

## 8.01 ① Budget for competitive funding on environmental research and development of environmental technology

( Unit: million yen )

	Name of competitive fund systems					Total
	Global Environment Research Fund 1)	Environmental Research· Environmental Technology Development Fund 1), 2)	Environment Research Fund	Grant-in-Aid for Scientific Research about Establishing a Sound Material-cycle Society 3)	Project of Developing Countermeasures against Global Warming (energy- related expenditures) 4)	
Budget amount of FY2004	3,015	815	-	1,150	1634	6,614
FY 2005	3,015	815	-	1,150	2,676	7,656
FY 2006	3,256	881	-	1,300	2,716	8,153
FY 2007	2,960	881	-	1,261	3,302	8,404
FY 2008	3,197	836	-	1,135	3,710	8,878
FY 2009	3,955	1,160	-	1,803	3,805	10,723
FY 2010	-	-	5,269	1,738	5,022	12,029
FY 2011	-	-	8,007	-	6,200	14,207
FY 2011	-	-	6,670	-	6,720	13,390
FY 2012	-	-	6,160	-	-	6,160
FY 2013	-	-	5,510	-	-	5,510
FY 2014	-	-	5,300	-	-	5,300
FY 2015	-	-	5,510	-	-	5,510

Note:

1) In FY 2010, integrated in 'Environment Research and Technology Fund.'

2) Up to FY 2008, called as "Promotional fund for Environmental Technology Development."

3) Up to FY 2008, called as "Promotional Subsidies for Scientific Research on Waste Treatment ." In FY 2011, integrated in 'Environmental Research.'

4) Up to FY 2012, 'Competitive fund.'

Source: referential materials from Ministry of the Environment, the Government of Japan

## 8.01 ② Number of employees in environmental divisions of local governments by prefecture

	2011			2012			2013		
	Pollutions control	Waste management	Environmental conservation	Pollutions control	Waste management	Environmental conservation	Pollutions control	Waste management	Environmental conservation
Hokkaido	241	740	293	240	684	294	232	654	300
Aomori	81	240	44	82	233	45	81	219	46
Iwate	47	201	67	52	196	61	51	184	59
Miyagi	87	114	83	114	141	82	107	136	76
Akita	25	238	72	23	227	67	25	215	62
Yamagata	63	141	115	65	143	119	62	139	121
Fukushima	83	326	195	206	311	205	283	302	221
Ibaraki	193	505	136	217	484	155	214	464	155
Tochigi	102	435	165	132	391	169	135	379	179
Gunma	124	446	119	133	419	130	130	391	127
Saitama	350	1,195	298	357	1,157	298	345	1,135	296
Chiba	294	1,337	296	345	1,304	282	334	1,272	282
Tokyo	710	5,541	660	712	5,360	663	696	5,232	662
Kanagawa	266	1,806	293	260	1,745	325	255	1,698	303
Niigata	89	309	126	93	272	127	101	264	125
Toyama	74	311	48	72	290	47	71	269	47
Ishikawa	110	336	95	110	324	93	105	351	100
Fukui	69	107	74	70	104	74	69	100	74
Yamanashi	32	170	108	32	163	106	32	155	111
Nagano	128	258	252	130	258	259	128	249	267
Gifu	55	711	129	51	700	124	58	677	119
Shizuoka	154	882	120	138	644	111	142	616	112
Aichi	468	1,233	215	473	1,414	235	468	1,360	241
Mie	124	686	75	120	652	75	116	612	76
Shiga	100	242	119	101	235	116	98	240	116
Kyoto	75	359	87	73	347	89	70	346	86
Osaka	348	2,222	261	332	2,115	252	325	2,035	243
Hyogo	222	1,727	177	221	1,677	179	216	1,610	177
Nara	58	962	68	60	918	74	63	903	77
Wakayama	52	464	46	54	424	46	54	412	48
Tottori	26	73	45	27	67	42	27	67	45
Shimane	45	173	52	51	170	54	52	163	49
Okayama	77	390	46	73	378	49	73	349	48
Hiroshima	153	552	97	155	517	100	154	484	97
Yamaguchi	74	762	63	73	749	68	68	722	68
Tokushima	56	532	54	55	516	49	54	506	48
Kagawa	70	411	49	69	401	49	70	389	49
Ehime	103	373	82	104	363	81	102	350	80
Kochi	31	256	77	29	241	84	80	242	81
Fukuoka	123	583	188	127	548	197	120	526	199
Saga	37	195	46	37	181	43	36	182	23
Nagasaki	95	611	114	93	588	109	98	546	54
Kumamoto	110	474	138	108	120	86	108	117	88
Oita	75	533	67	75	502	72	72	479	72
Miyazaki	45	331	86	45	309	89	45	291	86
Kagoshima	87	397	115	86	381	119	79	366	117
Okinawa	58	153	58	57	153	62	60	152	59
Sapporo City	20	828	46	20	819	47	19	805	51
Sendai City	17	265	22	17	270	22	17	261	22
Saitama City	23	467	17	23	453	18	22	430	19
Chiba City	27	200	33	26	184	32	25	165	30
Yokohama City	115	1,846	144	117	1,803	139	117	1,756	145
Kawasaki City	107	1,200	76	109	1,148	74	107	1,121	74
Sagamihara City	25	372	13	24	366	13	26	360	13
Niigata City	16	257	11	15	228	14	16	215	16
Shizuoka City	12	281	26	12	273	25	12	262	25
Hamamatsu City	13	234	38	12	2,312	31	12	214	31
Nagoya City	168	1,498	45	166	1,462	44	166	1,420	42
Kyoto City	93	1,154	11	98	1,141	10	95	1,116	9
Osaka City	168	2,971	0	157	2,862	0	154	2,696	0
Sakai City	40	224	26	40	207	25	40	203	25
Kobe City	70	1,264	0	70	1,216	0	70	1,166	0
Okayama City	12	427	11	12	419	11	11	409	12
Hiroshima City	16	460	25	15	446	21	15	442	21
Kitakyushu City	36	371	53	37	368	50	36	354	45
Fukuoka City	12	316	24	11	303	29	13	309	30
Kumamoto City				4	350	49	4	322	49
Partial-affairs associations, etc.	5	7,728	5	5	7,484	4	5	7,200	4
Subtotal	7,084	53,406	6,839	7,322	53,630	6,913	7,346	49,776	6,834
Total		67,329			67,865			63,956	

Note:

- Special wards, and also cities, towns and villages are included in prefectures (excluding ordinance-designated cities.)
- Figures show the number of staffs on April 1st in each year.

Source: "Survey on the Total Number of Civil Servants in Local Governments" by Local Administration Bureau, Ministry of Internal Affairs and Communications

## 8.01 ② Number of employees in environmental divisions of local governments by prefecture

( Unit : Person )

	2014			2015		
	Pollutions control	Waste management	Environmental conservation	Pollutions control	Waste management	Environmental conservation
Hokkaido	235	632	311	232	602	306
Aomori	79	210	45	79	148	46
Iwate	52	164	63	50	158	65
Miyagi	112	113	81	113	103	85
Akita	24	198	65	23	190	62
Yamagata	62	131	119	60	75	116
Fukushima	346	288	240	358	275	180
Ibaraki	202	446	161	196	431	158
Tochigi	129	370	179	121	360	178
Gunma	125	380	123	123	365	118
Saitama	335	1,113	295	340	1,098	306
Chiba	309	1,242	290	294	1,220	304
Tokyo	684	5,160	668	680	5,096	676
Kanagawa	255	1,658	302	253	1,616	307
Niigata	104	246	121	104	216	121
Toyama	70	250	48	70	235	49
Ishikawa	111	330	78	106	320	80
Fukui	63	96	81	65	94	82
Yamanashi	30	149	111	31	143	119
Nagano	124	254	262	124	243	267
Gifu	55	659	123	57	637	120
Shizuoka	141	611	110	139	582	117
Aichi	459	1,343	244	457	1,312	223
Mie	120	583	78	119	574	79
Shiga	100	235	113	97	234	112
Kyoto	71	343	94	70	337	92
Osaka	315	1,979	236	302	1,941	226
Hyogo	209	1,525	168	211	1,486	174
Nara	59	873	77	56	846	81
Wakayama	51	394	48	51	376	46
Tottori	27	58	42	27	56	39
Shimane	54	159	48	55	150	52
Okayama	72	361	49	71	355	51
Hiroshima	151	447	95	144	423	98
Yamaguchi	70	693	66	68	679	69
Tokushima	53	491	51	53	480	55
Kagawa	69	380	50	68	368	48
Ehime	106	338	73	104	319	75
Kochi	30	239	76	28	234	78
Fukuoka	120	500	197	120	478	194
Saga	37	182	42	36	172	43
Nagasaki	95	526	107	96	516	110
Kumamoto	101	111	84	100	108	83
Oita	74	459	69	73	438	70
Miyazaki	44	279	82	44	262	83
Kagoshima	82	343	117	82	331	110
Okinawa	41	144	79	40	143	81
Sapporo City	20	790	52	20	775	51
Sendai City	18	239	24	18	236	24
Saitama City	22	416	21	22	387	21
Chiba City	26	159	29	24	154	30
Yokohama City	124	1,803	148	126	1,793	153
Kawasaki City	108	1,088	61	106	1,038	60
Sagamihara City	26	346	13	26	346	13
Niigata City	15	203	14	15	197	14
Shizuoka City	12	249	26	12	239	25
Hamamatsu City	12	214	30	12	206	32
Nagoya City	169	1,416	47	163	1,378	42
Kyoto City	105	1,052	10	106	1,008	11
Osaka City	121	2,692	0	116	2,157	0
Sakai City	19	200	47	19	190	47
Kobe City	66	1,129	0	67	1,101	0
Okayama City	12	398	11	12	390	11
Hiroshima City	15	438	21	15	437	22
Kitakyushu City	37	343	48	51	332	44
Fukuoka City	14	295	27	15	288	30
Kumamoto City	4	317	49	4	312	48
Partial-affairs associations, etc.	1	7,063	6	0	7,326	5
Subtotal	7,203	48,535	6,945	7,139	47,115	6,917
Total		62,683			61,171	

Note:

- Special wards, and also cities, towns and villages are included in prefectures (excluding ordinance-designated cities.)
- Figures show the number of staffs on April 1st in each year.

Source: "Survey on the Total Number of Civil Servants in Local Governments" by Local Administration Bureau, Ministry of Internal Affairs and Communications

## 8.02 Trainees at the National Environmental Research and Training Institute, Ministry of the Environment

(Unit: persons)

FY	Administrative Training courses				Analytical Training courses				Total
	National government staff	Local public entity staff	Staff in public corporations, etc.	Subtotal	National government staff	Local public entity staff	Staff in public corporations, etc.	Subtotal	
1975	107	468	4	579	36	277	5	318	897
1976	110	472	7	589	34	204	5	243	832
1977	123	451	7	581	33	196	3	232	813
1978	184	512	13	709	25	210	3	238	947
1979	187	499	22	708	24	206	6	236	944
1980	190	517	37	744	18	175	2	195	939
1981	194	601	34	829	22	212	5	239	1,068
1982	198	551	35	784	10	168	2	180	964
1983	191	571	41	803	9	163	2	174	977
1984	195	519	61	775	6	152	7	165	940
1985	173	507	63	743	13	165	3	181	924
1986	234	650	135	1,019	14	167	2	183	1,202
1987	235	680	144	1,059	16	161	2	179	1,238
1988	209	639	125	973	21	148	3	172	1,145
1989	208	633	115	956	24	170	3	197	1,153
1990	211	628	103	942	19	172	4	195	1,137
1991	197	660	116	973	22	156	2	180	1,153
1992	199	639	109	947	16	162	0	178	1,125
1993	208	674	125	1,007	18	196	0	214	1,221
1994	160	614	113	887	16	221	0	237	1,124
1995	220	692	101	1,013	22	234	0	256	1,269
1996	209	661	114	984	25	199	0	224	1,208
1997	227	720	103	1,050	23	205	0	228	1,278
1998	231	766	48	1,045	21	208	0	229	1,274
1999	235	727	46	1,008	26	184	0	210	1,218
2000	233	867	57	1,157	22	201	0	223	1,380
2001	345	993	94	1,432	16	218	4	238	1,670
2002	332	1,003	76	1,411	8	236	7	251	1,662
2003	400	1,014	74	1,488	7	238	7	252	1,740
2004	375	1,096	72	1,543	11	236	10	257	1,800
2005	435	1,238	65	1,738	13	246	11	270	2,008
2006	387	1,303	60	1,750	10	232	12	254	2,004
2007	397	1,343	59	1,799	15	263	13	291	2,090
2008	345	975	52	1,372	13	259	14	286	1,658
2009	388	1,311	56	1,755	12	270	6	288	2,043
2010	295	945	43	1,283	1	211	5	217	1,500
2011	243	1,194	44	1,481	4	254	4	262	1,743
2012	238	1,268	42	1,548	7	274	7	288	1,836
2013	240	1,277	34	1,551	5	279	5	289	1,840
2014	272	1,299	39	1,610	4	267	9	280	1,890
2015	261	1,349	44	1,654	5	273	10	288	1,942

Notes:

- In addition, 58 participants completed Environmental Administration Internship program (practical trainings) in FY2015.
- Besides, accepted 11 trainees through environmental aquatic monitoring project, a group training program, conducted from September 16 to October 17, 2015, in cooperation with the Japan International Cooperation Agency (JICA).

Source: Training Center for Environmental Survey, Ministry of the Environment "Annual Report of Training Courses"

### 8.03 Changes in number of arrests for environmental crimes grouped by law

( Unit: incident )

	Total	Waste Management and Public Cleansing Law	Water Pollution Control Law	Others
2006	6,030	5,301	5	724
2007	7,076	6,107	10	959
2008	7,173	6,124	5	1,044
2009	7,164	6,128	11	1,025
2010	7,179	6,183	5	991
2011	6,503	5,700	1	802
2012	6,503	5,655	4	844
2013	5,923	5,169	2	752
2014	5,628	4,909	2	717
2015	5,741	4,979	0	762

Note:

"Others" includes Act on Conservation of Endangered Species of Wild Fauna and Flora, Wildlife Protection and Hunting Law, and Natural Parks Act, etc.

Source: Materials from National Police Agency

**8.04 Number of arrests for violation of Waste Disposal Act by type**

(2014)

( Unit: case )

	Illegal dumping	Violation of commission (note 1)	Unauthorized business (note 2)	Others	Total
Total number of incidents	2,531	24	24	2,330	4,409
Industrial waste	205	22	8	604	839
Municipal waste	2,326	2	16	1,726	4,070

(2015)

( Unit: case )

	Illegal dumping	Violation of commission (note 1)	Unauthorized business (note 2)	Others	Total
Total number of incidents	2,479	15	23	2,462	4,979
Industrial waste	202	13	8	526	749
Municipal waste	2,277	2	15	1,936	4,230

Notes:

1. Violations against commissioning standards are included, but violations against re-commissioning between authorized businesses are not included.

2. Refers to Unauthorized businesses for collection and transportation of waste, and for the disposal of waste.

Source: Materials from National Police Agency

## 8.05 Changes in numbers of offenders normally accepted / processed

Year	Ordinary accepted	Processed			Prosecution rate (%)
		Prosecuted	Not prosecuted	Total	
2008	9,739 (100)	5,994	3,494	9,488	63.2
2009	9,688 (99)	5,598	3,719	9,317	60.1
2010	9,518 (98)	5,305	3,903	9,208	57.6
2011	8,862 (89)	4,821	3,740	8,561	56.3
2012	9,155 (94)	4,936	3,875	8,811	56.0
2013	8,699 (89)	4,767	3,719	8,486	56.2
2014	8,172 (84)	4,508	3,498	8,006	56.3
2015	8,170 (84)	4,425	3,480	7,905	56.0

## Notes:

- Figures in parentheses indicates the indices based on the figure in 2008 deemed to be 100.
- Prosecution rate is calculated by the following formula:  

$$\text{Prosecution rate} = \left( \frac{\text{\# of prosecuted persons}}{\text{\# of prosecuted} + \text{\# of not prosecuted}} \right) \times 100.$$

Source: Materials of Ministry of Justice

## 8.06 Local governments' expenses for measures against pollutions

( Unit : 100 million yen, % )

(Unit: 100 million yen, %)

	Settlement amount of FY 2010						Settlement amount of FY 2011						Increase / decrease	Growth rate
	Prefectures		Municipalities		Total (A)		Prefectures		Municipalities		Total (B)			
		Breakdown ratio		Breakdown ratio		Breakdown ratio		Breakdown ratio		Breakdown ratio		Breakdown ratio		
General expense	930	15.3	918	5.4	1,848	8.0	932	14.7	913	4.7	1,845	7.1	3	0.2
Pollution regulation and research expense	195	3.2	158	0.9	354	1.5	228	3.6	178	0.9	406	1.6	▲ 52	▲ 12.8
Expense for Pollution Control Works	4,074	67.2	15,335	89.6	19,409	83.7	4,771	75.4	17,727	90.8	22,499	87.0	▲ 3,090	▲ 13.7
Sewage works	3,194	52.7	12,369	72.3	15,563	67.1	3,757	59.4	14,351	73.5	18,109	70.1	▲ 2,546	▲ 14.1
Improvement of waste management facilities	248	4.1	2,535	14.8	2,784	12.0	291	4.6	2,827	14.5	3,118	12.1	▲ 334	▲ 10.7
Compensation for expense and loss of pollution-related health damage	117	1.9	510	3.0	628	2.7	98	1.5	524	2.7	622	2.4	6	1.0
Others	747	12.3	194	1.1	941	4.1	301	4.8	177	0.9	478	1.8	463	96.9
Total	6,064	100.0	17,116	100.0	23,180	100.0	6,330	100.0	19,520	100.0	25,850	100.0	▲ 2,670	▲ 10.3

Notes:

- Subsidies and allotted charges that are double-counted among prefectures and municipalities are deducted.
- Totals may not foot due to rounding.
- Shaded figures in "Sewage works" and "Improvement of waste management facilities" are included in the Expense of Public Pollution Control Works.

Source: materials of Ministry of Internal Affairs and Communications



## 8.07 Regions under the Regional Environmental Pollution Control Programs

( as of March 31, 2016 )

Region (Prefecture)	Designated municipalities					
Kashima (Ibaraki)	Kashimashi	Kamisushi				
Saitama (Saitama)	Saitamashi	Kumagayashi	Kawaguchishi	Gyodashi	Tokorozawashi	Kasukabeshi
	Sayamashi	Kounosushi	Ageoshi	Soukashi	Koshigayashi	Yashioshi
	Hasudashi	Sakadoshi	Tsurugashimashi	Inamachi		
Chiba (Chiba)	Chibashi	Ichikawashi	Funabashishi	Matsudoshi	Nodashi	Naritashi
	Sakurashi	Narashinoshi	Kashiwashi	Ichiharashi	Nagareyamashi	Yachiyoshi
	Abikoshi	Kamagayashi	Kimitsushi	Yotsukaidoshi	Inzaishi	Shiraishi
Tokyo (Tokyo)	Chuo-ku	Minato-ku	Sumida-ku	Koto-ku	Shinagawa-ku	Ohta-ku
	Setagaya-ku	Kita-ku	Itabashi-ku	Adachi-ku	Hachiojishi	Machidashi
Kanagawa (Kanagawa)	Yokohamashi	Kawasakishi	Yokosukashi			
Niigata (Niigata)	Niigatashi					
Gifu (Gifu)	Gifushi	Kakamigaharashi				
Fuji (Shizuoka)	Fujishi					
Aichi (Aichi)	Nagoyashi	Toyohashishi	Okazakishi	Hekinanshi	Anjyoshi	Komakishi
Kyoto (Kyoto)	Kyotoshi	Ujishi	Mukoshi	Nagaokakyoshi	Oyamazaki-cho	
Osaka (Osaka)	Osakashi	Sakaishi	Kishiwadashi	Toyonakashi	Ikedashi	Suitashi
	Izumiotoshi	Takatsukishi	Kaizukashi	Hirakatashi	Ibarakishi	Yaoshi
	Izumisanoshi	Tondabayashishi	Neyagawashi	Kawachinaganoshi	Matsubarashi	Daitoushi
	Izumishi	Minohshi	Kashiwarashi	Habikinoshi	Kadomashi	Settsushi
	Fujiiderashi	Higashiosakashi	Shijyonawateshi	Katanoshi	Osakasayamashi	Tadaoka-cho
Hyogo (Hyogo)	Kobeshi	Amagasakishi	Nishinomiyaishi	Itamishi	Kakogawashi	Takarazukashi
	Kawanishishi					
Nara (Nara)	Narashi	Yamatokoriyamashi	Yamatokoriyamashi	Tenrishi	Ikomashi	Ohji-cho
Wakayama (Wakayama)	Wakayamashi					
Okayama/Kurashiki (Okayama )	Okayamashi	Kurashikishi	Tamanoshi	Hayashima-cho		
Bingo (Okayama/Hiroshima )	Fukuyamashi	Kasaokashi				
Hiroshima (Hiroshima )	Hiroshimashi					
Kagawa (Kagawa)	Sakaideshi					
Fukuoka (Fukuoka)	Fukuokashi					
Kitakyushu (Fukuoka)	Kitakyushushi					
Ohmuta (Fukuoka)	Ohmutashi					
	21 regions, 18 prefectures, 121 cities and towns (106 cities, 5 towns, 10 wards)					

Source: Ministry of the Environment

**8.08 The Costs relating to the Pollution Prevention Projects, and Additional Subsidies**

(Unit: 100 million yen)

	FY2011		FY2012		FY2013		FY2014		FY2015	
	Project	Subsidies	Project	Subsidies	Project	Subsidies	Project	Subsidies	Project	Subsidies
Sewage (terminal treatment facilities)	1,853	1	1,875	1	1,687	0	1,706	1	1,821	1
Dredging/water conveyance	24	6	25	9	26	8	26	9	23	7
Land improvement for contaminated farmland etc.	4	0	3	0	2	0	0	0	0	0
Measures for soil contamination by Dioxins	0	0	0	0	0	0	0	0	0	0
Total	1,881	8	1,903	10	1,715	9	1,732	10	1,843	8

Note: The sum of the costs in each column may not match the total value due to rounding.

Source: Ministry of the Environment

# 8.09 Existing number of Patients by Region, subject to Law Concerning Pollution-Related Health Damage Compensation and other Measures

(As of the end of March, 2015)

(As of the end of March, 2015)

Group		Area		Municipalities	Designation date	Certified patients			
Former Class I Region / Nonspecific disease	Chronic bronchitis Asthma Asthmatic bronchitis, Emphysema and their sequelae	Chiba	Southern Sea front	Area	Chiba-shi	November 30, 1974	246		
		Tokyo	Chiyoda-ku	All area	Chiyoda-ku	November 30, 1974	123		
		"	Chuo-ku	"	Chuo-ku	December 19, 1975	200		
		"	Minato-ku	"	Minato-ku	November 30, 1974	334		
		"	Shinjuku	"	Shinjuku	"	908		
		"	Bunkyo-ku	"	Bunkyo-ku	"	405		
		"	Taito-ku	"	Taito-ku	December 19, 1975	377		
		"	Shinagawa-ku	"	Shinagawa-ku	November 30, 1974	729		
		"	Ota-ku	"	Ota-ku	"	1,557		
		"	Meguro-ku	"	Meguro-ku	December 19, 1975	463		
		"	Shibuya-ku	"	Shibuya-ku	November 30, 1974	435		
		"	Toshima-ku	"	Toshima-ku	December 19, 1975	565		
		"	Kita-ku	"	Kita-ku	"	838		
		"	Itabashi-ku	"	Itabashi-ku	"	1,479		
		"	Sumida-ku	"	Sumida-ku	"	555		
		"	Koto-ku	"	Koto-ku	November 30, 1974	1,161		
		"	Arakawa-ku	"	Arakawa-ku	December 19, 1975	616		
		"	Adachi-ku	"	Adachi-ku	"	1,490		
		"	Katsushika-ku	"	Katsushika-ku	"	979		
		"	Edogawa-ku	"	Edogawa-ku	"	1,375		
		Tokyo / Total							14,589
		Chronic bronchitis Asthma Asthmatic bronchitis, Emphysema and their sequelae	Yokohama	Tsurumi Sea front areas	Yokohama	February 1, 1972	405		
			Kawasaki	Kawasaki-ku, Saiwai-ku	Kawasaki	December 27, 1969	1,396		
			"	"	"	February 1, 1972	"		
			Fuji	Midland areas	Fuji	November 30, 1974	373		
			"	"	"	February 1, 1972	"		
			Nagoya	South-central areas	Nagoya	January 13, 1977	2,001		
			"	"	"	February 1, 1973	"		
			"	"	"	December 19, 1975	"		
			"	"	"	June 02, 1978	"		
			Thokai	North, Midland areas	Aichi (Pref.)	February 1, 1973	337		
			Yokkaichi	Rinkai areas	Yokkaichi	December 27, 1969	394		
			"	"	"	November 30, 1974	"		
			Osaka	All area	Osaka	December 27, 1969	6,255		
			"	"	"	November 30, 1974	"		
			"	"	"	December 19, 1975	"		
			Toyonaka	South areas	Toyonaka	February 1, 1973	180		
			Suita	South areas	Suita	November 30, 1974	191		
			Moriguchi	All area	Moriguchi	January 13, 1977	1,114		
			Higashiosaka	West-central areas	Higashiosaka	June 02, 1978	1,195		
			Yao	West-central areas	Yao	"	680		
			Sakai	West areas	Sakai	August 1, 1973	1,438		
			"	"	"	January 13, 1977	"		
			Kobe	Sea front areas	Kobe	"	656		
			Amagasaki	East, South areas	Amagasaki	December 1, 1970	1,880		
			"	"	"	November 30, 1974	"		
			Kurashiki	Mizushima areas	Kurashiki	December 19, 1975	1,148		
			Tamano	Southern sea front areas	Okayama (Pref.)	"	28		
			Bizen	Around Katagamiwan areas	"	"	36		
		Kitakyushu	Dokaiwan areas	Kitakyushu	February 1, 1973	848			
		Omuta	Midland areas	Omuta	August 1, 1973	738			
		Total							36,128
Class II region / specific Common disease	Minamata disease	Agano river	Downstream areas	Niigata (Pref.)	December 27, 1969	67			
	"	"	"	Niigata	"	105			
	"	Minamata bay	Coastal areas	Kagoshima (Pref.)	"	117			
	"	"	"	Kumamoto (Pref.)	"	305			
	Itai-itai disease	Jinzu river	Downstream areas	Toyama (Pref.)	"	5			
	Chronic arsenic	Shimane	Sasagatani areas	Shimane (Pref.)	July 4, 1974	3			
	"	Miyazaki	Toroku areas	Miyazaki (Pref.)	February 1, 1973	49			
Total							651		
Total							36,779		

## Notes:

- The names of the former designated areas in this table are based on political sub-divisions at the time of designation.

- \* Kusu-cho was merged with Yokkaichi in February, 2005. Since 2004, the number of certified patients of Yokkaichi has included that of Kusu-cho.

Source: Compiled from an article by Planning Division, Environmental Health Department, Integrated Environmental Policy Bureau, Ministry of the Environment

## 8.10 Changes in Existing number of Patients by Region, subject to the Pollution Damage Compensation Act (1)

End of FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Region	Region																	
	Region																	
Class I Areas	Chiba	765	778	751	747	736	705	707	694	662	633	606	579	560	540	518	492	475
	Chiyoda-ku	234	257	266	287	293	313	309	313	296	288	267	250	239	231	220	214	206
	Chuo-ku	372	381	425	477	498	498	546	513	473	431	418	397	374	353	326	323	300
	Minato-ku	937	991	1,041	1,062	1,069	1,056	1,091	1,144	1,067	988	922	858	808	766	746	707	670
	Shinjuku	1,364	1,472	1,585	1,760	2,008	2,218	2,475	2,550	2,409	2,282	2,188	2,084	2,003	1,950	1,883	1,795	1,758
	Bunkyo-ku	1,021	1,078	1,116	1,158	1,220	1,214	1,278	1,323	1,231	1,152	1,096	1,037	968	920	871	821	780
	Taito-ku	818	876	950	995	1,046	1,105	1,151	1,112	1,048	988	943	891	860	820	782	733	704
	Shinagawa-ku	1,504	1,626	1,696	1,831	1,950	2,053	2,146	2,118	1,997	1,899	1,804	1,703	1,614	1,549	1,483	1,422	1,380
	Ota-ku	3,491	3,699	3,795	4,036	4,282	4,459	4,703	4,853	4,539	4,250	4,059	3,926	3,719	3,562	3,361	3,160	3,073
	Meguro-ku	1,105	1,143	1,227	1,263	1,307	1,338	1,423	1,414	1,317	1,212	1,126	1,048	970	929	869	806	773
	Shibuya-ku	944	1,028	1,095	1,201	1,314	1,451	1,572	1,520	1,412	1,329	1,258	1,176	1,102	1,043	973	904	854
	Toshima-ku	1,086	1,159	1,267	1,345	1,427	1,523	1,632	1,677	1,603	1,478	1,402	1,339	1,211	1,103	1,051	999	946
	Kita-ku	1,981	2,108	2,167	2,251	2,283	2,352	2,525	2,610	2,485	2,304	2,188	2,088	1,990	1,905	1,810	1,707	1,626
	Itabashi-ku	2,043	2,213	2,361	2,492	2,620	2,726	3,036	3,162	3,004	2,822	2,716	2,623	2,519	2,471	2,428	2,332	2,305
	Sumida-ku	884	1,011	1,114	1,225	1,301	1,406	1,620	1,583	1,512	1,411	1,333	1,238	1,155	1,085	1,053	999	961
	Koto-ku	2,004	2,199	2,384	2,589	2,828	2,985	3,368	3,490	3,250	2,968	2,813	2,652	2,499	2,412	2,306	2,165	2,089
	Arakawa	1,148	1,305	1,401	1,490	1,585	1,679	1,920	1,892	1,791	1,688	1,592	1,500	1,425	1,378	1,322	1,263	1,224
	Adachi-ku	4,231	4,511	4,770	4,926	5,099	5,294	5,589	5,393	4,893	4,403	4,170	3,926	3,586	3,412	3,251	3,071	2,892
	Katsushika-ku	1,815	1,978	2,136	2,298	2,468	2,562	2,787	2,850	2,691	2,467	2,338	2,219	2,076	1,967	1,841	1,701	1,649
	Edogawa-ku	2,211	2,429	2,688	2,994	3,301	3,677	4,086	4,085	3,836	3,591	3,438	3,261	3,006	2,865	2,696	2,533	2,449
	Total of Tokyo	29,193	31,464	33,484	35,680	37,899	39,909	43,257	43,602	40,854	37,951	36,071	34,216	32,124	30,721	29,272	27,655	26,639
Class II Areas	Yokohama	874	899	912	938	947	950	1,003	977	919	885	851	805	767	739	715	690	675
	Kawasaki	3,286	3,332	3,299	3,290	3,273	3,319	3,455	3,478	3,318	3,190	3,041	2,933	2,828	2,746	2,663	2,584	2,495
	Fuji	950	944	896	866	863	879	876	843	783	740	711	661	634	605	582	563	555
	Nagoya	4,718	4,887	4,927	5,055	5,157	5,285	5,747	5,852	5,525	5,229	4,974	4,699	4,407	4,207	4,009	3,763	3,627
	Tokai	788	816	809	849	884	900	1,067	1,048	991	936	903	853	804	768	739	696	669
	Yokkaichi	903	896	866	876	864	836	907	867	829	801	783	748	722	701	674	650	626
	Kusunoki	101	95	89	89	85	85	90	90	87	84	83	81	73	71	67	63	62
	Osaka	19,015	18,719	18,682	18,743	18,769	19,064	19,639	19,973	18,890	17,912	16,885	16,011	15,125	14,318	13,651	12,965	12,342
	Toyonaka	547	548	547	570	587	570	601	577	545	524	505	469	446	420	395	369	348
	Suita	363	391	405	431	432	435	494	512	494	462	430	415	399	380	366	353	336
	Moriguchi	3,198	3,290	3,274	3,248	3,166	3,080	3,107	3,001	2,843	2,678	2,547	2,428	2,319	2,213	2,115	2,018	1,942
	Higashiosaka	2,078	2,425	2,635	2,916	3,190	3,569	3,696	3,887	3,563	3,359	3,186	3,036	2,940	2,697	2,601	2,409	2,290
	Yao	1,242	1,382	1,516	1,617	1,645	1,720	1,796	1,854	1,785	1,727	1,586	1,511	1,445	1,363	1,310	1,260	1,209
	Sakai	3,470	3,567	3,613	3,710	3,831	3,922	4,242	4,305	4,145	3,983	3,821	3,626	3,446	3,309	3,158	3,023	2,907
	Kobe	1,569	1,658	1,788	1,899	1,965	1,990	2,066	2,302	2,161	2,076	1,955	1,850	1,741	1,662	1,601	1,510	1,427
	Amagasaki	5,128	5,249	5,235	5,306	5,390	5,494	5,682	5,633	5,380	5,104	4,809	4,563	4,334	4,117	3,939	3,741	3,584
	Kurashiki	1,920	2,019	2,060	2,123	2,182	2,273	2,545	2,910	2,624	2,717	2,592	2,518	2,450	2,342	2,253	2,173	2,086
	Tamano	80	79	80	86	88	96	98	97	95	92	90	86	84	81	79	75	75
	Bizen	116	127	134	138	137	136	141	143	139	133	128	124	119	112	108	103	99
	Kitakyushu	1,681	1,712	1,736	1,814	1,867	1,954	2,108	2,124	2,032	1,932	1,868	1,777	1,678	1,615	1,541	1,487	1,431
	Omura	1,226	1,298	1,315	1,339	1,421	1,523	1,703	2,438	2,394	2,314	2,166	2,065	2,006	1,915	1,839	1,772	1,703
	Total of Class II Areas	83,211	86,575	89,053	92,350	95,391	98,694	105,027	107,207	101,258	95,462	90,591	86,052	81,451	77,642	74,195	70,414	67,602
Class III Areas	Niigata (Pref.)	305	296	284	276	267	257	245	237	229	224	214	208	198	191	184	177	172
	Niigata	273	270	263	256	248	247	240	232	227	223	218	212	209	207	206	203	200
	Kumamoto (Pref.)	1,049	1,077	1,082	1,082	1,065	1,058	1,028	996	962	936	908	874	838	812	789	752	718
	Kagoshima (Pref.)	269	283	287	302	309	315	318	310	310	308	300	296	287	276	271	263	251
	(Sub-total)	1,896	1,926	1,916	1,916	1,889	1,877	1,831	1,775	1,728	1,691	1,640	1,590	1,532	1,486	1,450	1,395	1,341
	Shimane (Pref.)	11	10	9	9	8	7	7	7	6	6	6	6	6	6	6	6	6
	Miyazaki (Pref.)	110	107	103	101	99	96	94	86	84	79	78	79	73	75	77	74	75
	(Sub-total)	121	117	112	110	107	103	101	93	90	85	84	85	79	81	83	80	81
	Toyama (Pref.)	37	39	37	29	22	20	18	16	12	13	13	15	15	14	12	10	7
	Total of Class III Areas	2,054	2,082	2,065	2,055	2,018	2,000	1,950	1,884	1,830	1,789	1,737	1,690	1,626	1,581	1,545	1,485	1,429
Total		85,265	88,657	91,118	94,405	97,409	100,694	106,977	109,091	103,088	97,251	92,328	87,742	83,077	79,223	75,740	71,899	69,031

Notes:

\* Kusu-cho was merged with Yokkaichi in February, 2005. Since 2004, the number of certified patients of Yokkaichi has included that of Kusu-cho.

Source: Article of Planning Division, Environmental Health Department, Integrated Environmental Policy Bureau, Ministry of the Environment

## 8.10 Changes in Existing number of Patients by Region, subject to the Pollution Damage Compensation Act (2)

End of FY		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Region	Region																	
	Region																	
Class I Areas	Chiba	457	441	429	407	390	380	368	359	346	333	326	316	303	280	271	257	246
	Chiyoda-ku	194	184	177	172	165	158	150	146	147	139	141	143	138	133	126	126	123
	Chuo-ku	286	284	276	274	263	259	252	251	244	240	229	225	227	214	209	204	200
	Minato-ku	621	584	559	534	510	485	470	445	421	410	405	388	373	362	351	341	334
	Shinjuku	1,708	1,652	1,615	1,513	1,399	1,330	1,278	1,222	1,181	1,135	1,098	1,065	1,056	1,009	971	942	908
	Bunkyo-ku	730	680	651	621	587	560	536	517	498	490	468	457	443	427	414	408	405
	Taito-ku	670	629	604	584	550	527	514	495	475	468	460	447	432	410	401	391	377
	Shinagawa-ku	1,327	1,302	1,166	1,126	1,102	1,063	1,038	988	948	910	882	849	833	804	779	753	729
	Ota-ku	2,988	2,903	2,868	2,822	2,748	2,699	2,232	2,123	2,064	1,998	1,941	1,889	1,784	1,714	1,654	1,609	1,557
	Meguro-ku	739	705	689	661	627	616	601	581	563	551	534	521	510	496	487	473	463
	Shibuya-ku	817	790	774	725	702	676	654	621	590	572	548	516	499	481	465	452	435
	Toshima-ku	909	856	817	793	773	751	736	707	697	682	664	650	638	639	626	589	565
	Kita-ku	1,533	1,442	1,409	1,355	1,268	1,227	1,191	1,148	1,122	1,098	1,077	1,062	1,047	1,028	1,014	862	838
	Itabashi-ku	2,260	2,219	2,013	1,925	1,863	1,828	1,797	1,770	1,733	1,699	1,664	1,617	1,581	1,561	1,534	1,493	1,479
	Sumida-ku	943	894	849	829	758	744	736	688	665	655	627	616	601	580	574	562	555
	Koto-ku	2,004	1,880	1,831	1,757	1,718	1,676	1,637	1,589	1,546	1,503	1,453	1,394	1,377	1,344	1,275	1,177	1,161
	Arakawa	1,158	1,075	1,015	983	942	927	910	881	838	820	760	727	697	671	643	626	616
	Adachi-ku	2,778	2,530	2,445	2,308	2,167	2,056	1,984	1,886	1,817	1,774	1,719	1,678	1,635	1,608	1,545	1,522	1,490
	Katsushika-ku	1,579	1,489	1,437	1,379	1,318	1,296	1,263	1,212	1,170	1,153	1,120	1,100	1,070	1,030	1,015	999	979
	Edogawa-ku	2,392	2,303	2,173	2,085	1,998	1,964	1,905	1,812	1,756	1,704	1,634	1,599	1,559	1,517	1,463	1,418	1,375
	(Total of Tokyo)	25,636	24,401	23,368	22,446	21,458	20,842	19,884	19,082	18,475	18,001	17,424	16,943	16,500	16,028	15,546	14,947	14,589
	Yokohama	657	647	633	610	591	579	553	534	522	517	503	487	464	440	426	416	405
	Kawasaki	2,397	2,304	2,245	2,179	2,091	2,036	1,984	1,913	1,831	1,786	1,739	1,700	1,604	1,549	1,503	1,455	1,396
	Fuji	551	539	530	518	514	510	485	473	463	459	450	445	434	425	416	407	373
	Nagoya	3,505	3,320	3,204	3,074	2,917	2,826	2,730	2,615	2,533	2,435	2,360	2,278	2,216	2,159	2,107	2,055	2,001
	Tokai	628	586	567	549	521	504	476	452	432	419	399	391	380	371	359	347	337
	Yokkaichi	589	574	553	532	515	501	523	513	499	488	476	462	450	433	422	411	394
	Kusunoki	58	56	53	51	49	49	49	49	49	49	49	49	49	49	49	49	49
	Osaka	11,815	11,214	10,718	10,289	9,960	9,543	9,139	8,790	8,468	8,142	7,819	7,468	7,204	6,890	6,674	6,471	6,255
	Toyonaka	327	314	299	291	281	270	260	251	237	235	226	217	206	197	193	187	180
	Suita	325	310	297	287	274	264	255	250	243	235	230	225	219	209	205	199	191
	Moriguchi	1,848	1,754	1,687	1,641	1,581	1,493	1,454	1,398	1,360	1,335	1,293	1,261	1,223	1,206	1,177	1,146	1,114
	Higashiosaka	2,237	2,123	2,000	1,909	1,846	1,801	1,749	1,676	1,570	1,514	1,453	1,402	1,358	1,322	1,274	1,234	1,195
	Yao	1,176	1,139	1,103	1,073	1,035	1,015	981	938	913	887	856	814	776	756	721	704	680
	Sakai	2,813	2,727	2,583	2,452	2,339	2,250	2,170	2,100	2,021	1,968	1,911	1,835	1,765	1,703	1,655	1,599	1,438
	Kobe	1,390	1,331	1,273	1,250	1,207	1,186	1,145	1,095	1,024	959	916	863	830	786	758	681	656
	Amagasaki	3,428	3,258	3,119	3,015	2,876	2,764	2,674	2,570	2,456	2,357	2,298	2,221	2,157	2,108	2,022	1,944	1,880
	Kurashiki	2,014	1,956	1,894	1,829	1,773	1,721	1,675	1,614	1,548	1,490	1,449	1,392	1,340	1,293	1,240	1,190	1,148
	Tamano	66	65	64	63	59	54	50	47	45	44	41	39	36	33	32	30	28
	Bizen	97	92	88	80	75	71	70	66	62	60	55	52	51	49	46	43	36
	Kitakyushu	1,372	1,331	1,255	1,212	1,156	1,114	1,087	1,060	1,037	1,012	987	958	937	912	895	864	848
	Omura	1,629	1,572	1,453	1,381	1,311	1,249	1,192	1,149	1,108	1,063	1,012	963	919	866	825	776	738
	Total of Class I Areas	65,015	62,054	59,415	57,138	54,819	53,024	50,904	48,945	47,193	45,739	44,223	42,732	41,372	40,015	38,767	37,273	36,128
Class II Areas	Niigata (Pref.)	162	156	145	139	129	122	114	109	101	97	92	85	82	74	75	73	67
	Niigata	196	195	189	186	175	169	159	149	145	138	132	129	125	119	112	110	105
	Kumamoto (Pref.)	678	645	616	595	570	549	521	502	468	448	426	410	382	357	334	315	305
	Kagoshima (Pref.)	240	234	221	215	204	199	192	186	181	172	168	163	150	144	132	126	117
	(Sub-total)	1,276	1,230	1,171	1,135	1,078	1,039	986	946	895	855	818	787	739	694	653	624	594
	Shimane (Pref.)	6	5	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3
	Miyazaki (Pref.)	74	73	68	65	63	58	56	55	54	50	51	49	53	50	50	47	49
	(Sub-total)	80	78	73	70	68	63	61	60	58	53	54	52	56	53	53	50	52
	Toyama (Pref.)	9	6	5	4	4	4	4	3	2	4	5	5	5	4	4	3	5
	Total of Class II Areas	1,365	1,314	1,249	1,209	1,150	1,106	1,050	1,008	957	913	877	844	800	751	710	677	651
合 計		66,380	63,368	60,664	58,347	55,969	54,130	51,954	49,953	48,150	46,652	45,100	43,576	42,172	40,766	39,477	37,950	36,779

Notes:

\* Kusu-cho was merged with Yokkaichi in February, 2005. Since 2004, the number of certified patients of Yokkaichi has included that of Kusu-cho.

Source: Article of Planning Division, Environmental Health Department, Integrated Environmental Policy Bureau, Ministry of the Environment

**8.11 ① Number of certified persons by Act on Compensation, etc. for pollution related health damage  
(Status of application process for Minamata disease certification)**

(As of the end of April, 2016)

(As of the end of April, 2010)

		Applied	Withdrawn	Processed		Unprocessed
				Certified	Rejected	
Kumamoto	Old legislation	3,312	92	1,500	1,720	0
	New legislation	18,377	6,684	287	10,139	1,267
	Total	21,689	6,776	1,787	11,859	1,267
Kagoshima	Old legislation	230	3	114	113	0
	New legislation	9,111	4,251	379	3,626	855
	Total	9,341	4,254	493	3,739	855
Niigata	Old legislation	644	10	335	299	0
	New legislation	833	153	39	540	101
	Total	1,477	163	374	839	101
City of Niigata	Old legislation	588	38	309	241	0
	New legislation	517	126	22	308	61
	Total	1,105	164	331	549	61
Total	Old legislation	4,774	143	2,258	2,373	0
	New legislation	28,838	11,214	727	14,613	2,284
	Total	33,612	11,357	2,985	16,986	2,284
Act on Temporary Measures		495	80	33	360	22

Source: Materials from Special Environmental Diseases, Environmental Health Department, Environmental Policy Bureau, MOE, the Government of Japan

## 8.11 ② Judgment on relief measures based on the Law Concerning Special Measures for Compensation of Minamata Disease

(Unit: person)

	The number of applicants for lump-sum payment, etc.				number of switched cases (*1)
	① accepted (for lump-sum)	② accepted (for cost of medical care)	③ number of cases fall under neither ① nor ②	④ total	
Kumamoto	19,306	3,510	5,144	27,960	14,797
Kagoshima	11,127	2,418	4,428	17,973	1,998
Nigata (*2)	1,811	85	77	1,973	29

Notes:

(※1) The number of people who switched to the Handbook of the Minamata Disease Victims (stipulated by the Law Concerning Special Measures for Compensation of Minamata Disease) from their National Health Insurance card that they possessed before the law was enforced.

(※2) For Niigata Prefecture, provisional values as of August 22, 2014, are shown.

Source: Materials from Special Environmental Diseases, Environmental Health Department, Environmental Policy Bureau, MOE, the Government of Japan

## 8.12 Acceptance and approval applications based on the Act on Asbestos Health Damage Relief

### 1. Acceptance of applications

(As of the end of FY2014)

	Mesothelioma	Pulmonary	Asbestosis	Diffuse pleural thickening	Others	Total
Patients in case	6,138	1,968	163	144	189	8,602
Bereaved families of the deceased before enforcement	3,644	642	55	16	72	4,429
Bereaved families of the unclaimed deceased	784	276	32	28	23	1,143
Total	10,566	2,886	250	188	284	14,174

### 2. Approval

(As of the end of FY2014)

	Mesothelioma	Pulmonary	Asbestosis	Diffuse pleural thickening	Total
Patients in case	4,799	1,042	22	54	5,917
Bereaved families of the deceased before enforcement	3,375	147	36	10	3,568
Bereaved families of the unclaimed deceased	530	148	2	5	685
Total	8,704	1,337	60	69	10,170

Source: "Acceptance and approval of applications based on the Act on Asbestos Health Damage Relief" by Environmental Restoration and Conservation Agency



## 8.13 Implementation Rate of Green Procurement in Local Governments and Enterprises

( Unit : % )

	Local Governments	Enterprises
FY 2002	38.7	56.0
2003	38.4	60.5
2004	41.5	57.4
2005	44.2	56.0
2006	76.1	60.8
2007	76.2	73.3
2008	76.0	73.6
2009	73.1	74.1
2010	73.8	71.9
2011	78.6	62.6
2012	81.3	66.1
2013	82.5	64.0
2014	69.0	60.9

## Notes:

- Regarding "Local Governments", rates are sourced from the "Survey of Green Purchasing of Local Public Entities" by the Environment and Economy Division, Environmental Policy Bureau, Ministry of the Environment (MOE).
- Regarding "Local Governments", we have changed the question form of the questionnaire by items such as paper and stationery, etc. from fiscal year 2006 and considered it as being implemented if any one was applicable.
- The data relates to the ratio of local governments that are "systematically working" on green procurement. From FY2004, it has been deemed that green procurement is implemented in the case of initiatives based on policies, plans, etc., if targets and target items are described in them, and in the case of measures not based on policies, plans, etc., if green procurement is substantially promoted.
- Regarding "Enterprises", rates are sourced from the "Survey Results of Environmentally Friendly Corporate Behaviors" by the Environment and Economy Division, Environmental Policy Bureau, MOE.
- From fiscal 2007 (biennial), the figures equal to the total percentage of "Create and select guidelines, etc.", "Selection by utilizing guidelines etc. created by industry groups" and "Taking environmental consideration into account, though not using guidelines etc."
- For "Enterprises", survey items have been changed since FY2012.

## Source:

For the local government: "Survey of green purchasing of local public entities" by Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

For the enterprise: 'Survey Results of Environmentally Friendly Corporate Behaviors' by Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.14 Enforcement of performed environmental impact assessment under Environmental Impact Assessment Law

( Unit: Case ) (As of the end of FY2014)

	Road	River	Railroad	Airport	Power plant	Disposal site	Land fill/ Reclamation	Surface improvement	Total
Procedures started	81	8	18	10	201	6	17	21	355
	(21)	(0)	(4)	(0)	(85)	(1)	(3)	(9)	(122)
In the process	10	0	3	1	113	1	3	2	132
	(0)	(0)	(1)	(0)	51	(0)	(0)	(0)	(52)
Procedures completed	62	7	13	8	65	5	12	14	181
	(20)	(0)	(3)	(0)	(20) 1	(1)	(2) 1	(7)	(52)
Procedures halted	9	1	2	1	23	0	2	5	42
	(1)	(0)	(0)	(0)	(14)	(0)	(1)	(2)	(18)
Comments from the Minister of the Environment	64	7	14	8	114	0	5	15	224
	(21)	(0)	(3)	(0)	(37)	(0)	(0)	(8)	(69)
Impact Statement	1	0	1	0	32	0	1	1	36
	(0) 3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Scoping 1)	-	-	-	-	-	-	-	-	-
Evaluation 2)	63	7	13	8	82	0	4	14	188
	(21)	(0)	(3)	(0)	(37) 2)	(0)	(0)	(8)	(69)
Report	0	0	0	0	0	0	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

## Notes:

・Parenthesized figures refer to businesses that have changed procedures to procedures based on the law in the middle of the process."

・ When two business projects were merged, they were counted as one.

1: Including 7 business projects (that are determined as assessment procedures unnecessary as a result of the screening) that the notifications based on Article 4, Paragraph 3, Item 2 of The Environmental Impact Assessment Law have been completed.

2: There are 12 other business projects to which Ministry of the Environment submit comments, based on Environmental Assessment Enforcement Outline in regard to Wind Energy project (Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry, June 6th, 2012).

3: Including 1 project on which comments by the Minister of the Environment was submitted (a transitory measure).

Source: materials by Office of Environmental Impact Assessment Review, Environmental Impact Assessment Division, Environmental Health Department, MOE, the Government of Japan

**8.15 The number of cases that completed environmental impact assessment procedures under Environmental Impact Assessment Law (as of the end of FY2014)**

(Unit: case) (As of the end of FY2014)

	Project type																	
	Road		River		Railroad		Airport		Power plant		Disposal site		Land fill/Reclamation		Surface improvement		Total	
	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended	Completed	Suspended
FY 1999	8(8)	-	-	-	1(1)	-	-	-	3(3)	-	1(1)*	-	1(1)*	-	1(1)	-	14(14)*	-
2000	8(7)	-	-	-	1(1)	-	1(0)*	-	10(8)	-	-	-	2(1)*	-	6(6)	1(1)	27(23)*	1(1)
2001	5(5)	-	-	-	6(1)	-	1(0)	-	3(1)	-	-	-	1(0)	-	1(0)	-	17(7)	-
2002	1(0)	-	1(0)	1(0)	-	-	1(0)	-	2(0)	2(0)	1(0)	-	-	-	-	-	6(0)	3(0)
2003	-	2(0)	-	-	-	-	-	-	2(0)	-	-	-	-	-	4(0)	-	6(0)	2(0)
2004	7(0)	4(0)	1(0)	-	-	-	1(0)	-	1(0)	-	-	-	-	-	-	-	10(0)	4(0)
2005	6(0)	1(1)	1(0)	-	2(0)	-	2(0)	-	2(0)	-	1(0)*	-	1(0)*	-	-	1(0)	14(0)*	2(1)
2006	5(0)	2(0)	-	-	-	2(0)	1(0)*	-	6(0)	1(0)	-	-	2(0)*	-	-	1(0)	13(0)*	6(0)
2007	5(0)	-	1(0)	-	-	-	-	1(0)*	2(0)	-	1(0)	-	1(0)	1(0)*	2(0)	-	12(0)	1(0)*
2008	5(0)	-	1(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	6(0)	-
2009	2(0)	-	-	-	-	-	-	-	5(0)	1(0)	-	-	-	-	-	-	7(0)	1(0)
2010	2(0)	-	-	-	-	-	-	-	3(0)	1(0)	-	-	-	-	-	1(1)	5(0)	2(1)
2011	2(0)	-	-	-	-	-	-	-	2(0)	-	-	-	1(0)	1(1)	-	-	5(0)	1(1)
2012	-	-	1(0)	-	2(0)	-	-	-	9(4)	1(0)	-	-	1(0)	-	-	-	13(4)	1(0)
2013	3(0)	-	-	-	-	-	1(0)	-	5(0)	9(6)	-	-	2(0)	-	-	1(0)	10(0)	10(6)
2014	3(0)	-	1(0)	-	1(0)	-	-	-	10(4)	8(8)	1(0)	-	-	-	-	-	16(4)	8(8)
Total	62(20)	9(1)	7(0)	1(0)	13(3)	2(0)	8(0)*	1(0)*	65(20)	23(14)	5(1)*	0(0)	12(2)*	2(1)*	14(7)	5(2)	181(52)*	42(18)*

Notes:

- Parenthesized figures refer to businesses that have changed the procedures to procedures based on the law in the middle of the procedures, and included in "Total."
- Figures with \* indicate that two business projects merged were included, but they are counted as one.

Source: materials of Office of Environmental Impact Assessment Review, Environmental Impact Assessment Division, Environmental Health Department, MOE, the Government of Japan

**8.16 Status of formulating basic ordinances of Environmental Policy****By Basic Property**

( Unit : % )

Status of formulating basic ordinances of Environmental Policy	Nationwide at	Prefecture	ordinance-designated city	Municipality
	(n=1023)	(n=41)	(n=17)	(n=965)
Dealt with/Completed	75.3	97.6	100.0	73.9
Work in progress	0.2	0.0	0.0	0.2
Under consideration	3.8	0.0	0.0	4.0
No plan at the moment	20.4	2.4	0.0	21.6
No response	0.3	0.0	0.0	0.3

**By Population Size**

( Unit : % )

Status of formulating basic articles of Environmental Policy	Less than 10 thousand	10 thousand or more ~ less than 100 thousand	100 thousand or more ~ less than 300 thousand	300 thousand or more ~ less than 500 thousand	500 thousand or more
	(n=157)	(n=581)	(n=171)	(n=44)	(n=70)
Completed	40.1	74.9	95.3	93.2	97.1
Work in progress	0.0	0.3	0.0	0.0	0.0
Under consideration	7.0	4.8	0.0	0.0	0.0
No plan at the moment	51.6	19.8	4.7	6.8	2.9
No response	1.3	0.2	0.0	0.0	0.0

Source: Materials of "Survey questionnaire for local governments in regard to the Basic Environmental Plan 2015" by Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.17 Status of formulating basic plans of Environmental Policies

### By Basic Property

( Unit : % )

Status of formulating basic plans of Environmental Policy	National	Prefecture	Ordinance-designated city	Municipality
	(n=1023)	(n=41)	(n=17)	(n=965)
Completed	76.5	100.0	100.0	75.1
Work in progress	1.8	0.0	0.0	1.9
Under consideration	4.9	0.0	0.0	5.2
No plan at the moment	16.6	0.0	0.0	17.6
No response	0.2	0.0	0.0	0.2

### By Population size

( Unit : % )

Status of formulating basic plans of Environmental Policy	Less than 10 thousand	10 thousand or more ~ less than 100 thousand	100 thousand or more ~ less than 300 thousand	300 thousand or more ~ less than 500 thousand	500 thousand or more
	(n=157)	(n=581)	(n=171)	(n=43)	(n=71)
Completed	40.8	75.6	97.7	100.0	98.6
Work in progress	1.9	2.4	0.6	0.0	0.0
Under consideration	8.3	6.4	0.0	0.0	0.0
No plan at the moment	48.4	15.5	1.8	0.0	1.4
No response	0.6	0.2	0.0	0.0	0.0

Source: materials of "Survey questionnaire for local governments in regard to the Basic Environmental Plan 2015," Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

**8.18 Status of environmental policies local governments are focusing on**

( Unit : % )

Item	Total (n = 3,513) Environmental Policies that are currently emphasized and carried out (multiple answers allowed)
a. Conservation of global environment	28.3
b. Initiatives regarding to conservation and sustainable use of biodiversity	14.6
c. Initiatives to ensure circulation of material and a creation of a sound material-cycle society	23.2
d. Initiatives regarding to conservation of aquatic, soil and ground environment	10.3
e. Initiatives regarding to conservation of the atmospheric environment	4.5
f. Initiatives to establish and promote comprehensive hazardous chemical control	0.2
g. Promoting green economy and society	1.7
h. Enrichment of developing technologies, R&D, Monitoring and observing, etc.	0.7
i. Policies on International initiatives	0.1
h. Promoting development of local communities and human resources	10.7
k. Improvement of and providing environmental information and enrichment of publicity	1.0
i. Evaluation of environmental impacts, etc.	0.2
m. Measures for environmental health, settlement of environmental pollution disputes, and against environmental crimes	2.2
Others	2.3
No response	0.0

Source: materials of "Survey questionnaire for local governments in regard to the Basic Environmental plan 2015,"  
Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.19 Business confidence in Environmental business in Japan

( DI : "Good"-"Bad", %point )

	Present	6 months from now	10 years from now
Average	25	25	41
Previous survey	(26)	(25)	(41)
Big enterprise	29	29	51
Medium-sized enterprise	27	27	42
Small- and medium-sized enterprise	20	18	31
Manufacturing	27	26	46
Non-manufacturing	24	24	39

Source: "Economic Survey of Environmental Industries in December 2015," Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

**8.20 Top 5 Environmental business that are expected to grow (total of all enterprise scale)**

<b>Present</b>		( Percentage in total % )
1	Energy-saving vehicles	26.7
2	Air pollution prevention equipment/facility	17.1
3	Waste water treatment equipment and facility	10.0
4	Solar generation system (manufacturing of related equipment)	10.0
5	Renewable energy Note)	9.1

Note:

Renewable energy refers to new energy sources such as Wind power, hydrogeneration, hydroelectric power generation, geothermal power generation, solar thermal application, biomass power system, medium and small hydroelectric generation, etc. and equipment manufacturing and sales business of thereof.

<b>6 months from now</b>		( Percentage in total % )
1	Energy-saving vehicles	28.6
2	Renewable energy ※ )	12.5
3	Air pollution prevention equipment/facility	11.8
4	Solar generation system (manufacturing of related equipment)	7.3
5	Waste water treatment equipment and facility	5.4

<b>10 years from now</b>		( Percentage in total % )
1	Renewable energy	24.0
2	Energy-saving vehicles	17.7
3	Air pollution prevention equipment/facility	7.8
4	Other businesses for counter-measures against global warming	6.4
5	Battery	5.7

Source: "Economic Survey of Environmental Industries in December 2015" by Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan



## 8.21 Business outlook (Diffusion Index)

( DI: Good-Bad, % Point )

						→ Forecast		
	2014	2015				2016		~ 10 years from now
	Dec.	Mar.	Jun.	Sep.	Dec.	Mar.	Jun.	
Environmental Business	22		22		21		22	21
Forecast made 6 months ago	(24)		(23)		(23)			(22)
A Environmental pollution control	12		12		15		19	19
B Prevention of global warming	31		29		28		28	27
C Waste disposal/Effective Utilization of Resources	14		17		12		11	4
D Natural Conservation	5		12		1		15	37
All business	11		14		15		15	8
Forecast made 6 months ago	(15)		(12)		(15)			(7)
Of which carries out environmental business	22		25		22		24	17
Of which carries out NO environmental business	8		10		13		12	5
"BOJ's Tankan Survey" (The Bank of Japan's Short-Term Economic Survey of Enterprises in Japan including all scales of business and all industries)	5	7	7	8	9	3		

## Notes:

- 1,581 valid responses were returned from Environmental business entities and 4,855 responses from all business as of December 2015.
- Figure of March 2016 in "BOJ's Tankan Survey" is Index of Leading Economic Indicators.

Source: "Economic Survey of Environmental Industries in December 2015," Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.22 Environmental business outlook (by type of environmental business)

(DI: Good - Bad, %Point)

	Total of all scales and sizes					
	Present		6 months from now		10 years from now	
	Valid response	DI	Valid response	DI	Valid response	DI
Environmental business total	1,581	21	1,568	22	1,531	21
Previous survey	1,495	22	1,484	23	1,459	22
A. Environmental pollution control	367	15	363	19	356	19
Previous survey	333	12	330	14	323	16
B. Prevention of global warming	835	28	830	28	805	27
Previous survey	812	29	807	30	792	29
C. Waste disposal/Effective utilization of resources	325	12	321	11	316	4
Previous survey	318	17	315	18	312	10
D. Conservation of natural environment	54	1	54	15	54	37
Previous survey	32	12	32	12	32	28
A-1 Air pollution prevention equipment/facility	43	21	43	35	42	29
A-2 Waste water treatment equipment/facility	64	9	63	13	61	20
A-3 Soil and water purifier/facility (including underground water clean-up)	21	19	20	20	19	16
A-4 Noise, vibration prevention equipment/facility	17	24	17	18	17	17
A-5 Environmental analysis, measurement, monitoring equipment	11	0	11	9	11	37
A-6 Other environmental pollution control products/equipment/facility	75	11	74	18	72	29
A-7 Waste water treatment service	40	20	39	18	38	-16
A-8 Soil and water purification service (including underground water purification)	22	9	22	13	21	14
A-9 Environmental analysis, measurement, monitoring, assessment	24	17	24	21	24	16
A-10 Research and development on environment/engineering	11	18	11	18	12	42
A-11 Environmental education, environmental finance and consulting	23	26	23	30	23	44
A-12 Other environmental pollution control service	16	6	16	0	16	-12
B-1 Renewable energy	214	46	212	47	201	42
B-2 Photovoltaic (PV) power system (production of related machinery)	72	4	72	3	72	-2
B-3 Photovoltaic (PV) power system (installation/maintenance)	110	24	110	11	107	-25
B-4 Smart grid	17	18	17	35	17	41
B-5 Energy-saving vehicle	68	25	67	27	65	43
B-6 Energy-saving home appliance	63	17	62	25	61	30
B-7 High-efficiency hot water heater	103	29	103	29	100	35
B-8 Consultancy in the field of energy-saving	35	20	35	17	33	33
B-9 Storage battery	37	21	37	21	37	38
B-10 Energy saving housing construction	44	43	44	48	43	39
B-11 Other business related to global warming countermeasures	72	17	71	17	69	42
C-1 Waste disposal equipment/facility	28	21	28	25	28	0
C-2 Household waste disposal	43	17	43	14	42	-9
C-3 Industrial waste disposal	101	18	101	16	100	-10
C-4 Renovation/repairing	24	25	24	17	23	18
C-5 Lease/rental	25	4	25	4	25	16
C-6 Secondhand goods	16	19	15	6	14	7
C-7 Recycled material	73	-3	70	0	69	16
C-8 Other resource use	15	13	15	13	15	53
D-1 Water resource use	8	***	8	***	8	***
D-2 Sustainable agricultural forestry industries and fisheries/tree planting	34	11	34	17	34	32
D-3 Other conservation of natural environment	12	8	12	17	12	50

Source: "Economic Survey of Environmental Industries in December 2015," Environmental Strategy Division, Environmental Policy Bureau, MOE, the Government of Japan

**8.23 Initiatives toward environmental management (Listed companies)**

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Formulate management policies related to environment (%)	82.9	86.5	83.6	83.9	85.6	87.1	-	-	-	-
Set up specific goals (%)	82.6	87.3	84.7	84.7	86.9	93.2	89.8	91.7	92.8	84.0
Formulate specific action plans (%)	80.0	-	-	-	-	-	-	-	-	-
Number of valid responses (case)	1,213	1,138	1,151	1,227	1,142	1,034	949	374	483	425

Note:

- Since FY2011, "Formulate management policies related to environment" question is no longer on the questionnaire.
- Since FY2011, rates of the number of entities that grasp the data of environmental load in their business area were used.

Source: "Survey on Environmentally Friendly Activities of Businesses," Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.24 Companies that disclose environmental information

( Unit : case )

	FY1999	2000	2001	2002	2003	2004	2005	2006	2008	2010	2011	2012	2013	2014
States in securities reports	105	134	136	171	166	277	375	359	168	120	266	-	144	-
States in some parts of annual reports	-	-	-	-	-	-	-	-	324	224	-	-	-	-
States in IR materials (Annual reports, etc.)	-	-	-	-	-	-	-	-	-	-	337	-	228	-
States in website	335	607	848	1,084	1,176	977	1,180	1,317	1,329	1,254	1,320	-	768	-
Disclose in brochure	360	365	293	275	248	228	216	293	258	210	864	-	477	-
Publish environmental reports	270	430	515	633	714	801	933	1,049	1,160	1,068	1,015	514	593	551
Hold a meeting for local residents	-	-	161	174	197	264	288	303	310	259	-	-	-	-
Hold a meeting for stakeholders	-	-	-	-	-	-	-	-	-	-	244	-	157	-
Valid response	886	1,036	1,351	1,564	1,571	1,399	1,585	1,671	1,701	1,672	1,620	-	900	-

## Note:

- Data refers to total numbers. Since multiple answers are allowed, valid response and total numbers do not much.
- Starting in FY 2008, a choice of "States in some parts of annual reports" was included in the survey.
- Starting in FY 2009, the survey is conducted biennially.
- Starting in FY 2011, the survey is conducted every year since the questionnaire was incorporated into White paper.
- Starting in FY 2011, a choice of "State in some parts of annual reports" was simplified to "State in IR materials (IR reports, etc.)."
- Starting in FY 2011, "Hold a meeting to report to the residents" was merged into "Hold a meeting to explain to stakeholders."
- Only "Published environmental reports" question was asked in FY 2012 in another survey. (added up the number of entities that made environmental report(s) and the number of entities that made a part of CSR report(s), and so forth.)
- In FY2013, "Publish environmental reports" shows the number that is added up the number of entities that made environmental report(s) and the number of entities that made CSR report(s) showing environmental data.
- "securities reports" = "securities report(s)" + "business report bound by the Companies Act," "brochure" = "production catalogue(s)" + "business prospectus(es)."
- In 2014, "Publish environmental reports" only. Survey was conducted with other questions.

Source: "Survey on Environmentally Friendly Activities of Businesses," Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

**8.25 Status of compiling and disclosing of environmental reports**

	FY2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Compile and disclose environmental reports	933	1,049	1,011	1,160	1,091	1,068	1,015	514	593	551
Plan to compile and disclose environment reports next Fiscal Year	99	98	97	71	63	54	-	20	-	-
Compile but do not disclose	-	-	-	-	-	-	54	-	36	23
To be discussed	-	-	-	-	-	-	98	-	43	24
Not compiling	547	488	518	458	598	549	451	157	227	135
No response	6	9	5	12	8	1	2	0	1	1
Valid responses	1,585	1,644	1,631	1,701	1,760	1,672	1,620	691	900	734

## Notes:

- Valid responses refer to the number of companies that disclose environmental information.
- "Compile and disclose" refer to publishing ed as parts of CSR reports and Sustainability reports.
- Starting in FY2011, "Plan to compile and disclose next Fiscal Year" was divided into "Compile but not disclose" and "To be discussed", but they were deleted from the Survey in FY 2012.

Source: "Survey on Environmentally Friendly Activities of Businesses" by Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.26 Conditions of introduction of environmental accounting

( Unit : case )

	FY2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Already introduced	491	573	661	712	790	819	761	805	771	730	652	304	395	301
Under discussion to be introduced	580	461	387	440	369	363	345	290	277	206	275	73	95	-
No plan to be introduced	1,451	1,521	1,433	1,144	1,270	1,336	1,437	1,584	1,679	1,666	1,484	627	811	832
Unaware of the term "Environmental accounting"	248	246	162	209	235	231	258	323	297	312	376	157	179	178
No response	16	25	38	19	27	25	18	26	12	9	7	0	16	89
Not interested in Environmental accounting	64	76	58											
Others	48	65	56											
Valid responses	2,898	2,967	2,795	2,524	2,691	2,774	2,819	3,028	3,036	2,923	2,794	1,161	1,496	1,400

Starting in FY 2004, survey methods were changed and ※questions were deleted.

Source: "Survey on Environmentally Friendly Activities of Businesses," Environment and Economy Division, Environmental Policy Bureau, MOE, the Government of Japan

## 8.27 Changes in results of National examinations for Pollution Control Manager and Others

	# of Applicants	# of Examinees	The ratio of applicants to the number of examinees (%)	# of successful applicants	Examination pass rate(%)	Total number of successful applicants between FY 1971 and FY 2015	
FY 1971	115,951	95,197	82.1	36,385	38.2	Air Pollution Control Manager First grade	69,964
1972	139,558	108,487	77.7	35,667	32.9	Air Pollution Control Manager Second grade	5,152
1973	119,700	90,138	75.3	29,946	33.2	Air Pollution Control Manager Third grade	8,107
1974	116,917	86,973	74.4	21,443	24.7	Air Pollution Control Manager Fourth grade	8,334
1975	96,223	71,741	74.6	15,710	21.9	Subtotal	91,557
1976	76,345	55,550	72.8	10,698	19.3		
1977	68,680	50,153	73.0	13,308	26.5		
1978	54,731	39,320	71.8	8,402	21.4		
1979	43,108	30,095	69.8	6,572	21.8	Water Pollution Control Manager First grade	114,396
1980	38,301	27,542	71.9	5,322	19.3	Water Pollution Control Manager Second grade	21,275
1981	33,853	24,205	71.5	5,460	22.6	Water Pollution Control Manager Third grade	10,937
1982	30,780	21,790	70.8	5,137	23.6	Water Pollution Control Manager Fourth grade	24,234
1983	26,764	18,834	70.4	3,328	17.7	Subtotal	170,842
1984	23,070	17,385	75.4	3,508	20.2		
1985	21,542	16,330	75.8	3,322	20.3		
1986	20,441	15,848	77.5	3,010	19.0	Noise and Vibration Abatement Manager	3,954
1987	17,727	14,173	80.0	3,413	24.1	* Noise Abatement Manager	46,403
1988	17,881	14,253	79.7	2,885	20.2	* Vibration Abatement Manager	13,696
1989	18,853	15,233	80.8	4,071	26.7	Specific Dust Pollution Control Manager	720
1990	20,545	16,382	79.7	3,480	21.2	General Dust Pollution Control Manager	5,741
1991	22,741	18,352	80.7	4,283	23.3	Dioxins Pollution Control Manager	12,801
1992	24,141	19,803	82.0	3,868	19.5	Chief Manager of Pollution Control	12,496
1993	25,342	20,866	82.3	4,589	22.0	Total	358,210
1994	25,681	21,161	82.4	5,250	24.8		
1995	25,950	21,475	82.8	4,221	19.7		
1996	26,101	21,336	81.7	3,119	14.6		
1997	26,405	21,619	81.9	4,336	20.1		
1998	27,419	22,555	82.3	4,858	21.5		
1999	28,176	23,009	81.7	5,107	22.2		
2000	34,853	28,737	82.5	8,307	28.9		
2001	31,257	25,613	81.9	6,055	23.6		
2002	30,379	24,684	81.3	6,005	24.3		
2003	31,003	25,174	81.2	5,417	21.5		
2004	28,553	23,201	81.3	5,805	25.0		
2005	29,489	24,016	81.4	7,376	30.7		
2006	25,899	21,351	82.4	5,134	24.0		
2007	29,504	25,237	85.5	3,132	12.4		
2008	33,945	29,564	87.1	6,127	20.7		
2009	33,649	29,437	87.5	6,446	21.9		
2010	33,516	29,456	87.9	6,691	22.7		
2011	31,952	28,045	87.8	6,220	22.2		
2012	30,952	27,248	88.0	6,364	23.4		
2013	31,319	27,328	87.3	5,407	19.8		
2014	29,862	25,989	87.0	6,501	25.0		
2015	29,129	25,562	87.8	6,525	25.5		

Notes:

- \* refers to the accumulated subtotal of successful applicants up to FY2005. After FY 2006, they were merged into Noise and Vibration Abatement Manager.
- Since FY2006, "System to pass by each subject" was introduced.

Source: "Result of National exam for Pollution Control Managers (each FY)," Ministry of Economy, Trade and Industry, as well as Ministry of Environment, the Government of Japan

## 8.28 Number of Environmental NGOs and the like

## ●Number of organizations by prefecture

Prefecture	# of organizations	Ratio(%)
Hokkaido	327	0.07
Aomori	49	0.01
Iwate	69	0.02
Miyagi	97	0.02
Akita	54	0.01
Yamagata	47	0.01
Fukushima	95	0.02
Ibaraki	68	0.02
Tochigi	51	0.01
Gunma	62	0.01
Saitama	106	0.02
Chiba	129	0.03
Tokyo	504	0.12
Kanagawa	178	0.04
Niigata	84	0.02
Toyama	62	0.01
Ishikawa	53	0.01
Fukui	41	0.01
Yamanashi	45	0.01
Nagano	112	0.03
Gifu	82	0.02
Shizuoka	137	0.03
Aichi	185	0.04
Mie	88	0.02
Shiga	66	0.02
Kyoto	111	0.03
Osaka	203	0.05
Hyogo	149	0.03
Nara	49	0.01
Wakayama	46	0.01
Tottori	37	0.01
Shimane	62	0.01
Okayama	64	0.01
Hiroshima	97	0.02
Yamaguchi	48	0.01
Tokushima	52	0.01
Kagawa	49	0.01
Ehime	59	0.01
Kochi	58	0.01
Fukuoka	126	0.03
Saga	30	0.01
Nagasaki	38	0.01
Kumamoto	66	0.02
Oita	44	0.01
Miyazaki	47	0.01
Kagoshima	59	0.01
Okinawa	40	0.01
No response	53	0.01
Nationwide total	4,378	100.00

## ●Corporate status

Kind of corporate status	# of organizations	Ratio(%)
Specified Nonprofit organization (NPO)	2,687	0.61
Foundation	209	0.05
Incorporated association	160	0.04
Others	11	0.00
None (non-statutory body)	730	0.17
No response	581	0.13
Total	4,378	100.00

## ●Fields of activity ( Multiple answers allowed )

Field of activities	# of organizations	Ratio(%)
Forest conservation, Tree planting	1,614	36.87%
Prevention of desertification	110	2.51%
Recycling and waste management	970	22.16%
Prevention of global warming	1,081	24.69%
Conservation of fauna, flora and biodiversity	1,494	34.13%
Measures for alien species	495	11.31%
Toxic chemicals control	227	5.19%
Protection of air quality	391	8.93%
Noise, Vibration, and Odor control	151	3.45%
Conservation of water and ground environment	1,096	25.03%
Environmental education	2,374	54.23%
Community development and revitalization	2,497	57.04%
Environmentally-friendly consumption and life	781	17.84%
Cleanup operation	1,248	28.51%
Others	773	17.66%

## ●Budget range

Budget range of organization	# of organizations	Ratio(%)
0 ~ less than 1 million yen	1,705	38.94%
1 million yen or more, and less than 10 million yen	1,452	33.17%
10 million yen or more, and less than 100 million yen	840	19.19%
100 million yen or more	241	5.50%
No response	140	3.20%
Total	4,378	100.00

## ●Number of staff

<Total staff number>		
Total staff number (regardless of being paid or not paid)	Number of organizations	Ratio (%)
0	138	5.32%
5 or less	665	25.66%
6 ~ 10	370	14.27%
11 ~ 20	333	12.85%
21 ~ 50	199	7.68%
51 or more	81	3.13%
No response	2,592	100.00%
Total	4,378	100.00

## Notes:

- Survey was conducted among 22,613 organizations in 2015, and 4,378 organizations with valid responses were compiled.
- Ratio refers to the ratio to the total number of organizations with valid responses (4,378 organizations.)
- In FY2015, a survey on the membership numbers (individual and corporate members) was not conducted.

Source: Compiled from "Overview of Environmental NGO and NPO online data base FY2015," Environmental Restoration and Conservation Agency



## 8.29 Funding from Japan Fund for Global Environment

	Adopted (Number)	Grants (Million yen)
FY2004	203	715
2005	202	704
2006	170	579
2007	174	593
2008	205	679
2009	168	513
2010	153	458
2011	179	514
2012	190	600
2013	189	578
2014	197	605
2015	206	599
2016	223	660

Note: Grants for FY 2016 refer to the determined amounts to be granted.

Source: materials of Japan Fund Global Environment by Environmental Restoration and Conservation Agency (incorporated administrative agency).