

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	1,634	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 2012	-	-	6,670	-	6,720	13,390
FY 2013	-	-	6,160	-	-	6,160
FY 2014	-	-	5,510	-	-	5,510
FY 2015	-	-	5,300	-	-	5,300
FY2016	-	-	5,293	-	-	5,293

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 by Ministry of the Environment

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

(Unit : Person)

	2011			2012			2013			2014			2015			2016		
	Pollution-control	Waste management	Environmental conservation	Pollution-control	Waste management	Environmental conservation	Pollution-control	Waste management	Environmental conservation	Pollution-control	Waste management	Environmental conservation	Pollution-control	Waste management	Environmental conservation	Pollution-control	Waste management	Environmental conservation
Hokkaido	241	740	293	240	684	294	232	654	300	235	632	311	232	602	306	225	596	303
Aomori	81	240	44	82	233	45	81	219	46	79	210	45	79	148	46	84	153	43
Iwate	47	201	67	52	196	61	51	184	59	52	164	63	50	158	65	50	151	60
Miyagi	87	114	83	114	141	82	107	136	76	112	113	81	113	103	85	113	96	84
Akita	25	238	72	23	227	67	25	215	62	24	198	65	23	190	62	23	172	61
Yamagata	63	141	115	65	143	119	62	139	121	62	131	119	60	75	116	60	75	116
Fukushima	83	326	195	206	311	205	283	302	221	346	288	240	358	275	180	332	264	190
Ibaraki	193	505	136	217	484	155	214	464	155	202	446	161	196	431	158	193	427	165
Tochigi	102	435	165	132	391	169	135	379	179	129	370	179	121	360	178	110	348	181
Gunma	124	446	119	133	419	130	130	391	127	125	380	123	123	365	118	122	356	118
Saitama	350	1,195	298	357	1,157	298	345	1,135	296	335	1,113	295	340	1,098	306	339	1,080	298
Chiba	294	1,337	296	345	1,304	282	334	1,272	282	309	1,242	290	294	1,220	304	283	1,200	306
Tokyo	710	5,541	660	712	5,360	663	696	5,232	662	684	5,160	668	680	5,096	676	679	5,029	678
Kanagawa	266	1,806	293	260	1,745	325	255	1,698	303	255	1,658	302	253	1,616	307	255	1,592	301
Niigata	89	309	126	93	272	127	101	264	125	104	246	121	104	216	121	102	201	121
Toyama	74	311	48	72	290	47	71	269	47	70	250	48	70	235	49	68	225	49
Ishikawa	110	336	95	110	324	93	105	351	100	111	330	78	106	320	80	107	313	78
Fukui	69	107	74	70	104	74	69	100	74	63	96	81	65	94	82	59	91	89
Yamanashi	32	170	108	32	163	106	32	155	111	30	149	111	31	143	119	32	140	119
Nagano	128	258	252	130	258	259	128	249	267	124	254	262	124	243	267	122	235	265
Gifu	55	711	129	51	700	124	58	677	119	55	659	123	57	637	120	57	628	123
Shizuoka	154	882	120	138	844	111	142	616	112	141	611	110	139	582	117	139	568	116
Aichi	468	1,233	215	473	1,414	235	468	1,360	241	459	1,343	244	457	1,312	223	456	1,304	219
Mie	124	686	75	120	652	75	116	612	76	120	583	78	119	574	79	118	551	81
Shiga	100	242	119	101	235	116	98	240	116	100	235	113	97	234	112	98	220	120
Kyoto	75	359	87	73	347	89	70	346	86	71	343	94	70	337	92	69	332	92
Osaka	348	2,222	261	332	2,115	252	325	2,035	243	315	1,979	236	302	1,941	226	301	1,922	211
Hyogo	222	1,727	177	221	1,677	179	216	1,610	177	209	1,525	168	211	1,486	174	209	1,444	178
Nara	58	962	68	60	918	74	63	903	77	59	873	77	56	846	81	43	836	74
Wakayama	52	464	46	54	424	46	54	412	48	51	394	48	51	376	46	51	359	45
Tottori	26	73	45	27	67	42	27	67	45	27	58	42	27	56	39	28	54	42
Shimane	45	173	52	51	170	54	52	163	49	54	159	48	55	150	52	56	146	48
Okayama	77	390	46	73	378	49	73	349	48	72	361	49	71	355	51	72	335	52
Hiroshima	153	552	97	155	517	100	154	484	97	151	447	95	144	423	98	147	421	94
Yamaguchi	74	762	63	73	749	68	68	722	68	70	693	66	68	679	69	71	655	70
Tokushima	56	532	54	55	516	49	54	506	48	53	491	51	53	480	55	54	468	55
Kagawa	70	411	49	69	401	49	70	389	49	69	380	50	68	368	48	68	358	46
Ehime	103	373	82	104	363	81	102	350	80	106	338	73	104	319	75	104	302	73
Kochi	31	256	77	29	241	84	80	242	81	30	239	76	28	234	78	29	228	74
Fukuoka	123	583	188	127	548	197	120	526	199	120	500	197	120	478	194	121	456	201
Saga	37	195	46	37	181	43	36	182	23	37	182	42	36	172	43	44	170	42
Nagasaki	95	611	114	93	588	109	98	546	54	95	526	107	96	516	110	92	494	106
Kumamoto	110	474	138	108	420	86	108	417	88	101	411	84	100	408	83	103	407	79
Oita	75	533	67	75	502	72	72	479	72	74	459	69	73	438	70	74	429	69
Miyazaki	45	331	86	45	309	89	45	291	86	44	279	82	44	262	83	45	248	85
Kagoshima	87	397	115	86	381	119	79	366	117	82	343	117	82	331	110	85	323	108
Okinawa	58	153	58	57	153	62	60	152	59	41	144	79	40	143	81	38	151	90
Sapporo City	20	828	46	20	819	47	19	805	51	20	790	52	20	775	51	19	746	48
Sendai City	17	265	22	17	270	22	17	261	22	18	239	24	18	236	24	18	235	23
Saitama City	23	467	17	23	453	18	22	430	19	22	416	21	22	387	21	20	364	20
Chiba City	27	200	33	26	184	32	25	165	30	26	159	29	24	154	30	24	155	31
Yokohama City	115	1,846	144	117	1,803	139	117	1,756	145	124	1,803	148	126	1,793	153	124	1,807	163
Kawasaki City	107	1,200	76	109	1,148	74	107	1,121	74	108	1,088	61	106	1,038	60	90	1,011	66
Sagamihara City	25	372	13	24	366	13	26	360	13	26	346	13	26	346	13	26	324	13
Niigata City	16	257	11	15	228	14	16	215	16	15	203	14	15	197	14	16	180	14
Shizuoka City	12	281	26	12	273	25	12	262	25	12	249	26	12	239	25	12	232	25
Hamamatsu City	13	234	38	12	2,312	31	12	214	31	12	214	30	12	206	32	13	194	30
Nagoya City	168	1,498	45	166	1,462	44	166	1,420	42	169	1,416	47	163	1,378	42	165	1,349	42
Kyoto City	93	1,154	11	98	1,141	10	95	1,116	9	105	1,052	10	106	1,008	11	105	985	12
Osaka City	168	2,971	0	157	2,862	0	154	2,696	0	121	2,692	0	116	2,157	0	121	2,092	0
Sakai City	40	224	26	40	207	25	40	203	25	19	200	47	19	190	47	20	181	47
Kobe City	70	1,264	0	70	1,218	0	70	1,166	0	66	1,129	0	67	1,101	0	64	1,077	0
Okayama City	12	427	11	12	419	11	11	409	12	12	398	11	12	390	11	12	377	12
Hiroshima City	16	460	25	15	446	21	15	442	21	15	438	21	15	437	22	15	419	23
Kitakyushu City	36	371	53	37	368	50	36	354	45	37	343	48	51	332	44	50	312	43
Fukuoka City	12	316	24	11	303	29	13	309	30	14	295	27	15	288	30	11	291	28
Kumamoto City				4	350	49	4	322	49	4	317	49	4	312	48	5	266	43
Partial-affairs associations, etc.	5	7,728	5	5	7,484	4	5	7,200	4	1	7,063	6	0	7,326	5	-	7,137	5
Subtotal	7,084	53,406	6,839	7,322	53,630	6,913	7,346	49,776	6,834	7,203	48,535	6,945	7,139	47,115	6,917	7,060	45,987	6,906
Total		67,329			67,865			63,956			62,663			61,171			59,953	

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," 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
2016	261	1,349	44	1,654	5	273	10	288	1,942

Notes:

- In addition, 58 participants completed Environmental Administration Internship program (practical trainings).
- Besides, accepted 11 trainees through environmental aquatic monitoring project, a group training program, conducted from September 7 to October 16, in cooperation with the Japan International Cooperation Agency (JICA).

Source: "Annual Report of Training Courses," Ministry of the Environment

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
2016	5,832	5,075	0	757

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 by 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

(2016)

(Unit: Case)

	Illegal dumping	Violation of commission (note 1)	Unauthorized business (note 2)	Others	Total
Total number of incidents	2,629	11	11	2,424	5,075
Industrial waste	212	10	6	562	790
Municipal waste	2,417	1	5	1,862	4,285

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 by National Police Agency

8.05 Changes in numbers of offenders normally accepted / processed

Year	Ordinary accepted		Processed		Total	Prosecution rate (%)
			Prosecuted	Not prosecuted		
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	8,177	(89)	4,431	3,481	7,912	56.0
2016	8,413	(92)	4,493	3,844	8,337	53.9

Notes:

- Figures in parentheses indicates the indices based on the figure in 2012 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 by Ministry of Justice

8.06 Regions under the Regional Environmental Pollution Control Programs

(As of March 31, 2017)

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	Narashinoshi
	Kashiwashi	Ichiharashi	Nagareyamashi	Yachiyoshi	Abikoshi	Kamagayashi
	Kimitsushi	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	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
	Izumotsushi	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	Yamatotakadashi	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, 117 cities and towns (102 cities, 5 towns, 10 wards)						

Source: Ministry of the Environment

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

(Unit: 100 million yen)

	FY2012		FY2013		FY2014		FY2015		FY2016	
	Project	Subsidies	Project	Subsidies	Project	Subsidies	Project	Subsidies	Project	Subsidies
Sewage (terminal treatment facilities)	1,718	1	1,524	0	1,598	1	1,536	1	1,492	1
Dredging/water conveyance	25	9	26	8	26	9	23	7	24	8
Land improvement for contaminated farmland etc.	3	0	2	0	0	0	0	0	2	0
Measures for soil contamination by Dioxins	0	0	0	0	0	0	0	0	0	0
Total	1,745	10	1,552	9	1,623	10	1,558	8	1,518	9

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

Source: Ministry of the Environment

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

(As of the end of March, 2016)

(As of the end of March, 2016)

Group		Area		Municipalities	Designation date	Certified patients		
Former Class I Region / Nonspecific disease		Chiba	Southern Sea front	Area	Chiba-shi	November 30, 1974	241	
		Tokyo	Chiyoda-ku	All area	Chiyoda-ku	November 30, 1974	126	
		"	Chuo-ku	"	Chuo-ku	December 19, 1975	192	
		"	Minato-ku	"	Minato-ku	November 30, 1974	333	
		"	Shinjuku	"	Shinjuku-ku	"	868	
		"	Bunkyo-ku	"	Bunkyo-ku	"	399	
		"	Taito-ku	"	Taito-ku	December 19, 1975	371	
		"	Shinagawa-ku	"	Shinagawa-ku	November 30, 1974	706	
		"	Ota-ku	"	Ota-ku	"	1,524	
		"	Meguro-ku	"	Meguro-ku	December 19, 1975	447	
		"	Shibuya-ku	"	Shibuya-ku	November 30, 1974	428	
		"	Toshima-ku	"	Toshima-ku	December 19, 1975	518	
		"	Kita-ku	"	Kita-ku	"	815	
		"	Itabashi-ku	"	Itabashi-ku	"	1,450	
		"	Sumida-ku	"	Sumida-ku	"	543	
		"	Koto-ku	"	Koto-ku	November 30, 1974	1,146	
		"	Arakawa-ku	"	Arakawa-ku	December 19, 1975	600	
		"	Adachi-ku	"	Adachi-ku	"	1,395	
		"	Katsushika-ku	"	Katsushika-ku	"	963	
		"	Edogawa-ku	"	Edogawa-ku	"	1,341	
		Tokyo / Total						14,165
		Chronic bronchitis Asthma Asthmatic bronchitis, Emphysema and their sequelae	Yokohama	Tsurumi Sea front areas		Yokohama	February 1, 1972	396
			Kawasaki	Kawasaki-ku, Saiwai-ku		Kawasaki	December 27, 1969	1,354
			"				February 1, 1972	
			"				November 30, 1974	
			Fuji	Midland areas		Fuji	February 1, 1972	364
			"				January 13, 1977	
			Nagoya	South-central areas		Nagoya	February 1, 1973	1,939
			"				December 19, 1975	
			"				June 02, 1978	
			Thokai	North, Midland areas		Aichi (Pref.)	February 1, 1973	330
			Yokkaichi	Rinkai areas		Yokkaichi	December 27, 1969	377
			"	and all Kusu-cho areas			November 30, 1974	
	Osaka		All area		Osaka	December 27, 1969	6,068	
	"					November 30, 1974		
	"					December 19, 1975		
	Toyonaka		South areas		Toyonaka	February 1, 1973	172	
	Suita		South areas		Suita	November 30, 1974	184	
	Moriguchi		All area		Moriguchi	January 13, 1977	1,054	
	Higashiosaka		West-central areas		Higashiosaka	June 02, 1978	1,163	
	Yao		West-central areas		Yao	"	652	
	Sakai		West areas		Sakai	August 1, 1973	1,377	
	"				January 13, 1977			
	Kobe	Sea front areas		Kobe	"	640		
	Amagasaki	East, South areas		Amagasaki	December 1, 1970	1,821		
	"				November 30, 1974			
	Kurashiki	Mizushima areas		Kurashiki	December 19, 1975	1,096		
	Tamano	Southern sea front areas		Okayama (Pref.)	"	26		
	Bizen	Around Katagamiwan areas		"	"	33		
	Kitakyushu	Dokaiwan areas		Kitakyushu	February 1, 1973	821		
	Omuta	Midland areas		Omuta	August 1, 1973	700		
	Total						34,973	
	Class II region / Specific disease	Minamata disease	Agano river	Downstream areas	Niigata (Pref.)	December 27, 1969	61	
"		"	"	Niigata	"	99		
"		Minamata bay	Coastal areas	Kagoshima (Pref.)	"	114		
"		"	"	Kumamoto (Pref.)	"	292		
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						623		
Total						35,596		

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 Ministry of the Environment

8.09 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																		
		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
C l a s s I A r e a s	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	308	313	296	288	267	250	231	214	214	206	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	3,588	3,412	3,251	3,071	2,852
	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
C l a s s I A r e a s	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	3,458	3,478	3,318	3,190	3,041	2,933	2,828	2,746	2,663	2,584	2,495
	Fuji	950	944	896	886	883	879	878	843	783	740	711	681	634	605	582	563	555
	Nagoya	4,718	4,897	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
	Toyoka	788	816	809	849	884	900	1,067	1,045	991	936	903	853	804	765	739	696	669
	Yokkaichi	903	896	886	876	868	856	807	867	829	801	783	746	722	701	674	650	626
	Kusu-cho	101	95	89	89	88	85	90	87	84	83	81	73	71	67	63	62	62
	Osaka	19,015	18,719	18,682	18,743	18,769	19,004	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
	Minoguchi	3,198	3,290	3,274	3,248	3,166	3,080	3,107	3,001	2,843	2,678	2,547	2,426	2,319	2,213	2,115	2,018	1,942
	Higashiosaka	2,078	2,251	2,335	2,916	3,190	3,569	3,696	3,867	3,563	3,359	3,166	3,039	2,940	2,867	2,801	2,408	2,240
	Yao	1,242	1,382	1,516	1,617	1,645	1,720	1,795	1,824	1,785	1,727	1,586	1,511	1,445	1,383	1,310	1,260	1,209
	Sakai	3,470	3,567	3,613	3,710	3,833	3,922	4,242	4,305	4,145	3,983	3,821	3,629	3,446	3,309	3,158	3,023	2,907
	Kobe	1,569	1,658	1,788	1,899	1,965	1,990	2,068	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	5,380	5,494	5,692	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	2,824	2,717	2,592	2,518	2,450	2,342	2,263	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	1,691	1,712	1,730	1,814	1,867	1,954	2,108	2,124	2,032	1,932	1,869	1,777	1,678	1,619	1,541	1,497	1,451
	Omura	1,226	1,298	1,315	1,339	1,421	1,523	1,703	2,436	2,394	2,314	2,166	2,065	2,006	1,915	1,839	1,772	1,703
	Total of Class I 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
C l a s s I A r e a s	Niigata (Pref.)	305	296	284	276	267	257	245	237	229	224	214	208	198	191	184	177	172
	Niigata (Pref.)	273	270	263	256	248	240	232	227	223	218	212	209	207	206	203	200	200
	Kumamoto (Pref.)	1,049	1,077	1,082	1,082	1,068	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
C l a s s I A r e a s	(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
C l a s s I A r e a s	Total of Class II Area	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	71,898	69,031

8.09 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	2015	
Region																				
C l a s s I	Chiba	457	441	429	407	390	380	368	359	346	333	326	316	303	280	271	257	246	241	
	Chiyoda-ku	194	184	177	172	165	158	150	146	147	139	141	143	138	133	126	126	123	126	
	Chuo-ku	286	284	276	274	263	259	252	251	244	240	229	225	227	214	209	204	200	192	
	Minato-ku	621	584	559	534	510	485	470	445	421	410	405	388	373	362	351	341	334	333	
	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	868	
	Bunkyo-ku	730	680	651	621	587	560	536	517	498	490	468	457	443	427	414	408	405	399	
	Taito-ku	670	629	604	584	550	527	514	495	475	468	460	447	432	410	401	391	377	371	
	Shinagawa-ku	1,327	1,302	1,166	1,126	1,102	1,063	1,038	986	948	910	882	849	833	793	753	729	703	688	
	Ota-ku	2,988	2,903	2,868	2,822	2,748	2,699	2,322	2,123	2,064	1,998	1,941	1,889	1,784	1,714	1,654	1,609	1,557	1,524	
	Meguro-ku	739	705	689	661	627	616	601	581	563	551	534	521	510	496	487	473	463	447	
	Shibuya-ku	817	790	774	725	702	676	654	621	590	572	548	516	499	481	465	452	435	428	
	Toshima-ku	909	856	817	793	773	751	736	707	697	682	664	650	638	639	626	589	565	518	
	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	815	
	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	1,450	
	Sumida-ku	943	894	849	829	758	744	736	688	665	655	627	616	601	580	574	562	555	543	
	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	1,146	
	Arakawa	1,158	1,075	1,015	983	942	927	910	881	838	820	780	727	697	671	643	628	616	600	
	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	1,395	
	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	963	
	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	1,341	
	(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	14,165	
A r e a s	Yokohama	657	647	633	610	591	579	553	534	522	517	503	487	464	440	426	416	405	396	
	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	1,458	1,396	1,354	
	Fuji	551	539	530	518	514	510	485	473	463	459	450	445	434	425	416	407	373	364	
	Nagoya	3,905	3,720	3,704	3,704	3,717	3,828	3,730	3,615	3,533	3,435	3,360	3,279	3,216	3,159	3,107	2,959	2,901	2,939	
	Tokai	628	596	587	549	521	504	476	462	432	419	399	391	380	371	359	347	337	330	
	Yokkaichi	589	574	553	532	515	501	523	513	499	486	476	462	450	433	422	411	394	377	
	Kusu-cho	58	56	53	51	49	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	6,068	
	Toyonaka	327	314	299	291	281	270	260	251	237	235	226	217	206	197	193	187	180	172	
	Suita	325	310	297	287	274	264	255	250	243	235	230	225	219	209	205	199	191	184	
	Minaguchi	1,848	1,764	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	1,148	1,114	1,054	
	Higashiosaka	2,237	2,123	2,000	1,969	1,846	1,801	1,749	1,676	1,570	1,514	1,453	1,402	1,358	1,324	1,274	1,234	1,195	1,165	
	Yao	1,176	1,139	1,103	1,073	1,035	1,015	981	936	913	887	866	814	776	751	721	704	680	652	
	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	1,785	1,703	1,655	1,609	1,438	1,377	
	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	640	
	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	1,821	
	Kurashiki	2,014	1,966	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	1,096	
	Tamano	66	65	64	63	59	54	50	47	45	44	41	39	36	33	32	30	28	26	
	Bizen	97	92	88	80	75	71	70	66	62	60	55	52	51	49	46	43	36	33	
	Kitakyushu	1,372	1,311	1,255	1,212	1,156	1,114	1,067	1,060	1,037	1,012	987	959	937	912	895	864	846	821	
	Omura	1,629	1,572	1,453	1,381	1,311	1,249	1,192	1,149	1,106	1,063	1,012	963	919	866	825	776	736	700	
	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	34,973	
C l a s s I I	Niigata (Pref.)	162	156	145	139	129	122	114	109	101	97	92	85	82	74	75	73	67	61	
	Niigata (Pref.)	196	195	189	186	175	169	159	149	145	138	132	129	125	119	112	110	105	99	
	Kumamoto (Pref.)	678	645	616	595	570	549	521	502	468	448	426	410	382	357	334	318	305	292	
	Kagoshima (Pref.)	240	234	221	215	204	199	192	186	181	172	168	163	150	144	132	126	117	114	
	(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	566	
	Shimane (Pref.)	6	5	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3	3	
	Miyazaki (Pref.)	74	73	68	65	63	58	55	54	51	49	53	51	49	53	50	50	47	49	49
(Sub-total)	80	78	73	70	68	63	61	60	58	53	54	52	56	53	53	50	52	52		
Toyama (Pref.)	9	6	5	4	4	4	4	3	2	4	5	5	5	4	4	4	3	5	5	
Total of Class II Area	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	623		
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	35,596	

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 by Ministry of the Environment

**8.10 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, 2017)

		Applied	Withdrawn	Processed		Unprocessed
				Certified	Rejected	
Kumamoto	Old legislation	3,312	92	1,500	1,720	0
	New legislation	18,575	6,743	289	10,444	1,099
	Total	21,887	6,835	1,789	12,164	1,099
Kagoshima	Old legislation	230	3	114	113	0
	New legislation	9,331	4,267	379	3,717	968
	Total	9,561	4,270	493	3,830	968
Niigata	Old legislation	644	10	335	299	0
	New legislation	844	155	39	550	100
	Total	1,488	165	374	849	100
City of Niigata	Old legislation	588	38	309	241	0
	New legislation	521	126	22	317	56
	Total	1,109	164	331	558	56
Total	Old legislation	4,774	143	2,258	2,373	0
	New legislation	29,271	11,291	729	15,028	2,223
	Total	34,045	11,434	2,987	17,401	2,223
Act on Temporary Measures		497	80	33	375	9

Source: Materials by Ministry of the Environment

8.10 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	1,816	143	120	2,079	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.

Source: Materials by Ministry of the Environment

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

1. Acceptance of applications

(As of the end of FY2015)

	Mesothelioma	Pulmonary	Asbestosis	Diffuse pleural thickening	Others	Total
Patients in case	6,792	2,098	197	184	199	9,470
Bereaved families of the deceased before enforcement	3,656	647	57	16	72	4,448
Bereaved families of the unclaimed deceased	890	311	41	34	26	1,302
Total	11,338	3,056	295	234	297	15,220

2. Approval

(As of the end of FY2015)

	Mesothelioma	Pulmonary	Asbestosis	Diffuse pleural thickening	Total
Patients in case	5,374	1,148	22	68	6,612
Bereaved families of the deceased before enforcement	3,384	148	36	11	3,579
Bereaved families of the unclaimed deceased	611	172	2	9	794
Total	9,369	1,468	60	88	10,985

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

8.12 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
2015	68.4	57.9

Notes:

- Regarding "Local Governments", rates are sourced from the "Survey of Green Purchasing of Local Public Entities" by Ministry of the Environment.
- 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 Ministry of the Environment.
- 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:

"Survey of green purchasing of local public entities," "Survey Results of Environmentally Friendly Corporate Behaviors," by Ministry of the Environment

8.13 Enforcement of performed environmental impact assessment under Environmental Impact Assessment Law

(Unit: Case) (As of the end of FY2015)

	Road	River	Railroad	Airport	Power plant	Disposal site	Land fill/ Reclamation	Surface improvement	Total
Procedures started	84	8	18	10	238	6	17	21	395
	(21)	(0)	(4)	(0)	(85)	(1)	(3)	(9)	(122)
In the process	11	0	2	0	131	1	3	2	149
	(0)	(0)	(1)	(0)	(41)	(0)	(0)	(0)	(42)
Procedures completed	63	7	14	9	78	5	12	14	197
	(20)	(0)	(3)	(0)	(29) ¹⁾	(1)	(2) ¹⁾	(7)	(61)
Procedures halted	10	1	2	1	29	0	2	5	49
	(1)	(0)	(0)	(0)	(15)	(0)	(1)	(2)	(19)
Comments from the Minister of the Environment	68	7	16	9	166	0	5	15	283
	(21)	(0)	(3)	(0)	(44)	(0)	(0)	(8)	(76)
Impact Statement	4	0	1	0	67	0	1	1	74
	(0) ³⁾	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Scoping ¹⁾	-	-	-	-	-	-	-	-	-
Evaluation ²⁾	64	7	15	9	99	0	4	14	209
	(21)	(0)	(3)	(0)	(44) ²⁾	(0)	(0)	(8)	(76)
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 Ministry of the Environment

8.14 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 FY2015)

	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)
2015	1(0)	1(0)	-	-	1(0)	-	1(0)	-	13(9)	6(1)	-	-	-	-	-	-	16(9)	7(1)
Total	63(20)	10(1)	7(0)	1(0)	14(3)	2(0)	9(0)*	1(0)*	78(29)	29(15)	5(1)*	0(0)	12(2)*	2(1)*	14(7)	5(2)	197(61)*	49(19)*

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 by Ministry of the Environment

8.15 Status of formulating basic ordinances of Environmental Policy

By Basic Property

(Unit : %)

Status of formulating basic ordinances of Environmental Policy	Nationwide	Prefecture	Ordinance-designated city	Municipality
	(n=1023)	(n=41)	(n=17)	(n=965)
Dealt with/Completed	74.6	97.8	100.0	73.1
Work in progress	0.3	0.0	0.0	0.3
Under consideration	3.9	0.0	0.0	4.2
No plan at the moment	21.1	2.2	0.0	22.4
No response	0.0	0.0	0.0	0.0

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=163)	(n=611)	(n=168)	(n=44)	(n=78)
Completed	41.1	73.6	95.8	93.2	96.2
Work in progress	0.0	0.5	0.0	0.0	0.0
Under consideration	9.8	4.3	0.0	0.0	0.0
No plan at the moment	49.1	21.6	4.2	6.8	3.8
No response	0.0	0.0	0.0	0.0	0.0

Note: Since the response percentage of each item is rounded off to the second decimal place, the total of the response percentages may not be 100% in some cases.

Source: Materials of "Survey questionnaire for local governments in regard to the Basic Environmental Plan 2016" by Ministry of the Environment

8.16 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=1,064)	(n=45)	(n=18)	(n=1,001)
Completed	74.7	100.0	100.0	73.1
Work in progress	1.2	0.0	0.0	1.3
Under consideration	5.3	0.0	0.0	5.6
No plan at the moment	18.8	0.0	0.0	20.0
No response	0.0	0.0	0.0	0.0

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=163)	(n=611)	(n=168)	(n=44)	(n=78)
Completed	36.8	73.3	98.8	100.0	98.7
Work in progress	1.8	1.6	0.0	0.0	0.0
Under consideration	11.7	6.1	0.0	0.0	0.0
No plan at the moment	49.7	19.0	1.2	0.0	1.3
No response	0.0	0.0	0.0	0.0	0.0

Source: Materials of "Survey questionnaire for local governments in regard to the Basic Environmental Plan 2016," Ministry of the Environment

8.17 Status of environmental policies local governments are focusing on

(Unit : %)

Item	Total (n=3,628) Environmental Policies that are currently emphasized and carried out (multiple answers allowed)
a. Conservation of global environment	28.1
b. Initiatives regarding to conservation and sustainable use of biodiversity	14.7
c. Initiatives to ensure circulation of material and a creation of a sound material-cycle society	23.1
d. Initiatives regarding to conservation of aquatic, soil and ground environment	9.7
e. Initiatives regarding to conservation of the atmospheric environment	4.7
f. Initiatives to establish and promote comprehensive hazardous chemical control	0.2
g. Promoting green economy and society	1.8
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	11.7
k. Improvement of and providing environmental information and enrichment of publicity	1.1
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	1.7
No response	0.0

Source: Materials of "Survey questionnaire for local governments in regard to the Basic Environmental plan 2016,"
Ministry of the Environment

8.18 Business confidence in Environmental business in Japan

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

	Present	6 months from now	10 years from now
Average	22	23	42
Previous survey	(20)	(19)	(37)
Big enterprise	27	27	51
Medium-sized enterprise	23	24	44
Small- and medium-sized enterprise	19	17	31
Manufacturing	22	24	45
Non-manufacturing	22	21	39

Source: "Economic Survey of Environmental Industries in December 2016," Ministry of the Environment

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

Present		(Percentage in total %)
1	Energy-saving vehicles	27.2
2	Air pollution prevention equipment/facility	16.6
3	Waste water treatment equipment and facility	11.1
4	Solar generation system (manufacturing of related equipment)	9.2
5	Renewable energy Note)	7.4

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.

6 months from now		(Percentage in total %)
1	Energy-saving vehicles	28.9
2	Renewable energy ※)	13.6
3	Air pollution prevention equipment/facility	9.7
4	Solar generation system (manufacturing of related equipment)	5.1
5	Waste water treatment equipment and facility	4.9

10 years from now		(Percentage in total %)
1	Renewable energy	25.7
2	Energy-saving vehicles	16.3
3	Air pollution prevention equipment/facility	6.6
4	Other businesses for counter-measures against global warming	6.1
5	Battery	6.0

Source: "Economic Survey of Environmental Industries in December 2016" by Ministry of the Environment

8.20 Business outlook (Diffusion Index)

(DI: Good-Bad, % Point)

						Forecast		
	2015	2016				2017		~ 10 years from now
	Dec.	Mar.	Jun.	Sep.	Dec.	Mar.	Jun.	
Environmental Business	21		16		20		20	22
Forecast made 6 months ago	(23)		(22)		(18)			(22)
A Environmental pollution control	15		9		16		18	15
B Prevention of global warming	28		25		26		26	29
C Waste disposal/Effective Utilization of Resources	12		6		11		11	9
D Natural Conservation	1		-9		14		22	36
All business	15		11		15		14	7
Forecast made 6 months ago	(15)		(15)		(10)			(6)
Of which carries out environmental business	22		18		21		22	15
Of which carries out NO environmental business	13		10		13		13	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)	9	7	4	5	7	2		

Notes:

- 1,505 valid responses were returned from Environmental business entities and 4,712 responses from all business as of December 2016.
- Figure of March 2016 in "BOJ's Tankan Survey" is Index of Leading Economic Indicators.

Source: "Economic Survey of Environmental Industries in December 2016," Ministry of the Environment

8.21 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	1,505	20	1,498	20	1,465	22
Previous survey	1,498	16	1,494	18	1,472	22
A. Environmental pollution control	326	16	325	18	313	15
Previous survey	341	9	341	11	337	22
B. Prevention of global warming	826	26	825	26	806	29
Previous survey	787	25	783	24	770	27
C. Waste disposal/Effective utilization of resources	311	11	306	11	304	9
Previous survey	337	6	337	10	333	9
D. Conservation of natural environment	42	14	42	22	42	36
Previous survey	33	-9	33	-3	32	18
A-1 Air pollution prevention equipment/facility	39	13	39	13	38	23
A-2 Waste water treatment equipment/facility	71	15	71	17	67	14
A-3 Soil and water purifier/facility (including underground water clean-up)	18	44	17	47	16	44
A-4 Noise, vibration prevention equipment/facility	4	-	4	-	3	-
A-5 Environmental analysis, measurement, monitoring equipment	13	23	13	23	13	38
A-6 Other environmental pollution control products/equipment/facility	47	2	47	3	46	8
A-7 Waste water treatment service	34	26	34	26	33	6
A-8 Soil and water purification service (including underground water purification)	30	7	30	10	29	-7
A-9 Environmental analysis, measurement, monitoring, assessment	21	19	21	14	21	15
A-10 Research and development on environment/engineering	10	30	10	40	9	-
A-11 Environmental education, environmental finance and consulting	21	9	21	9	21	33
A-12 Other environmental pollution control service	18	28	18	39	17	12
B-1 Renewable energy	244	48	244	47	240	40
B-2 Photovoltaic (PV) power system (production of related machinery)	66	1	66	-3	65	-18
B-3 Photovoltaic (PV) power system (installation/maintenance)	97	12	97	0	94	-22
B-4 Smart grid	5	-	5	-	5	-
B-5 Energy-saving vehicle	61	23	60	28	57	44
B-6 Energy-saving home appliance	50	22	50	30	50	30
B-7 High-efficiency hot water heater	99	30	99	31	97	38
B-8 Consultancy in the field of energy-saving	43	19	43	16	41	30
B-9 Storage battery	35	-3	35	9	33	55
B-10 Energy saving housing construction	49	29	49	35	48	63
B-11 Other business related to global warming countermeasures	77	10	77	10	76	40
C-1 Waste disposal equipment/facility	31	13	30	14	30	-16
C-2 Household waste disposal	38	16	38	10	38	0
C-3 Industrial waste disposal	82	16	82	15	80	0
C-4 Renovation/repairing	30	34	30	37	30	37
C-5 Lease/rental	15	7	15	0	15	7
C-6 Secondhand goods	12	16	11	0	11	-9
C-7 Recycled material	85	-3	82	1	82	19
C-8 Other resource use	18	-5	18	11	18	27
D-1 Water resource use	5	-	5	-	5	-
D-2 Sustainable agricultural forestry industries and fisheries/tree planting	24	13	24	25	24	46
D-3 Other conservation of natural environment	13	23	13	23	13	16

Source: "Economic Survey of Environmental Industries in December 2016," Ministry of the Environment

8.22 Initiatives toward environmental management (Listed companies)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
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	74.0
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	539

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," Ministry of the Environment

8.23 Companies that disclose environmental information

(Unit : Case)

	FY1999	2000	2001	2002	2003	2004	2005	2006	2008	2010	2011	2012	2013	2014	2015
States in securities reports	105	134	136	171	166	277	375	359	168	120	266	—	144	—	155
States in some parts of annual reports	—	—	—	—	—	—	—	—	324	224	—	—	—	—	—
States in IR materials (Annual reports, etc.)	—	—	—	—	—	—	—	—	—	—	337	—	228	—	268
States in website	335	607	848	1,084	1,176	977	1,180	1,317	1,329	1,254	1,320	—	768	—	794
Disclose in brochure	360	365	293	275	248	228	216	293	258	210	864	—	477	—	338
Publish environmental reports	270	430	515	633	714	801	933	1,049	1,160	1,068	1,015	514	593	551	680
Hold a meeting for local residents	—	—	161	174	197	264	288	303	310	259	—	—	—	—	—
Hold a meeting for stakeholders	—	—	—	—	—	—	—	—	—	—	244	—	157	—	119
Valid response	886	1,036	1,351	1,564	1,571	1,399	1,585	1,671	1,701	1,672	1,620	—	900	—	978

Notes:

- 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," Ministry of the Environment

8.24 Status of compiling and disclosing of environmental reports

	FY2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Compile and disclose environmental reports	933	1,049	1,011	1,160	1,091	1,068	1,015	514	593	551	680
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	52
To be discussed	—	—	—	—	—	—	98	—	43	24	36
Not compiling	547	488	518	458	598	549	451	157	227	135	198
No response	6	9	5	12	8	1	2	0	1	1	12
Valid responses	1,585	1,644	1,631	1,701	1,760	1,672	1,620	691	900	734	978

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 Ministry of the Environment

8.25 Conditions of introduction of environmental accounting

(Unit : Case)

	FY2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Already introduced	491	573	661	712	790	819	761	805	771	730	652	304	395	301	504
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	1,098
Unaware of the term "Environmental accounting"	248	246	162	209	235	231	258	323	297	312	376	157	179	178	283
No response	16	25	38	19	27	25	18	26	12	9	7	0	16	89	18
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	1,903

Notes:

- Starting in FY 2004, survey methods were changed and ※questions were deleted.
- Starting in FY 2014, "Under discussion to be introduced" was deleted. Also, figures for "No plan to be introduced" are substituted by the ones for "Not yet introduced."

Source: "Survey on Environmentally Friendly Activities of Businesses," Ministry of the Environment

8.26 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 2016	
FY 1971	115,951	95,197	82.1	36,385	38.2	Air Pollution Control Manager First grade	71,356
1972	139,558	108,487	77.7	35,667	32.9	Air Pollution Control Manager Second grade	5,196
1973	119,700	90,138	75.3	29,946	33.2	Air Pollution Control Manager Third grade	8,287
1974	116,917	86,973	74.4	21,443	24.7	Air Pollution Control Manager Fourth grade	8,604
1975	96,223	71,741	74.6	15,710	21.9	Subtotal	93,443
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	116,961
1980	38,301	27,542	71.9	5,322	19.3	Water Pollution Control Manager Second grade	21,506
1981	33,853	24,205	71.5	5,460	22.6	Water Pollution Control Manager Third grade	11,146
1982	30,780	21,790	70.8	5,137	23.6	Water Pollution Control Manager Fourth grade	24,802
1983	26,764	18,834	70.4	3,328	17.7	Subtotal	174,415
1984	23,070	17,385	75.4	3,508	20.2		
1985	21,542	16,330	75.8	3,322	20.3	Noise and Vibration Abatement Manager	4,394
1986	20,441	15,848	77.5	3,010	19.0	* Noise Abatement Manager	46,403
1987	17,727	14,173	80.0	3,413	24.1	* Vibration Abatement Manager	13,696
1988	17,881	14,253	79.7	2,885	20.2	Specific Dust Pollution Control Manager	804
1989	18,853	15,233	80.8	4,071	26.7	General Dust Pollution Control Manager	5,799
1990	20,545	16,382	79.7	3,480	21.2	Dioxins Pollution Control Manager	13,108
1991	22,741	18,352	80.7	4,283	23.3	Chief Manager of Pollution Control	12,530
1992	24,141	19,803	82.0	3,868	19.5	Total	364,592
1993	25,342	20,866	82.3	4,589	22.0		
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		
2016	28,178	24,690	87.6	6,382	25.8		

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 the Environment

8.27 Number of Environmental NGOs and the like

●Number of organizations by prefecture

Prefecture	# of organizations	Ratio(%)
Hokkaido	327	7.47%
Aomori	49	1.12%
Iwate	69	1.58%
Miyagi	97	2.22%
Akita	54	1.23%
Yamagata	47	1.07%
Fukushima	95	2.17%
Ibaraki	68	1.55%
Tochigi	51	1.16%
Gunma	62	1.42%
Saitama	106	2.42%
Chiba	129	2.95%
Tokyo	504	11.51%
Kanagawa	178	4.07%
Niigata	84	1.92%
Toyama	62	1.42%
Ishikawa	53	1.21%
Fukui	41	0.94%
Yamanashi	45	1.03%
Nagano	112	2.56%
Gifu	82	1.87%
Shizuoka	137	3.13%
Aichi	185	4.23%
Mie	88	2.01%
Shiga	66	1.51%
Kyoto	111	2.54%
Osaka	203	4.64%
Hyogo	149	3.40%
Nara	49	1.12%
Wakayama	46	1.05%
Tottori	37	0.85%
Shimane	62	1.42%
Okayama	64	1.46%
Hiroshima	97	2.22%
Yamaguchi	48	1.10%
Tokushima	52	1.19%
Kagawa	49	1.12%
Ehime	59	1.35%
Kochi	58	1.32%
Fukuoka	126	2.88%
Saga	30	0.69%
Nagasaki	38	0.87%
Kumamoto	66	1.51%
Oita	44	1.01%
Miyazaki	47	1.07%
Kagoshima	59	1.35%
Okinawa	40	0.91%
No response	53	1.21%
Nationwide total	4,378	100.00

Notes:

- Survey was conducted among 22,613 organizations in FY2015, 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

●Corporate status

Kind of corporate status	# of organizations	Ratio(%)
Specified Nonprofit organization (NPO)	2,687	61.38%
Foundation	209	4.77%
Incorporated association	160	3.65%
Others	11	0.25%
None (non-statutory body)	730	16.67%
No response	581	13.27%
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	3.15%
5 or less	665	15.19%
6 ~ 10	370	8.45%
11 ~ 20	333	7.61%
21 ~ 50	199	4.55%
51 or more	81	1.85%
No response	2,592	59.21%
Total	4,378	100.00

8.28 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	220	619
2017	221	641

Note: Grants for FY 2017 refer to the determined amounts to be granted.

Source: Materials from Japan Fund Global Environment by Environmental Restoration and Conservation Agency (incorporated administrative agency)