

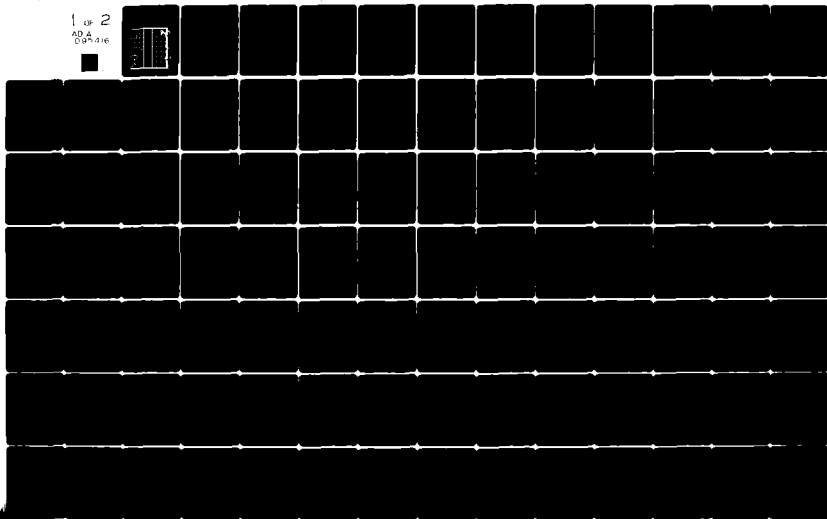
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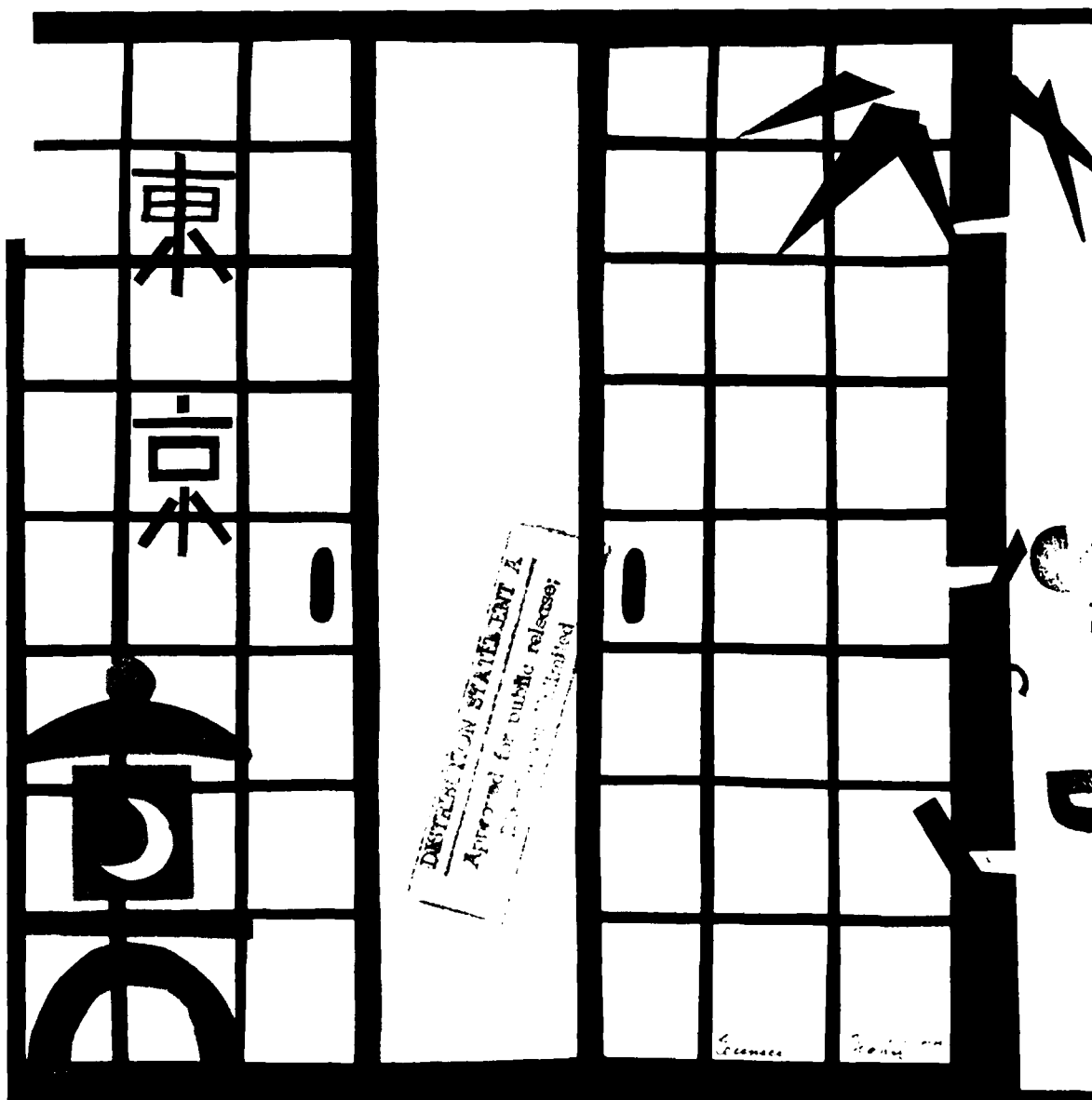
SCIENTIFIC MONOGRAPH



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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Washington, D. C., July 1978
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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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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
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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 in 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

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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)
- Niiijima 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, Katsuoh-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 : I, 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 : I, 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, Shinhamma, 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
Location : Agency of Industrial Science and Technology, MITI
 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
Location : Agency of Industrial Science and Technology, MITI
 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	¥ 2,510,96

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	¥ 780,22

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, 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 ¥ 4,

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 22
 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 spacial 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

Oarai 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, Hirosawa, 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 Resources 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

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