances
 Setting of annuity standards ; financing of annuities.

Name : The Shipbuilding Research Center, Oil Spill Prevention Institute
 Location : Minamihara, Ohho-cho, Tsukuba-gun, Ibaraki 300-26
 Telephone : 02986-4-2125

	1976	1977	1978
Manpower :	-	-	14
Expenditure :	¥ -	¥ -	¥ 200,000,000

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
ACOUSTICS	2
ADVANCED TECHNOLOGY	45
AERODYNAMICS	5
AERODYNAMICS	5
AEROENGINE	5
AEROLOGICAL	55
AEROMEDICAL	3
AEROSPACE	5
AGRICULTURAL	16
AGRICULTURAL	20
AGRICULTURAL	20
AGRICULTURAL	21
AGRICULTURAL	21
AGRICULTURAL	22
AGRICULTURAL	22
AGRICULTURAL	23
AGRICULTURAL	26
AGRICULTURAL ENGINEERING	19
AGRICULTURAL MACHINERY	73
AGRICULTURAL SCIENCE	16
AGRICULTURAL CHEMICALS	70
AGRICULTURAL CHEMISTRY	20
AGRICULTURAL ENGINEERING	1
AGRICULTURAL PHYSICS	20
AGROMETEOROLOGY	22
AGRONOMY	20
AGRONOMY	20
AGRONOMY	22
AIR POLLUTION CONTROL	46
AIRCRAFT	2
AIRCRAFT	2
AIRCRAFT EMISSION	5
AIRCRAFT NOISE	5
AIRFRAME	5
AIRFRAME	5
ALLOYS	68
ALPINE	17
ALUMINO-SILICATE GLASS	8
ANALYSIS USING ELECTRONIC EQUIPMENT	48
ANALYTICAL CHEMISTRY	46
ANIMAL HEALTH	24
ANIMAL HUSBANDRY	17
ANIMAL HUSBANDRY	22
ANIMAL PHYSIOLOGY	70
ANIMAL SCIENCE	17
ANNUAL FINANCING	77
ANNUAL STANDARDS	77

MONOGRAPH INDEX BY SUBJECT

<u>SUEJECT</u>	<u>PAGE NO.</u>
ANTIBIOTICS	13
ANTIBIOTICS	70
APPLICATION SATELLITE DESIGN	67
APPLIED CHEMISTRY	1
APPLIED ELECTRICITY	68
APPLIED METEOROLOGY	55
APPLIED MICROBIOLOGY	25
APPLIED OPTICS	42
APPLIED PHYSICS	1
APPLIED PHYSICS	69
ARCHITECTURAL HYGIENE	11
ARCHITECTURE	68
ARMED AIRCRAFT	3
ARTIFICIAL SATELLITE	58
ATMOSPHERIC ENVIRONMENT	4
ATMOSPHERIC LIGHT	55
ATMOSPHERIC OZONE	55
ATMOSPHERIC RADIATION	55
ATMOSPHERIC RADIO	58
ATOMIC ENERGY	65
ATOMIC ENERGY	47
AUTOMATIC CONTROL	45
AUTOMOBILE	42
BACTERIAL	24
BACTERIOLOGY	12
BACTERIOLOGY	12
BARIUM ALUMINATE	8
BASIC ENGINEERING	42
BASIC RESEARCH	46
BEEF CATTLE	24
BEEF CATTLE	24
BIOCHEMISTRY	11
BIOCHEMISTRY	14
BIOCHEMISTRY	24
BIOCHEMISTRY	39
BIOCHEMISTRY	70
BIOCHEMISTRY	70
BIOENGINEERING	43
BIOENGINEERING	71
BIOLOGICAL CHEMISTRY	15
BIOLOGICAL PRODUCTS	24
BIOLOGICAL SAFETY	15
BIOLOGY	6
BIOLOGY	14
BIOLOGY	28
BIOLOGY OF SMOKING	71
BIOORGANIC CHEMISTRY	46

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE</u>
BIOPHYSICS	14
BIOPHYSICS	24
BIOPHYSICS	69
BIOPOLYMER PHYSICS	69
BIOPOLYMERS	43
BORON NITRIDE	8
BREEDING	34
BREWING	10
BRIDGE	61
BROADCASTING SCIENCE	76
BROADCASTING SYSTEM	70
BUILDING RESEARCH	62
BUILDING ECONOMY	62
CABLE SYSTEMS	72
CALCIUM SULFATE PHOSPHATE	8
CANCER	14
CAPITAL FORMATION,	75
CAR DYNAMICS	68
CAR EQUIPMENT	68
CAR PERFORMANCE	68
CAR POWER ENGINEERING	68
CAR STRUCTURE	68
CARBON	46
CATALYSIS	46
CATALYSIS	70
CATTLE	24
CATTLE	34
CHEMISTRY	13
CERAMIC	47
CERAMIC	47
CHEMICAL	27
CHEMICAL	46
CHEMICAL	49
CHEMICAL	69
CHEMICAL ANALYSIS	48
CHEMICAL ASPECTS OF SMOKE	71
CHEMICAL ENGINEERING	69
CHEMICAL EQUIPMENT	48
CHEMICAL EQUIPMENT	48
CHEMICAL EQUIPMENT	48
CHEMICAL ORGANIC MATERIALS	47
CHEMICAL PILOT PLANT	48
CHEMICAL PROCESS	43
CHEMISTRY	4
CHEMISTRY	6
CHEMISTRY	23
CHEMISTRY	27

MONOGRAPH INDEX BY SUBJECT

10.

<u>SUBJECT</u>	<u>PAGE</u>
CHEMISTRY	4
CHEMISTRY	4
CHEMISTRY	4
CHEMISTRY	6
CHEMISTRY	6
CHEMOTHERAPHY	7
CHILD HEALTH	7
CIVIL AVIATION	7
CIVIL ENGINEERING	7
CIVIL ENGINEERING	7
CLIMATIC ANOMALY	7
CLINICAL RESEARCH	7
CLOTHES	7
COAL	4
COAL	4
COAL MINE RESEARCH	4
COAL MINE RESEARCH	4
COASTAL DISASTER	4
COASTAL ENVIRONMENT	5
COASTAL HYDRAULICS	5
COMBUSTION	4
COMBUSTION POLLUTION CONTROL	4
COMMUNICATIONS	6
COMMUNICATIONS APPARATUS	5
COMMUNICATIONS SYSTEM	5
COMMUNITY ENVIRONMENTAL SCIENCES	1
COMPONENT	6
COMPOSITION MEASUREMENT	4
COMPOUND BISMUTH OXIDES	4
COMPUTER SCIENCE	4
CONCRETE	6
CONSTRUCTION	6
CONSTRUCTION MACHINERY	6
CONSTRUCTION ENGINEERING	1
CONSTRUCTION EQUIPMENT	6
CONSTRUCTION METHOD	6
CONSUMER INFORMATION	7
CONTROL	6
CONTROL	6
CORROSION	6
COSMIC RAYS	6
CREEP TESTING	6
CRIME PREVENTION	6
CRIME PREVENTION	6
CRIMINOLOGICAL RESEARCH	6
CROP	1
CROP	2

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
CROP	20
CROP	21
CROP	61
CRISTAL DYNAMICS	60
CRISTAL MOVEMENT	7
CRYSTAL PHYSICS	60
CULTIVATION	18
CURRENT COLLECTION	68
CUSTOMER EQUIPMENT	64
CUSTOMS	10
CYCLOTRON	69
DAIRY CATTLE	24
DAM	61
DATA ACQUISITION	67
DATA ACQUISITION	67
DATA ACQUISITION	67
DATA ACQUISITION	67
DATA COMMUNICATION	64
DATA PROCESSING	64
DEFENSE	7
DEFORMATION	60
DEMOGRAPHICS	11
DEMOGRAPHY	7
DENTAL	
DESIGN	62
DESIGN STANDARD	52
DIAMOND	8
DIESEL ENGINE SHIPS	53
DISASTER PREVENTION	7
DISASTER ANALYSIS	7
DISASTER PREVENTION	68
DOWN RANGE	67
DRUGS	15
EARTHQUAKE	7
EARTHQUAKE	7
EARTHQUAKE	7
EARTHQUAKE DISASTER PREVENTION	61
EARTHQUAKE ENGINEERING	7
EARTHQUAKE ENGINEERING	61
ECOLOGY	11
ECOLOGY	47
ECONOMIC RESEARCH	14
EDUCATION	54
EDUCATION	12
ELECTRIC METERS INSPECTION	12
ELECTRIC POWER DEVELOPMENT	26
ELECTRIC APPLIANCES ACCIDENTS	12

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MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
ELECTRIC MACHINERY	68
ELECTRICAL COMMUNICATION	64
ELECTRICAL TESTING	27
ELECTRONIC CIRCUIT	72
ELECTRONIC COMPUTER	45
ELECTRONIC DEVICE	45
ELECTRONIC EQUIPMENT	64
ELECTRONIC MATERIALS	5
ENDOCRINOLOGY	14
ENERGY	45
ENERGY CHEMISTRY	46
ENGINE DEVELOPMENT	51
ENGINEERING	69
ENGINEERING MATERIALS	1
ENGINEERING METROLOGY	42
ENTEROVIRUS	12
ENTOMOLOGY	16
ENTOMOLOGY	22
ENTOMOLOGY	23
ENVIRONMENT	16
ENVIRONMENT	17
ENVIRONMENT	18
ENVIRONMENT	20
ENVIRONMENT	21
ENVIRONMENT	21
ENVIRONMENT	41
ENVIRONMENT	62
ENVIRONMENT POLLUTION PROTECTION	71
ENVIRONMENTAL STUDIES	4
ENVIRONMENTAL BIOLOGY	4
ENVIRONMENTAL CHEMISTRY	15
ENVIRONMENTAL CHEMISTRY	46
ENVIRONMENTAL GEOLOGY	44
ENVIRONMENTAL HEALTH	6
ENVIRONMENTAL HEALTH SCIENCES	4
ENVIRONMENTAL INFORMATION	4
ENVIRONMENTAL MATERIALS	2
ENVIRONMENTAL PHYSIOLOGY	24
ENVIRONMENTAL SAFETY	66
ENVIRONMENTAL TEST	67
ENZYME	71
EPIDEMIOLOGY	11
EPIDEMIOLOGY	14
EPIZOOTIOLOGICAL	24
EQUINE HEALTH	75
EQUINE INFECTIONS	24
EQUIPMENT OPERATION	3

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
EROSION CONTROL	61
EXPERIMENTAL ANIMALS	14
FABRICATION	51
FARM MANAGEMENT	16
FARM MANAGEMENT	16
FARM MANAGEMENT	20
FARM MANAGEMENT	20
FARM MANAGEMENT	21
FARM MANAGEMENT	22
FARM MECHANIZATION	20
FARM OPERATION	16
FAST BREEDER REACTOR	65
FATIGUE TESTING	6
FEED	32
FEED RESEARCH	36
FEED SAFETY	24
FEEDING	17
FERMENTATION	43
FERROUS MATERIALS	5
FERRYBOAT	68
FERTILIZER	16
FIRE	62
FIRE RESEARCH	63
FIRE PREVENTION	68
FISHERIES	38
FISHERIES	39
FISHERIES	39
FISHERIES	39
FISHERIES	40
FISHERIES	40
FISHERIES	40
FISHERIES	40
FISHERIES	41
FISHING GEAR	39
FISHING METHOD	39
FLIGHT RESEARCH	5
FLIGHT SAFETY	67
FLOOD	7
FLUID METROLOGY	42
FOOD	2
FOOD	15
FOOD RESERCH	25
FOOD ADDITIVES	15
FOOD ADDITIVES	73
FOOD DISTRIBUTION	25
FOOD ENGINEERING	25
FOOD PROTECTION	25
FOOD SCIENCE	25

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
FOOD SCIENCE	25
FOODS	15
FORECAST	55
FORENSIC SCIENCE DIVISION	1
FORENSIC SCIENCE DIVISION	1
FOREST PRODUCTS	25
FOREST TREE	32
FOREST TREE	33
FOREST TREE	33
FOREST TREE	33
FOREST TREE	34
FOREST INFLUENCES	26
FOREST MANAGEMENT	26
FOREST MECHANIZATION	26
FOREST PRODUCTS	26
FOREST PROTECTION	26
FOREST SOILS	26
FORESTRY	26
FOUNDATION ENGINEERING	1
FREIGHT TRANSPORTATION	68
FREQUENCY STANDARD	58
FRICTION	69
FRUIT TREE	18
FRUIT BREEDING	18
FRUIT FLIES	28
FUEL	44
FUNDAMENTAL SCIENCE	45
FUNGICIDES	70
GAS EQUIPMENT ACCIDENTS	73
GENERAL BIOLOGICS	13
GENETICS	6
GENETICS	16
GENETICS	17
GEOCHEMICAL	55
GEOCHEMISTRY	44
GEOCHEMISTRY	69
GEODETTIC	60
GEOGRAPHIC	60
GEOGRAPHICAL	60
GEOLOGICAL	44
GEOLOGY	1
GEOLOGY	44
GEOLOGY	61
GEOLOGY	68
GEOPHYSICS	44
GEOHERMAL RESEARCH	44
GERMANATES	8

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
GLASS	47
GRASS FIELD	36
GRASSLAND	17
GRASSLAND	17
GRASSLAND	17
GRASSLAND	20
GRASSLAND	22
GRASSLAND DEVELOPMENT	20
GRASSLAND DEVELOPMENT	20
GRAZING	24
GRAZING	24
GREENHOUSE	18
GROUND SUPPORT DESIGN	67
GROUND SUPPORT EQUIPMENT	67
GROUNDWATER	7
GUIDANCE AND CONTROL DESIGN	67
HARBOR HYDROLOGICS	1
HARBOUR	52
HEALTH	12
HEALTH	34
HEALTH	57
HEALTH PHYSICS	65
HEAVY WATER REACTOR	65
HIGH STRENGTH MATERIALS	5
HIGH-PRESSURE RESEARCH	8
HIGHWAY CONSTRUCTION	74
HORSES	24
HOSPITAL ADMINISTRATION	13
HOUSING	62
HOUSING	76
HUMAN ENGINEERING	57
HUMAN FACTORS ENGINEERING	45
HUMAN FATIGUE	57
HYDRAULIC ENGINEERING	19
HYDRAULIC ENGINEERING	52
HYDROCARBON PROCESSING	46
HYDROGEN ENERGY	47
HYDROLOGY	1
HYGIENIC SCIENCES	15
ICE	7
IMAGE DEVICES	70
INDUSTRIAL DEVELOPMENT	48
INDUSTRIAL HEALTH	59
INDUSTRIAL PRODUCTS	45
INDUSTRIAL RESEARCH	47
INDUSTRIAL RESEARCH	47
INDUSTRIAL RESEARCH	48

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
INDUSTRIAL RESEARCH	49
INDUSTRIAL RESEARCH	49
INDUSTRIAL SAFETY	59
INDUSTRIAL HEALTH	11
INDUSTRIAL PHYSICS	47
INDUSTRIAL TECHNOLOGY	47
INFORMATION PROCESSING	70
INFORMATION PROCESSING	7
INFORMATION PROCESSING	58
INFORMATION PROCESSING	72
INFORMATION SCIENCE	45
INFORMATION SCIENCE	69
INORGANIC METALS	8
INORGANIC CHEMISTRY	68
INORGANIC CHEMISTRY	69
INORGANIC CHEMISTRY	69
INORGANIC MATERIALS	47
INSECT	20
INSECT TOXICOLOGY	70
INSTRUMENTATION	5
INSTRUMENTATION	7
INTEGRATED ELECTRONICS	64
INTEGRATED TRANSMISSION SYSTEM	64
ISOTOPES	69
INSPECTION	42
JUVENILE	1
LAND IMPROVEMENT	19
LAND UTILIZATION	16
LAND UTILIZATION	22
LANDSLIDE	7
LARGE SCALE INTEGRATED MEMORY	64
LASER SCIENCE	70
LAUNCH OPERATIONS	67
LAUNCH VEHICLE DESIGN	67
LEPROSY RESEARCH	13
LIFE STYLES	77
LINEAR ACCELERATOR	69
LIVESTOCK	20
LIVESTOCK	20
LIVESTOCK	21
LIVESTOCK	34
LIVESTOCK	34
LIVESTOCK	35
LIVESTOCK	35
LIVESTOCK	35
LIVESTOCK	36
LIVESTOCK	36

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
LIVESTOCK	36
LIVESTOCK	37
LIVESTOCK	37
LIVESTOCK	37
LIVESTOCK	38
LIVESTOCK	38
LOWER ATMOSPHERE METEOROLOGY	55
LOWLAND CROPS	22
LUBRICATION	69
MACHINERY	42
MACHINERY	49
MACHINERY	49
MACHINERY	50
MACHINERY	52
MACHINERY EQUIPMENT	68
MAGNESIUM OXIDES	8
MAGNETIC	52
MAGNETIC MATERIALS	69
MAINTENANCE CONSTRUCTION MACHINERY	68
MANNED UNDERSEA TECHNOLOGY	72
MAP MANAGEMENT	60
MARINE SCIENCE	72
MARINE TECHNOLOGY	72
MARINE CONSERVATION	72
MARINE ENGINE	51
MARINE GEOLOGY	43
MARINE HYDRODYNAMICS	52
MARINE PRODUCTS UTILIZATION	39
MARINE PROPAGATION	39
MARINE RADIOECOLOGY	7
MARINE RESOURCES	39
MARINE TECHNOLOGY	72
MARITIME SAFETY	54
MASS-SCREENING	14
MATERIAL	64
MATERIAL STRENGTH	6
MATERIAL STRENGTH	6
MATERIAL TESTING	48
MATERIAL TESTING REACTOR	66
MATERIALS	2
MATERIALS	45
MATERIALS	60
MATERIALS	72
MATERIALS DEVELOPMENT	5
MATERIALS ENGINEERING	42
MATERIALS PHYSICS	68
MATERIALS RESEARCH	45

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
MATERNAL HEALTH	11
MEASLES	13
MEASUREMENT	42
MEASUREMENT	45
MEASURING EQUIPMENT	72
MEASURING INSTRUMENTS	42
MECHANICAL	47
MECHANICAL	48
MECHANICAL ENGINEERING	42
MECHANICAL METROLOGY	42
MECHANICAL TESTING	27
MEDICAL	57
MEDICAL CHEMISTRY	15
MEDICAL ENTOMOLOGY	13
MEDICAL SUPPLIES	15
MEDICINE	2
MEMORY DEVICES	70
MENTAL HEALTH	12
MENTAL HEALTH	57
METAL	48
METAL PHYSICS	5
METAL PHYSICS	69
METAL PROCESSING	6
METAL PROCESSING	6
METAL SILICON OXYNITRIDES	8
METALLIC	48
METALLURGICAL	47
METALLURGICAL CHEMISTRY	6
METALS	5
METALS	49
METALS	49
METALS	50
METEOROLOGICAL	55
METEOROLOGICAL	56
METEOROLOGICAL	56
METEOROLOGICAL INSTRUMENTS	55
METEOROLOGICAL SATELLITE	55
METROLOGY	42
MICROBIAL ECOLOGY	70
MICROBIOLOGY	11
MICROBIOLOGY	15
MICROBIOLOGY	15
MICROBIOLOGY	28
MICROBIOLOGY	70
MICROBIOLOGY	71
MICROWAVE PHYSICS	69
MINERAL DEPOSITS	44

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
MINERAL PROCESSING	46
MINERAL RESOURCES	48
MINERALS	48
MINING	46
MODELING	66
MULBERRY TREE	23
MUTSU	73
NATURAL PRODUCTS	15
NAVIGATION	51
NOISE MECHANICAL	68
NON-METALLIC	48
NONFERROUS MATERIALS	5
NUCLEAR FUEL	65
NUCLEAR SHIP	73
NUCLEAR ENGINEERING	65
NUCLEAR FUEL RESEARCH	65
NUCLEAR FUELS	65
NUCLEAR MATERIALS	5
NUCLEAR PHYSICS	69
NUCLEAR SHIP	51
NUCLEAR SHIP	73
NUISANCE RESEARCH	52
NURSING	11
NUTRITION	11
NUTRITION	12
NUTRITION	17
NUTRITION	25
OCEANOGRAPHIC INSTRUMENTATION	69
OCEANOGRAPHIC INSTRUMENTATION	69
OCEANOGRAPHICAL	55
OCEANOGRAPHICAL ENGINEERING	51
OCEANOGRAPHY	39
OFFENDERS	9
OIL	75
OIL SPILL PREVENTION	77
ON-BOARD ELECTRONIC EQUIPMENT	67
OPERATIONS RESEARCH	68
OPTICAL INSTRUMENTATION	69
OPTO-ELECTRONICS	45
ORGANIC CHEMISTRY	68
ORGANIC CHEMISTRY	69
ORGANIC CHEMISTRY	69
ORGANIC CHEMISTRY	69
ORNAMENTAL CROPS	18
PARASITIC	24
PARASITOLOGY	13
PASTEURIZING	28

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
PASTURE	17
PASTURING	24
PASTURING	24
PASTURING	24
PATHOLOGY	6
PATHOLOGY	13
PATHOLOGY	14
PATHOLOGY	15
PATHOLOGY	23
PATHOLOGY	24
PAVEMENT	1
PEARL	41
PESTICIDE RESIDUES	71
PESTICIDES SCREENING	70
PESTICIDES SYNTHESIS	70
PESTICIDES SYNTHESIS	70
PESTICIDES SYNTHESIS	70
PETROCHEMICAL	48
PETROLEUM	48
PHAMACOLOGY	14
PHARMACEUTICAL	11
PHARMACEUTICAL SCIENCES	6
PHARMACOGNOSY	15
PHARMACOLOGY	15
PHARMACOLOGY	15
PHYSICAL	69
PHYSICAL ASPECTS OF SMOKE	71
PHYSICAL ENGINEERING	51
PHYSICAL METEOROLOGY	55
PHYSICAL OCEANOGRAPHY	69
PHYSICAL ORGANIC	69
PHYSICS	4
PHYSICS	6
PHYSICS	16
PHYSICS	27
PHYSICS	65
PHYSICS	68
PHYSIOLOGICAL	57
PHYSIOLOGICAL HYGIENE	11
PHYSIOLOGY	6
PHYSIOLOGY	16
PHYSIOLOGY	17
PHYTOCHEMISTRY	15
PHYTOCHEMISTRY	70
PLANNING	60
PLANT GENETICS	34
PLANT PROTECTION	28
PLANT PROTECTION	28

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
PLANT PROTECTION	28
PLANT VIRUS	25
PLANT BREEDING	18
PLANT DISEASE	20
PLANT NUTRITION	22
PLANT PATHOLOGY	16
PLANT PATHOLOGY	22
PLANT PHYSIOLOGY	18
PLANT PHYSIOLOGY	70
PLANT PROTECTION	18
PLANT PROTECTION	18
PLASMA PHYSICS	69
POLICE SCIENCE	1
POLLUTION	46
POLLUTION CONTROL	47
POLLUTION DIFFUSION	46
POLYMER	43
POLYMER CHEMISTRY	69
POLYMER PHYSICS	43
POLYMER SYNTHESIS	43
POLYMERS	43
POMOLOGY	18
POPULATION PROBLEMS	11
POPULATION DYNAMICS	39
POPULATION STATISTICS	39
PORT	52
POTASSIUM TANTALATE-NIOBATE	8
POTATO	29
POTATO	29
POTATO	29
POTATO	30
POTATO	30
POTATO	30
POTATO	30
POTATO	31
POTTERY	47
POULTRY	37
POULTRY DISEASE	24
POWER REACTOR	65
POWER REACTOR	65
POWER SUPPLY SYSTEM	68
POWER TECHNOLOGY	69
PREDICTION	7
PRESERVATION	25
PRESERVATION	39
PRINTING	10
PROBLEM FAMILIES	77
PROCESS DEVELOPMENT	6

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
PROCESS DEVELOPMENT	46
PROCESS METALLURGY	6
PROCESS METALLURGY	6
PROCESS RESEARCH	46
PROCESSING TECHNOLOGY	43
PRODUCTION	62
PRODUCTION ENGINEERING	42
PRODUCTION ENGINEERING	45
PRODUCTS	17
PRODUCTS	27
PRODUCTS DESIGN	45
PROGRAM ENGINEERING	70
PROJECT CONTROL	67
PROPULSION ENGINEERING	67
PROTEIN	71
PSYCHOLOGICAL	57
PUBLIC HEALTH	11
PUBLIC WORKS	61
PUBLIC HEALTH	11
QUALITY	3
QUANTUM METROLOGY	42
QUANTUM TECHNOLOGY	45
RACING	75
RADIATION	69
RADIATION CHEMISTRY	66
RADIATION CHEMISTRY	66
RADIATION CHEMISTRY	70
RADIATION HAZARDS	6
RADIATION HEALTH	6
RADIATION TREATMENT	16
RADIO	45
RADIO	72
RADIO RESEARCH	58
RADIO PHYSICS	58
RADIO TRANSMISSION	72
RADIO WAVE	58
RADIO WAVE	58
RADIO WAVE	58
RADIO WAVE	58
RADIO WAVE	58
RADIO WAVE	58
RADIOACTIVITY	39
RADIOBIOLOGY	14
RADIOBIOLOGY	70
RADIOCHEMISTRY	15
RADIOCHEMISTRY	69
RADIOECOLOGY	7

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
RADIOISOTOPE	65
RADIOISOTOPE	66
RADIOISOTOPE	66
RADIOLOGICAL SCIENCE	6
RADIOLOGICAL HEALTH	11
RAILWAY	68
RAILWAY LABOR	74
RAINFALL	7
RAW MATERIALS	65
REACTOR ENGINEERING	65
REACTOR FUEL EXAMINATION	66
REACTOR SAFETY	66
REACTOR SAFETY	66
REACTOR SAFETY	66
RECONSTITUTED TOBACCO	71
RECORDING TECHNIQUES	70
REFERENCE STANDARDS	15
RELIABILITY ASSURANCE	67
RENIUM OXIDE	8
REPROCESSING	65
REPRODUCTION	17
REPRODUCTIVE DISEASES	24
RESEARCH	14
RESEARCH	66
RESEARCH REACTOR	65
RESOURCES	6
RESOURCES	46
RICKETTSIOLOGY	12
RIVER	61
RIVER HYDRAULICS	1
ROAD	61
ROCK MECHANICS	1
ROCKETS	2
SAFETY	46
SAFETY	46
SAFETY CONTROL	67
SAIL COMPUTER CONTROL	53
SAILING SHIPS	53
SALMON	41
SALT	70
SALT	71
SANITARY ENGINEERING	11
SANITATION	24
SANITATION	24
SATELLITE BROADCASTING	70
SATELLITE COMMUNICATION	72
SCIENCE SHIPS	53

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
SCLEROTIA	28
SCLEROTIA	28
SEA TRAINING	53
SEA WATER ANALYSIS	71
SEED	29
SEED	29
SEED	29
SEED	30
SEED	30
SEED	30
SEED	31
SEED	31
SEED	31
SEED	31
SEED	32
SEED	32
SEED	34
SEISMICITY	7
SEISMOLOGICAL	53
SEISMOLOGY	55
SEISMOLOGY	62
SEMICONDUCTORS	69
SENSORY TEST	71
SERICULTURAL	23
SERICULTURE	23
SEROLOGY	14
SHIP RESEARCH	51
SHIP DYNAMICS	51
SHIP EQUIPMENT	51
SHIP PRODUCTION	51
SHIP STRUCTURE	51
SHIPBUILDING	77
SIGNAL	68
SILK CONDITIONING	27
SILK CONDITIONING	27
SILK FIBER	23
SILKWORM BREEDING	23
SILKWORM PHYSIOLOGY	23
SILKWORM-EGG	23
SILKWORM-EGG	23
SILVICULTURE	26
SMOKE RESEARCH	71
SNOW	7
SNOW DISASTER	7
SOCIAL DEVELOPMENT	77
SOCIAL SECURITY FINANCES	77
SOCIAL SECURITY STANDARD INDEX	77
SOFT TECHNOLOGY	43

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
SOIL	16
SOIL AMELIORATION	1
SOIL CONSERVATION	1
SOIL ENVIRONMENT	4
SOIL MECHANICS	1
SOIL MECHANICS	68
SOIL.	28
SOILS	22
SOILS	52
SOLID STATE PHYSICS	69
SOLID-STATE CHMISTRY	69
SPACE	67
SPACE	67
SPACE DEVELOPMENT	67
SPACE PHYSICS	58
SPACE TECHNOLOGY	5
SPECIAL DIET	13
SPINNING	23
SPINNING	23
STANDARDS	27
STANDARDS	45
STANDARDS	66
STANDARDS	66
STANNIC OXIDE	8
STATION	68
STATISTICAL	77
STATISTICS	11
STATISTICS	16
STEEL	68
STORM	7
STRUCTURAL ENGINEERING	62
STRUCTURE	61
STRUCTURE	68
STRUCTURE ENGINEERING	67
STRUCTURES	1
STRUCTURES	52
SUGAR BEET	20
SUGARCANE	31
SURVEY	60
SWITCHBOARD SYSTEMS	72
SWITCHING SYSTEMS	64
SWITCHING TECHNOLOGY	64
SYNTHETIC CHEMISTRY	15
SYNTHETIC CHEMISTRY	46
SYNTHETIC ORGANIC CHEMISTRY	69
SYSTEM ENGINEERING	68
SYSTEM PLANNING	4

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
SYSTEMS ANALYSIS	4
SYSTEMS PLANNING	67
SYSTEMS SCIENCE	42
TEA	19
TEA	31
TEA	32
TEA	32
TECHNOLOGICAL TEST SATELLITE DESIGN	67
TELEGRAPH	72
TELEPHONE	72
TELEVISION SYSTEM	70
TERMINAL EQUIPMENT	72
TERMINAL STATIONS	72
TESTING	3
TESTING	42
TEXTILES	43
TEXTILES	43
THERMAL MEASUREMENT	42
THERMOMETRY	42
THERMONUCLEAR FUSION	65
THERMONUCLEAR FUSION	69
TITANIUM OXIDE	8
TITANIUM SULFIDES	8
TOBACCO	71
TOBACCO AROMA	71
TOBACCO AROMA CONSTITUENTS	71
TOBACCO MANUFACTURING	71
TOBACCO MATERIALS	71
TOBACCO PRODUCTION	71
TOBACCO PRODUCTION	71
TOBACCO PRODUCTION	71
TOKAMAK	65
TOPOGRAPHIC	60
TOXICOLOGY	15
TOXICOLOGY	24
TRACK	68
TRACK MATERIALS	68
TRACKING	67
TRACKING	67
TRACKING	67
TRACKING	67
TRACKING	67
TRAFFIC	1
TRAFFIC SAFETY	52
TRAFFIC CONTROL	68
TRAFFIC ENGINEERING	1
TRAIN OPERATION	68

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
TRAINING	3
TRAINING	54
TRAINING	56
TRAINING	72
TRAINING	73
TRANSMISSION	64
TRUNK TRANSMISSION SYSTEM	64
TUBERCULOSIS	13
TURBINE STEAMERS	53
TYPHOON	55
U.N. TRAINING CO-OPERATION	9
UPLAND CROPS	22
UPLAND FARMING	16
UPLAND FARMING	20
UPLAND FARMING	22
UPPER ATMOSPHERE METEOROLOGY	55
UPPER ATMOSPHERE PHYSICS	55
URBAN PLANNING	62
UTILIZATION	25
V/STOL AIRCRAFT RESEARCH	5
VEGETABLE	18
VEHICLES	2
VETERINARY	11
VETERINARY ASSAY	27
VETERINARY SCIENCES	13
VIRAL	24
VIROLOGY	12
VIROLOGY	14
VIRUS	71
VIRUS DIAGNOSTIC	13
VISUAL COMMUNICATION	64
VOCATIONAL	76
VOLCANOLOGY	55
WASTE WATER TREATMENT	48
WATER	39
WATER RESOURCES	77
WATER ENVIRONMENT	4
WATER MANAGEMENT	19
WATER POLLUTION CONTROL	46
WATER QUALITY CONTROL	61
WEAPONS	2
WEAPONS	2
WEAPONS	2
WELDIING	51
WELDING	6
WELDING	68
WOOD TECHNOLOGY	26

MONOGRAPH INDEX BY SUBJECT

<u>SUBJECT</u>	<u>PAGE NO.</u>
WORKING ENVIRONMENT	57
YARD	68
ZIRCONIUM CARBIDE	8

MONOGRAPH INDEX BY CITY

<u>CITY</u>	<u>PAGE NO.</u>
AICHI 444-21	37
AICHI 462	47
AOMORI 039-25	35
CHIBA 271	10
CHIBA 272	12
CHIBA 277	56
CHIBA 280	6
FUKUOKA 801	28
FUKUOKA 833	22
FUKUSHIMA 961	36
FUKUSHIMA 961	36
GIFU 504	3
GUMMA 377	30
HIROSHIMA 720	21
HIROSHIMA 729-15	37
HIROSHIMA 737-01	50
HIROSHIMA 739-04	39
HOKKAIDO 048-16	29
HOKKAIDO 056-01	34
HOKKAIDO 057-01	35
HOKKAIDO 059-14	29
HOKKAIDO 061-01	20
HOKKAIDO 061-01	48
HOKKAIDO 061-11	29
HOKKAIDO 062	1
HOKKAIDO 062	2
HOKKAIDO 069-01	32
HOKKAIDO 085	38
HOKKAIDO 089-12	30
HOKKAIDO 062	41
HOKKAIDO 195	34
HYOGO 651	27
HYOGO 651	28
HYOGO 679-41	37
IBARAKI 254	18
IBARAKI 300-12	4
IBARAKI 300-12	17
IBARAKI 300-12	26
IBARAKI 300-20	55
IBARAKI 300-21	16
IBARAKI 300-21	19
IBARAKI 300-21	23
IBARAKI 300-21	24
IBARAKI 300-21	25
IBARAKI 300-21	25
IBARAKI 300-21	25
IBARAKI 300-21	56

MONOGRAPH INDEX BY CITY

<u>CITY</u>	<u>PAGE NO.</u>
IBARAKI 300-21	60
IBARAKI 300-26	61
IBARAKI 300-26	77
IBARAKI 300-31	8
IBARAKI 300-32	7
IBARAKI 300-32	62
IBARAKI 305	42
IBARAKI 305	42
IBARAKI 305	43
IBARAKI 305	43
IBARAKI 305	44
IBARAKI 305	45
IBARAKI 305	46
IBARAKI 305	46
IBARAKI 305	55
IBARAKI 305-21	45
IBARAKI 310	33
IBARAKI 315-01	52
IWATE 020-01	20
IWATE 020-01	33
IWATE 020-01	35
KAGAWA 761	49
KAGAWA 765	22
KAGOSHIMA 891-36	31
KAGOSHIMA 897-03	32
KANAGAWA 213	59
KANAGAWA 227	71
KANAGAWA 231	27
KANAGAWA 231	28
KANAGAWA 231	54
KANAGAWA 237	72
KANAGAWA 239	52
KANAGAWA 253	74
KUMAMOTO 861-11	34
KUMAMOTO 861-11	38
MIE 514-01	18
MIE 517-07	41
MIYAGI 983	49
MIYAGI 985	39
MIYAZAKI 880	54
MIYAZAKI 886	38
NAGANO 381-12	53
NAGANO 385	36
NAGANO 391-01	30
NAGASAKI 850	40
NAGASAKI 869-12	31
NARA 630	32

MONOGRAPH INDEX BY CITY

<u>CITY</u>	<u>PAGE NO.</u>
NIIGATA 943-01	21
NIIGATA 951	40
OKAYAMA 709-43	33
OSAKA 563	47
SAGA 841	48
SAITAMA 330	73
SAITAMA 338	77
SAITAMA 351	69
SAITAMA 365	16
SHIZUOKA 424	41
SHIZUOKA 428	19
SHIZUOKA 428	31
TOCHIGI 329-27	17
TOKYO 100	4
TOKYO 100	6
TOKYO 100	9
TOKYO 100	11
TOKYO 100	53
TOKYO 100	57
TOKYO 100	75
TOKYO 100	77
TOKYO 102	1
TOKYO 104	14
TOKYO 104	39
TOKYO 105	65
TOKYO 105	66
TOKYO 105	67
TOKYO 105	73
TOKYO 105	75
TOKYO 107	65
TOKYO 108	11
TOKYO 108	59
TOKYO 108	73
TOKYO 114	10
TOKYO 114	10
TOKYO 114	23
TOKYO 141	12
TOKYO 153	3
TOKYO 153	5
TOKYO 153	72
TOKYO 154	2
TOKYO 154	75
TOKYO 157	70
TOKYO 157	76
TOKYO 158	15
TOKYO 162	12
TOKYO 162	13

MONOGRAPH INDEX BY CITY

<u>CITY</u>	<u>PAGE</u>	<u>NO.</u>
TOKYO 164	76	
TOKYO 180	5	
TOKYO 180	64	
TOKYO 181	51	
TOKYO 181	51	
TOKYO 181	52	
TOKYO 181	63	
TOKYO 184	58	
TOKYO 185	27	
TOKYO 185	68	
TOKYO 185	74	
TOKYO 187	26	
TOKYO 189	13	
TOKYO 190	3	
TOKYO 191	40	
TOKYO 192	76	
TOKYO 194-01	74	
TOTTORI 689-25	37	

<u>INSTITUTE</u>	<u>PAGE NO.</u>
AEROLOGICAL OBSERVATORY	55
AEROMEDICAL LABORATORY	3
AGRICULTURAL CHEMICAL INSPECTION STATION	26
AIR PROVING WING	3
BUILDING RESEARCH INSTITUTE	62
CENTRAL AGRICULTURAL EXPERIMENT STATION	16
CENTRAL CUSTOMS LABORATORY	10
CENTRAL RESEARCH INSTITUTE,	
CHIRAN REPRODUCTION OF TEA SEED FARM	32
CHUGOKU NATIONAL AGRICULTURAL EXPERIMENT STATION	21
CHUHGOKU LIVESTOCK BREEDING STATION	37
CIVIL AVIATION COLLEGE	54
CIVIL ENGINEERING LABORATORY	74
CIVIL ENGINEERING RESEARCH INSTITUTE	1
CONSTRUCTION MACHINERY PLANT	2
ECONOMIC RESEARCH INSTITUTE	4
ELECTRICAL COMMUNICATION LABORATORY	64
ELECTRONIC NAVIGATION RESEARCH INSTITUTE	51
ELECTROTECHNICAL LABORATORY	45
EQUINE HEALTH LABORATORY, JAPAN RACING ASSOCIATION	75
FERMENTATION RESEARCH INSTITUTE	43
FIRE RESEARCH INSTITUTE	63
FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE	26
FRESHWATER FISHERIES RESEARCH LABORATORY	40
FRUIT TREE RESEARCH STATION	18
FUKUSHIMA NATIONAL LIVESTOCK BREEDING STATION	36
GEOGRAPHICAL SURVEY INSTITUTE	60
GEOLOGICAL SURVEY OF JAPAN	44
GOVERNMENT INDUSTRIAL DEVELOPMENT LABORATORY, HOKKAIDO	48
GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, OSAKA	47
GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, NAGOYA	47
GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, KYUSHU	48
GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, SHIKOKU	49
GOVERNMENT INDUSTRIAL RESEARCH INSTITUTE, TOHOKU	49
HIDAKA LIVESTOCK BREEDING STATION	35
HOKKAIDO NATIONAL AGRICULTURAL EXPERIMENT STATION	20
HOKKAIDO REGIONAL FISHERIES RESEARCH LABORATORY	38
HOKKAIDO SALMON HATCHERY	41
HOKURIKU NATIONAL AGRICULTURAL EXPERIMENT STATION	21
HYOGO NATIONAL LIVESTOCK BREEDING STATION	37
IBURI POTATO FOUNDATION SEED FARM	29
INDUSTRIAL PRODUCTS RESEARCH INSTITUTE	45
INSTITUTE FOR PLANT VIRUS RESEARCH	25
INSTITUTE FOR SEA TRAINING, MINISTRY OF TRANSPORT	53
INSTITUTE OF AGRICULTURAL MACHINERY	73
INSTITUTE OF KOKUSAI DENSHIN DENWA CO., LTD.	72
INSTITUTE OF POPULATION PROBLEMS	11
INSTITUTE OF PUBLIC HEALTH (IPH)	11
IWATE NATIONAL LIVESTOCK BREEDING STATION	35

<u>INSTITUTE</u>	<u>PAGE NO.</u>
JAPAN ATOMIC ENERGY RESEARCH INSTITUTE	65
JAPAN ELECTRIC METERS INSPECTION CORPORATION	66
JAPAN HOUSING CORPORATION GENERAL RESEARCH LABORATORY	76
JAPAN MARINE SCIENCE AND TECHNOLOGY CENTER	72
JAPAN NUCLEAR SHIP DEVELOPMENT AGENCY	73
JAPAN SEA REGIONAL FISHERIES RESEARCH LABORATORY	40
KANAYA TEA STOCK SEED FARM	31
KANSAI FOREST TREE BREEDING STATION	33
KANTO FOREST TREE BREEDING INSTITUTE	33
KOBE PLANT PROTECTION STATION	28
KOBE SILK CONDITIONING HOUSE	27
KUMAMOTO LIVESTOCK BREEDING STATION	38
KYUSHU AGRICULTURAL EXPERIMENT STATION	22
KYUSHU FOREST TREE BREEDING STATION	34
MAGNETIC OBSERVATORY	52
MARITIME SAFETY AGENCY RESEARCH CENTER	54
MECHANICAL ENGINEERING LABORATORY	42
METEOROLOGICAL COLLEGE	56
METEOROLOGICAL INSTRUMENT PLANT	56
METEOROLOGICAL RESEARCH INSTITUTE	55
MIYAZAKI LIVESTOCK BREEDING STATION	38
MOJI PLANT PROTECTION STATION	28
NHK BROADCASTING SCIENCE RESEARCH LABORATORY	76
NHK TECHNICAL RESEARCH LABORATORIES	70
NAGANO NATIONAL LIVESTOCK BREEDING STATION	36
NANSEI REGIONAL FISHERIES RESEARCH LABORATORY	39
NARA TEA STOCK SEED FARM	32
NATIONAL AEROSPACE LABORATORY	5
NATIONAL CANCER CENTER RESEARCH INSTITUTE	14
NATIONAL CHEMICAL LABORATORY FOR INDUSTRY	46
NATIONAL CONSUMER INFORMATION CENTER	73
NATIONAL DEFENSE COLLEGE	3
NATIONAL FOOD RESERCH INSTITUTE	25
NATIONAL GRASSLAND RESEARCH INSTITUTE	17
NATIONAL HOKKAIDO FOREST TREE BREEDING STATION	32
NATIONAL HOKKAIDO-CHUO POTATO FOUNDATION STOCK SEED FARM	29
NATIONAL INSTITUTE FOR ENVIRONMENTAL STUDIES	4
NATIONAL INSTITUTE FOR LEPROSY RESEARCH	13
NATIONAL INSTITUTE FOR RESEARCH IN INORGANIC METALS	8
NATIONAL INSTITUTE OF AGRICULTURAL SCIENCE	16
NATIONAL INSTITUTE OF ANIMAL HUSBANDRY	17
NATIONAL INSTITUTE OF ANIMAL HEALTH	24
NATIONAL INSTITUTE OF HEALTH	12
NATIONAL INSTITUTE OF HOSPITAL ADMINISTRATION	13
NATIONAL INSTITUTE OF HYGIENIC SCIENCES	15
NATIONAL INSTITUTE OF INDUSTRIAL HEALTH	59
NATIONAL INSTITUTE OF MENTAL HEALTH	12
NATIONAL INSTITUTE OF NUTRITION	12
NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCE	6

<u>INSTITUTE</u>	<u>PAGE NO.</u>
NATIONAL INSTITUTE OF RESOURCES	6
NATIONAL INSTITUTE OF VOCATIONAL RESEARCH	76
NATIONAL KAGOSHIMA SUGARCANE FOUNDATION SEED FARM	31
NATIONAL RESEARCH CENTER FOR DISASTER PREVENTION	7
NATIONAL RESEARCH INSTITUTE OF POLICE SCIENCE	1
NATIONAL RESEARCH INSTITUTE FOR METALS	5
NATIONAL RESEARCH INSTITUTE OF BREWING	10
NATIONAL RESEARCH INSTITUTE OF TEA	19
NATIONAL RESEARCH INSTITUTE OF AGRICULTURAL ENGINEERING	19
NATIONAL RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS	23
NATIONAL RESEARCH INSTITUTE FOR POLLUTION AND RESOURCES	46
NATIONAL RESEARCH LABORATORY OF METROLOGY	42
NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN	67
NATIONAL VETERINARY ASSAY LABORATORY	27
NIKAPPU NATIONAL LIVESTOCK BREEDING STATION	34
OCEAN FISHERIES RESEARCH LABORATORY	41
OHU NATIONAL LIVESTOCK BREEDING STATION	35
OKAZAKI NATIONAL POULTRY BREEDING STATION	37
PEARL RESEARCH LABORATORY	41
PORT AND HARBOUR RESEARCH INSTITUTE	52
POWER REACTOR AND NUCLEAR FUEL DEVELOPMENT CORPORATION	65
PUBLIC WORKS RESEARCH INSTITUTE	61
RADIO RESEARCH LABORATORIES	58
RAILWAY LABOR SCIENCE RESEARCH INSTITUTE	74
RAILWAY TECHNICAL RESEARCH INSTITUTE	68
RESEARCH INSTITUTE FOR POLYMERS AND TEXTILES	43
RESEARCH INSTITUTE OF CAPITAL FORMATION	75
RESEARCH INSTITUTE OF INDUSTRIAL SAFETY	59
RESEARCH INSTITUTE OF PRINTING BUREAU	10
RESEARCH AND TRAINING INSTITUTE	9
SEIKAI REGIONAL FISHERIES RESEARCH LABORATORY	40
SEISMOLOGICAL OBSERVATORY, JAPAN METEOROLOGICAL AGENCY	53
SERICULTURAL EXPERIMENT STATION	23
SHIKOKU NATIONAL AGRICULTURAL EXPERIMENT STATION	22
SHIP RESEARCH INSTITUTE	51
SHIRAKAWA NATIONAL LIVESTOCK BREEDING STATION	36
SHIRIBESHI POTATO FOUNDATION STOCK SEED FARM	29
TECHNICAL RESEARCH AND DEVELOPMENT INSTITUTE	2
TECHNOLOGY RESEARCH CENTER	75
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH	69
THE JAPAN TOBACCO AND SALT PUBLIC CORPORATION	71
THE LABORATORY OF NIHON DORO KODAN	74
THE MEDICAL LABORATORY, HEALTH DIVISION	57
THE SHIPBUILDING RESEARCH CENTER, OIL SPILL PREVENTION INSTITUTE	77
THE SOCIAL DEVELOPMENT RESEARCH INSTITUTE	77
TOHOKU FOREST TREE BREEDING INSTITUTE	33
TOHOKU NATIONAL AGRICULTURAL EXPERIMENT STATION	20
TOHOKU REGIONAL FISHERIES RESEARCH LABORATORY	39
TOKACHI NATIONAL LIVESTOCK BREEDING STATION	34

<u>INSTITUTE</u>	<u>PAGE NO.</u>
TOKACHI POTATO FOUNDATION STOCK SEED FARM	30
TOKAI REGIONAL FISHERIES RESEARCH LABORATORY	39
TOTTORI LIVESTOCK BREEDING STATION	37
TRAFFIC SAFETY AND NUISANCE RESEARCH INSTITUTE	52
TROPICAL AGRICULTURE RESEARCH CENTER	25
TSUMAGOI POTATO FOUNDATION STOCK SEED FARM	30
UNZEN POTATO FOUNDATION STOCK SEED FARM	31
VEGETABLE AND ORNAMENTAL CROPS RESEARCH STATION	18
WATER RESOURCES DEVELOPMENT PUBLIC CORPORATION LABORATORY	77
YATSUGATAKE POTATO FOUNDATION STOCK SEED FARM	30
YOKOHAMA PLANT PROTECTION STATION	28
YOKOHAMA SILK CONDITIONING HOUSE	27

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