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Section A: PROFILE

1. Composition of National Committee:

Title of the National Committee: Government Headquarters for IDNDR

Director: Prime Minister

[1]

Deputy Directors: Minister for Science and Technology Agency;

Minister for National Land Agency;

Minister for Foreign Affairs;

Minister for Transport;

Minister for Construction;

and Minister for Home Affairs

[6]

Members: Deputy Chief Cabinet Secretary;

Commissioner General of National Police Agency;

Administrative Vice-Minister for Management and Coordination Agency;

Administrative Vice-Minister for Hokkaido Development Agency;

Administrative Vice-Minister for Defense Agency;

Administrative Vice-Minister for Economic Planning Agency;

Administrative Vice-Minister for Science and Technology Agency;

Administrative Vice-Minister for Environment Agency;

Administrative Vice-Minister for Okinawa Development Agency;

Administrative Vice-Minister for National Land Agency;

Administrative Vice-Minister for Justice;

Administrative Vice-Minister for Foreign Affairs;

Administrative Vice Minister for Finance;

Administrative Vice-Minister for Education;

Administrative Vice Minister for Health and Welfare;

Administrative Vice-Minister for Agriculture, Forestry and Fisheries;

Administrative Vice-Minister for International Trade and Industry;

Administrative Vice-Minister for Transport;

Administrative Vice-Minister for Posts and Telecommunications;

Administrative Vice-Minister for Labour;

Administrative Vice-Minister for Construction;

and Administrative Vice-Minister for Home Affairs

[22]

2. Internal organization of the National Committee

In accordance with "The Basic Policy for Promoting Activities for the 'International Decade for Natural Disaster Reduction'" (Government Headquarters for IDNDR Decision, November 6, 1989; described later) which serves as the basis for IDNDR activities in Japan, the members of Government Headquarters for IDNDR are developing the following activities under their respective jurisdiction. The National Land Agency,

functioning as the secretariat of Government Headquarters for IDNDR, is arranging and adjusting the IDNDR activities carried out by respective members of the Headquarters.

(1) Science and Technology Agency

- o Promotion of scientific and technological studies concerning disaster reduction.

(2) National Land Agency

- o Operation of Government Headquarters for IDNDR.

<Disaster Prevention>

- o Comprehensive adjustment of disaster prevention measures.
- o Various disaster countermeasures.
- o Strengthening the system of collecting and transmitting disaster information.
- o Extension of disaster reduction concept, etc.

<Disaster Emergency Measures>

- o Emergency call, and collection and transmission of disaster information.
- o Comprehensive adjustment of disaster emergency measures.
- o Dispatch of the government survey team.
- o Installation and operation of Headquarters for Major Disaster Countermeasures.
- o Declaration of extraordinary disaster situation and installation of Headquarters for Extraordinary Disaster Countermeasures.

<Disaster Restoration>

- o Comprehensive adjustment of disaster restoration measures.
- o Measures to be taken for disaster of extreme severity.

(3) Ministry of Foreign Affairs

- o Provision of official development assistance through loans, grant aid, technical cooperation, etc. for natural disaster reduction.
- o Executing the cooperation with foreign governments and international organizations for international disaster reduction.

(4) Ministry of Transport

- o Maintenance of traffic facilities, coastal protection facilities and lodging facilities.
- o Securing transportation in disaster.
- o Emergency restoration works and disaster restoration.

[Maritime Safety Agency]

- o Improvement project for patrol vessels/craft and aircraft, establishment of special resume term, etc.
- o Collection and transmission of information.
- o Dispatch of vessels and aircraft.
- o Securing sea traffic.
- o Emergency transport.
- o Maintenance of safety and security of dangerous goods.

[Meteorological Agency]

- o Maintenance and improvement of meteorological works concerning disaster reduction.
- o Promotion of studies concerning natural phenomena.
- o Collection and transmission of data.

(5) Ministry of Construction

<Disaster Prevention>

- o Execution of disaster prevention education.
- o Execution of disaster prevention exercise.
- o Stockpiling of materials and equipments for housing construction.
- o Development and improvement of public facilities such as flood fighting facilities, flood control facilities, coastal protection facilities and Sabo facilities.
- o Promotion of urban structuring oriented to disaster reduction.
- o Designation of hazardous areas, etc.
- o Disaster preventive measures with the creation of housing land.
- o Disaster preventive measures for government buildings.
- o Disaster preventive measures for special buildings.
- o Guidance of safety of general buildings, etc.
- o Disaster preventive measures for town areas surrounding petro-chemical complex, etc.
- o Countermeasures for snowfall disaster.
- o Loan by Housing Loan Corporation.

<Emergency disaster measures>

- o Transmission of prediction and warning of the disaster and method of caution.
- o Collection of information on a disaster.
- o Public information on a disaster.
- o Securing refuge sites and evacuation roads.
- o Flood fighting activities.
- o Grasp and emergency use of building materials.
- o Grasp and emergency call-out of engineers.
- o Securing restoration materials.
- o Securing road traffic.
- o Execution of emergency works.
- o Control of dams, weirs, water gates, etc.

<Disaster Restoration>

- o Basic guideline of disaster restoration.
- o Application of special provisions of land lease and house rent system.
- o Securing housing for the victims.

(6) Ministry of Home Affairs

[Fire-Defense Agency]

<Disaster Prevention>

- o Guidance of disaster prevention system at local governments.

- o Execution of disaster prevention education and extension of disaster reduction concept.
- o Execution of disaster prevention exercise.
- o Development and improvement of information system.
- o Fact finding of areas vulnerable to hazards and prior measures.
- o Thorough control of hazardous articles.

<Emergency Disaster Measures>

- o Collection and transmission of information on a disaster.
- o First-aid services and rescue activities.
- o Execution of evacuation measures.
- o Implementing wide-area supports.
- o Field survey.

<Disaster Restoration>

- o Promoting disaster restoration.
- o Financial measures for local governments.
- o Remedial measures pertaining to local taxes.

(7) Prime Minister's Office

- o Liaison with Cabinet Secretariat relative to establishment of Headquarters for Major Disaster Countermeasures, etc.
- o Execution of government notification performed by administrative organs concerning disasters.

(8) National Police Agency

- o Development and improvement of disaster prevention systems in the Police Forces.
- o Collection and transmission of information.
- o Direction and supervision to the Prefectural Police Forces within the jurisdiction of the National Police Agency.
- o Securing road traffic.

(9) Management and Coordination Agency

- o Securing traffic safety.
- o Promoting processing of complaints.

(10) Hokkaido Development Agency

- o Adjustment and promotion of disaster prevention projects under "Comprehensive Hokkaido Development Plan."

(11) Defense Agency

- o Basic survey of documents concerning disaster prevention.
- o Liaison and coordination with relevant organizations.
- o Formulation of plans for disaster relief operations.
- o Education and training concerning disaster prevention.
- o Maintenance and inspection of equipment and materials concerning disaster concerning disaster prevention.

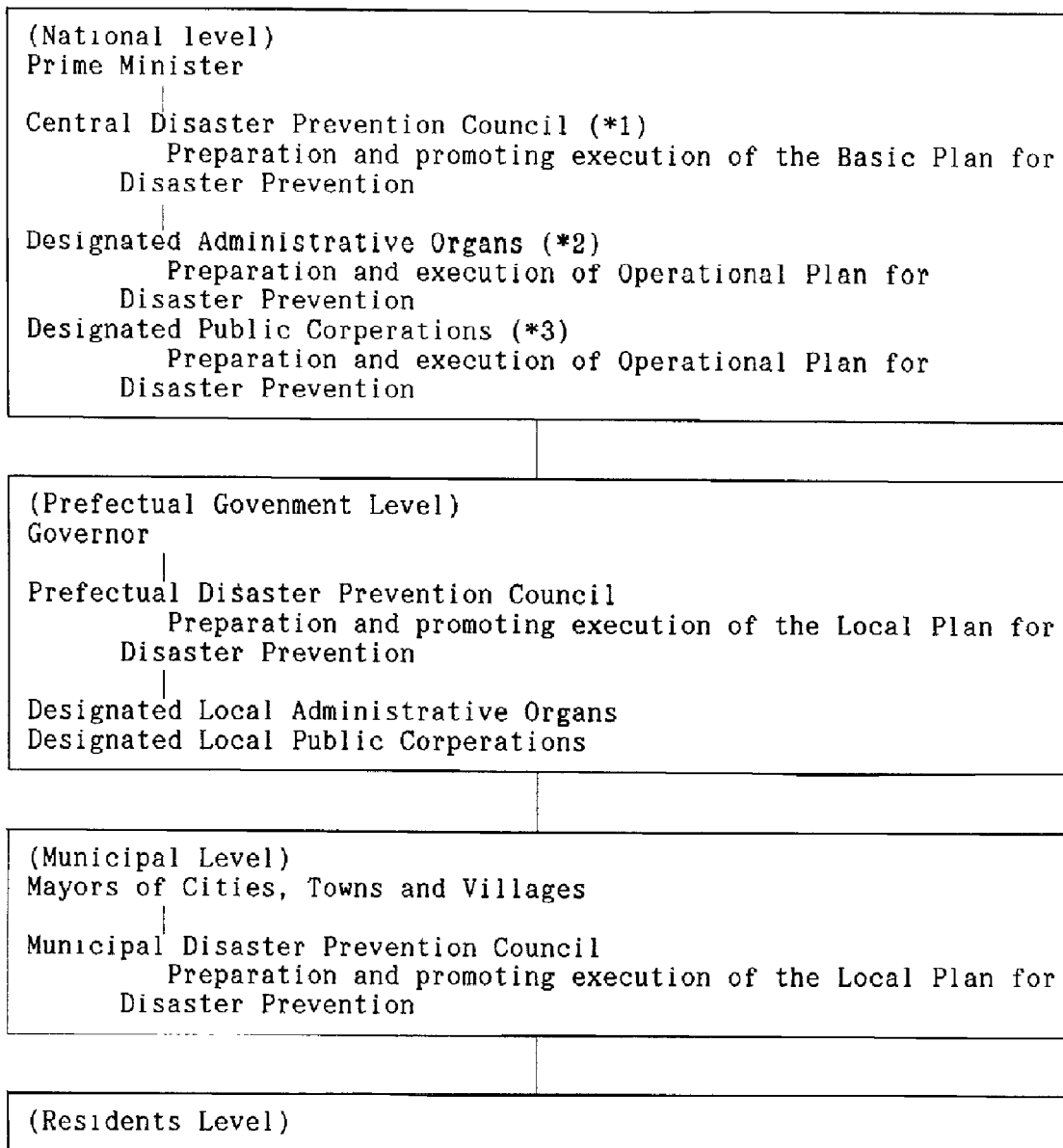
- (12) Economic Planning Agency
 - o Collection and transmission of information concerning demands and supplies and price trends of daily necessities.
- (13) Environment Agency
 - o Prevention of land subsidence, etc.
- (14) Okinawa Development Agency
 - o Adjustment and promotion of disaster prevention projects under "Okinawa Development and Promotion Plan."
- (15) Ministry of Justice
 - o Operation of the Law providing Temporary Measures concerning Leased Land and Buildings in the Cities Damaged by War.
- (16) Ministry of Finance
 - o Presence to damage assessment.
 - o Loans of Trust Fund Bureau Fund.
 - o Lease of national property free of charge.
 - o Guidance for financial considerations.
 - o Deferment of collection, reduction of or exemption from national taxes, etc.
 - o Adequate operation of rules and regulations concerning disaster restoration.
- (17) Ministry of Education, Science and Culture
 - <Research>
 - o Promotion of scientific researches concerning disaster reduction.
 - <Disaster Prevention>
 - o Implementing necessary education for disaster prevention.
 - o Implementing necessary training for disaster prevention.
 - o Disaster preventive measures for educational and cultural facilities.
 - <Emergency Disaster Measures>
 - o Prompt and adequate evacuation measures.
 - o Emergency measures concerning education.
 - <Disaster Restoration>
 - o Restoration projects of educational and cultural facilities.
 - [Agency for Cultural Affairs]
 - o Disaster prevention, emergency disaster measures and disaster restoration for cultural properties.
- (18) Ministry of Health and Welfare
 - <Disaster Prevention>
 - o Securing relief equipment and materials.
 - o Guidance of Japanese Red Cross Society.
 - o Disaster prevention measures at medical facilities - social welfare facilities, environmental sanitation facilities.
 - <Emergency Disaster Measures>

- o Disaster relief.
 - o Health and sanitation at a disaster.
 - <Disaster Restoration>
 - o Restoration of medical facilities.
 - o Relief of the victims.
- (19) Ministry of Agriculture, Forestry and Fisheries
- <Disaster Prevention>
 - o Execution of national land conservation projects.
 - o Establishment of disaster preventive farm management system.
 - <Emergency Disaster Measures>
 - o Supply of foods at a disaster site.
 - <Disaster Restoration>
 - o Execution of disaster restoration projects.
 - o Disaster financing.
- (20) Ministry of International Trade and Industry
- <Disaster Prevention>
 - o Development of a disaster-resisting environment.
 - <Emergency Disaster Measures>
 - o Securing commodities related to disaster prevention.
 - o Securing proper business operation of enterprises.
 - <Disaster Restoration>
 - o Promotion of damaged smaller enterprises.
- (21) Ministry of Posts and Telecommunications
- o Maintenance and securing safety of communication facilities.
 - o Securing broadcasting in disasters.
 - o Securing operation of postal services in disasters.
 - o Special handling of postal services in disasters.
 - o Emergency restoration of damaged post offices.
 - o Disaster emergency loans to local public organizations from postal life insurance annuity fund.
- (22) Ministry of Labour
- <Disaster prevention>
 - o Education and training on disaster prevention.
 - o Labour measures for disaster emergency works.
 - o Maintenance of window services at Labour Standards Inspection Offices, Public Employment Security Offices.
 - <Disaster restoration>
 - o Labour measures for disaster restoration works.
 - o Measures for suffered labourers.
 - o Measures for suffered enterprises.

* In the ministries and agencies, the international cooperation and exchanges are promoted of the matters under the respective jurisdiction.

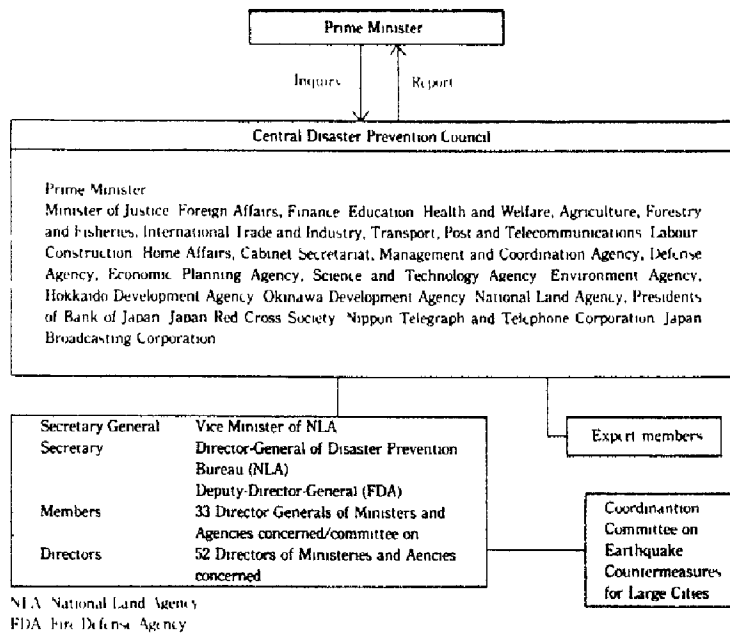
* Besides, as for the Domestic Basic Framework of Disaster Countermeasures in Japan, in accordance with the Disaster Countermeasures Basic Act, the disaster prevention is carried out comprehensively and intentionally as below;

(1) Disaster Prevention



(*1) Central Disaster Prevention Council

The Government has established Central Disaster Prevention Council for deliberation of important matters concerning disaster prevention including formulation and promoting the execution of the Basic Plan for Disaster Prevention, with the Prime Minister as chairperson and the heads of Designated Administrative Organs and other scholars and experts as members. The Government is making efforts for promotion of extensive and comprehensive countermeasures against disasters.



*Minister of Home Affairs is also appointed the Chairman of National Public Safety Commission

(*2) Designated Administrative Organs

As the national organizations for disaster prevention, 29 ministries and agencies are designated as "Designated Administrative Organs".

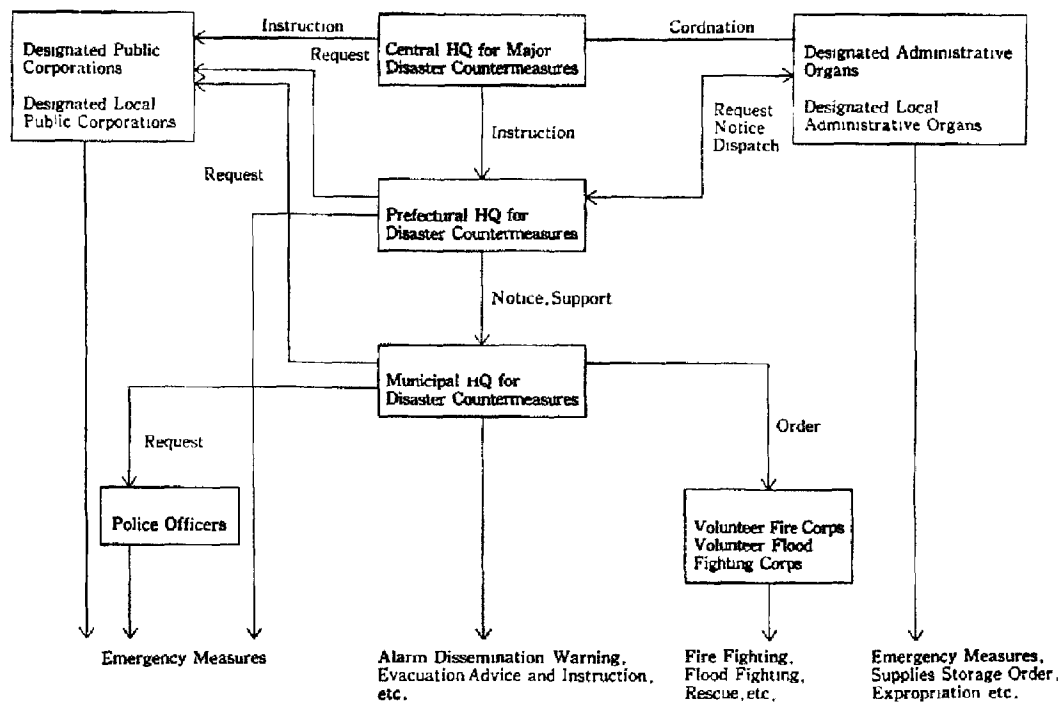
(*3) Designated Public Corporations

As the public corporations for disaster prevention, 37 corporations in the fields of transportation, electric power, gas, etc., including Nippon Telegraph and Telephone, Nippon Broadcasting Corporation are designated as "Designated Public Corporations"

(2) Disaster Emergency Measures

In the event of a disaster, the municipality of the area responds first and takes emergency measures with headquarters for disaster countermeasures established, as required. Further, depending on the condition of the disaster, the prefectural government establishes the headquarters for disaster countermeasures and promotes countermeasures.

On the part of the Government, it establishes the headquarters for major disaster countermeasures and promotes comprehensive emergency countermeasures in consideration of the extent of the disaster.



3. Prevailing hazards (since 1945)

Type	Date	Disaster name	Location	Lost & missing (persons)
Storms and Floods	1945.9.17-18	Makurazaki Typhoon	Western Japan (especially Hiroshima)	3,756
	1947.9.14-15	Catherine Typhoon	Tokai and northward	1,930
	1948.9.15-17	Ion Typhoon	Shikoku to Tohoku (especially Iwate)	838
	1950.9.3-4	Jane Typhoon	Shikoku and northward	539
	1951.10.13-15	Ruth Typhoon	Nationwide (especially Yamaguchi)	943
	1953.6.23-30	Torrential Rain (front)	Kyushu, Shikoku and Chugoku (especially Northern-kyushu)	1,013
	1953.7.16-25	Torrential Rain in Nanki	Tohoku and westward (especially Wakayama)	1,124
	1954.5.8-12	Wind damage (cyclone)	Northern Japan and Kinki	670
	1954.9.24-27	Toyamaru Typhoon	Nationwide (especially Hokkaido and Shikoku)	1,761
	1957.7.25-28	Torrential Rain in Isahaya	Kyushu (especially around Isahaya)	722
	1958.9.26-28	Kanogawa Typhoon	Kinki and eastward (especially Shizuoka)	1,269
	1959.9.26-27	Isewan Typhoon	Nationwide (exclude Kyushu, especially Aichi)	5,098
Earthquake and Tsunami	1945.1.13	Mikawa Earthquake	Southern Aichi pre.	1,961
	1946.12.21	Nankai Earthquake	Nationwide (especially Chubu and westward)	1,432
	1948.6.28	Fukui Earthquake	Fukui Plain and the vicinities	3,895
	1952.3.4	Tokachi-oki Earthquake	Southern Hokkaido and Northern Tohoku	33
	1960.5.23	Chile Earthquake Tsunami	Southern shore of Hokkaido, Sanriku Coast and Shima peninsula	139
	1964.6.16	Niigata Earthquake	Niigata pre., Akita pre. and Yamagata pre.	26
	1968.5.16	Tokachi-oki Earthquake	Southern Hokkaido and Tohoku (especially Aomori)	52

Type	Date	Disaster name	Location	Lost & missing (persons)
Earthquake and Tsunami (continue)	1974.5.9	Izu-hanto-oki Earthquake	Southern edge of Izu peninsula	30
	1978.1.14	Izu-oshima-kinkai Earthquake	Izu peninsula	25
	1978.6.12	Miyagi-ken-oki Earthquake	Miyagi pre.	28
	1983.5.26	Nihon-kai-chubu Earthquake	Akita pre., Aomori pre. and Hokkaido	104
	1984.9.14	Nagano-ken-seibu Earthquake	Western Nagano pre.	29
	1993.7.12	Hokkaido-nansei-oki Earthquake	Hokkaido	231
Volcanic Eruption	1947.8.14	Mt. Asama Eruption	Around Mt. Asama	11
	1958.6.24	Mt. Aso Eruption	Around Mt. Aso	12
	1990.11.17- (now continuing)	Mt. Unzendake Eruption	Around Mt. Unzendake	44

Note: Storms and Floods with 500 persons or more killed or missing
Earthquake, Tsunami and Volcanic Eruption with 10 persons or more killed or missing

4. Recent natural disasters (last 10 years)

Type	Date	Disaster name	Location	Lost & missing (persons)	Affected Population (persons)	Total amount of damages facilities (nominal base, million yen)
Storms and Floods	1985.5.27-7.22	Torrential Rain and Typhoon 6	Kyushu to Tohoku	40	18,882	553,087
	1985.7.26	Landslide	Nagano City	26	343	2,747
	1985.8.28-9.1	Typhoon 12, 13, 14	Kyushu and Western Chugoku	33	4,615	84,505
	1986.5.13-7.24	Torrential Rain	Kagoshima pre. and Kyoto pre.	31	3,397	182,440
	1986.8.4-6	Typhoon 10	Pacific area of Tohoku and Kanto	20	121,787	338,779
	1988.6.7-7.29	Torrential Rain	Nationwide (especially Western Japan)	31	11,069	246,380
	1989.7.24-8.7	Typhoon 11, 12, 13	Nationwide	31	18,385	302,881
	1989.9.1-9.16	Torrential Rain	Nationwide	20	6,536	174,090
	1990.6.2-7.22	Torrential Rain	Nationwide (especially Kyushu)	32	34,584	492,534
	1990.9.11-20	Typhoon 19 and Torrential Rain	Nationwide (especially Western Japan)	44	29,691	619,799
	1991.9.12-28	Typhoon 17, 18, 19 and Torrential Rain	Nationwide	86	108,157	1,203,499
	1993.7.31-8.23	Heisei-5-nen-8-gatsu Torrential Rain	Nationwide	93	untotalization	untotalization
	1993.9.2-4	Typhoon 13	Nationwide	48	untotalization	untotalization

Type	Date	Disaster name	Location	Lost & missing (persons)	Affected Population (persons)	Total amount of damages facilities (nominal base, million yen)
Earthquake	1984.9.14	Nagano-ken seibu Earthquake	Nagano pre.	29	302	46,608
	1987.12.17	Earthquake	Chiba pre.	2	unknown	unknown
	1993.1.15	Kushiro-oki Earthquake	Kushiro City	2	untotalization	untotalization
	1993.7.12	Hokkaido-nansei-oki Earthquake	Hokkaido	231	untotalization	untotalization
	1993.10.12	Earthquake	Tokyo	1	untotalization	untotalization
Volcanic Eruption	1986.11.15 -12.18	Izu-Oshima Is. Eruption	Izu-Oshima Is.	-	-	2,302
	1988.12.16 1989.3.5	Mt. Tokachi-dake Eruption	Mt. Tokachi-dake	-	unknown	unknown
	1990.11.17- (now continuing)	Mt. Unzen-dake Eruption	Mt. Unzen-dake	44	untotalization	untotalization
Heavy Snowfall	1984.12 -1985.3	Heavy Snowfall	Japan Sea area (especially Hokuriku)	88	736	25,590
	1985.12 -1986.3	Heavy Snowfall	Hokuriku and Tohoku	90	226	99,303

Note: Storms and Floods and Heavy Snowfall with 20 persons or more killed or missing
Earthquake with a person/persons killed or missing
Volcanic Eruption with a person/persons killed or missing or with damages to houses or with refuge of residents

5. National socio-economic conditions

Year	Population (thousand)	Gross-National Product (billion yen)	Per-Capita Income (thousand yen)
1990	123,611	435,361.6	3,524
1991	124,043	459,018.7	3,702
1992	124,452	470,116.6	3,780

Source: "Census Report" and "Monthly Report of Population", Management and Coordination Agency; and "National Economy Calculation", Economic Planning Agency.

6. Availability of assistance to other countries in the field of natural disaster reduction

(1) Science and Technology Agency

- o Provision of observation data on damages caused by tsunamis, floods, volcanic eruptions, etc. with High Resolution Observing Satellite (HIROS).

(2) National Land Agency

- o Presentation of the disaster prevention system and disaster prevention measures of Japan.
- o Presentation of the guideline for preparation of the volcanic eruption disaster hazardous map.
- o Presentation of the manual for preparation of the liquefaction map.
- o Presentation of the disaster prevention information library (Database).

(3) Ministry of Foreign Affairs

- o Provision of official development assistance through loans, grant aid, technical cooperation, etc. for natural disaster reduction.

(4) Ministry of Transport

- o A earthquake resistant design technology for ports and harbours facilities and coastal protection facilities, a tsunami and storm surge protection technology and seismic damage restoration technology [Meteorological Agency]
- o Typhoon and other weather forecasting technology.
- o Meteorological observation technology with geo-station meteorological satellite, radar, etc.
- o Earthquake, tsunami and volcano observation technology.
- o Tsunami forecasting technology.

(5) Ministry of Construction

- o International disaster restoration assistance (advice on emergency disaster measures and disaster restoration, support to emergency disaster measures and disaster restoration, collection and analysis of disaster prevention information, and study of disasters).
- o Coastal technology (formulation of shore protection program and coastal protection facilities construction technology).
- o Erosion and Sediment control technology.
- o Slope protection related technology (technical guidance for landslide preventive project, steep slope failure preventive project and avalanche preventive project).
- o Technical suggestions on "OVERALL DESIGN STANDARD FOR SEISMIC CAPACITY OF GOVERNMENT BUILDINGS" and "Guidelines for Inspection and Improvement of Seismic Capacity for Government Buildings" (Established by Government Buildings Department, Ministry of Construction, 1987).
- o Standards for a seismic checkup of ground and road and river structures.
- o A seismic design technology for road and river structures.
- o A seismic design technology for lifeline facilities.
- o Anti-earthquake design technology for road bridges.
- o Seismic damage restoration technology for civil engineering structures.
- o Information collection and transmission technology in disaster.
- o Flood prediction and warning system.
- o Radar rain gauge system.
- o Training on technical knowledge and technology on disaster prevention.

(6) Fire-Defense Agency, Ministry of Home Affairs

- o Technical guidance on fire-defense facilities and equipment.
- o Fire service for administrative officers.
- o Rescue and first aid technique.
- o Fire fighting technique.
- o Disaster prevention administration.
- o Support of helicopter and other air equipment and materials, rescue work vehicle and other fire fighting motor-cars, portable radio, and other rescue equipment and materials.
- o Early tsunami prediction system.

(7) Hokkaido Development Agency

- o Civil engineering technology in cold and snowy regions; study on disaster prevention of harbors and coastline; study on control of river hazards; study on landslides; study on seismic stability design and execution of bridges and other structures; and study on control of hazards by blowing snow and ice and snow.

(8) Ministry of Health and Welfare

- o Participation of doctors of national hospitals, etc. for the Japan Medical Team for Disaster Relief (JMTDR)
- (9) Ministry of International Trade and Industry
- o Joint study of earthquake and volcanic eruption prediction, and guidance of investigation and study.
 - o Participation to JDR concerning earthquake and volcanic eruption prediction.
 - o Training pertaining to earthquake, volcano and disaster prevention.
- (10) Ministry of Posts and Telecommunications
- o Disaster prevention telecommunication system for developing countries: Prediction of natural disasters, disaster information and recommendation and instruction of evacuation, and other telecommunication technological assistance in disaster prevention measures including emergency communication upon occurrence of a disaster.

7. International assistance required for natural disaster reduction

None.