

Table 4-1 Number of target chemicals in the Environmental Survey and Monitoring of Chemicals (FY 1974 – FY 2006)

Year (FY)		74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
Surveyed media	Surface water	33	42	76	90	56	39	57	81	38	45	79	58	97	48	49	50	48	48	42
	Sediment	27	26	76	88	54	39	55	81	37	45	79	74	97	61	69	78	79	80	71
	Wildlife	26	26	44	9	29	31	41	31	40	36	40	55	56	54	62	71	84	76	72
	Air	0	0	2	2	0	11	15	0	0	17	3	6	15	14	18	20	22	22	15
	Food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	6
	Others ¹⁾	11	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4
Total ²⁾		33	42	78	92	77	73	108	110	67	96	116	115	128	79	87	96	101	107	100
Number of new chemicals ³⁾		33	34	77	79	54	32	54	74	29	42	66	57	47	30	15	16	12	3	16
(of monitoring series)		0	0	0	0	8	0	0	0	0	0	14	1	14	0	3	4	1	1	
Cumulative number of target chemicals		33	67	144	223	277	309	363	437	466	508	574	631	678	708	723	739	751	754	770

Year (FY)		93	94	95	96	97	98	99	00	01	02	03	04	05	06	Total number of chemicals surveyed for each medium ⁴⁾	
Surveyed media	Surface water	41	46	56	61	37	48	30	41	47	63	70	70	156	122	980	(1,964)
	Sediment	73	77	82	91	64	56	58	68	66	62	65	63	86	134	951	(2,261)
	Wildlife	72	80	61	67	41	29	48	52	46	66	61	59	76	98	427	(1,739)
	Air	26	23	24	27	15	36	32	49	49	41	63	72	53	87	361	(779)
	Food	6	8	6	6	6	6	6	1	1	9	0	2	6	2	27	(80)
	Others ¹⁾	4	6	6	6	6	6	6	6	6	0	0	1	2	0	26	(92)
Total ²⁾		102	102	107	116	82	101	95	99	98	80	92	91	171	252	1,140 ⁵⁾	(3,293) ⁵⁾
Number of new chemicals ³⁾		19	8	15	6	7	16	7	37	16	20	20	13	50	136		
(of monitoring series)		0	1	0	0	0	8	0	20	0	0	4	0	0	15		
Cumulative number of target chemicals		789	797	812	818	825	841	848	885	901	921	941	954	1,004	1,140		

(Note 1) "Others" under medium are precipitation and indoor air.

(Note 2) The number of target chemicals in each fiscal year indicates the number of chemicals surveyed in the concerned year; the total does not agree with the simple sum of the figures in each medium column because some chemicals were surveyed in several media.

(Note 3) "Number of new chemicals" indicates the number of chemicals designated as target chemicals for the first time in the concerned fiscal year among the number of chemicals in the "total" column.

(Note 4) "Total number of target chemicals for each medium" indicates the number of chemicals surveyed for the concerned medium, and does not agree with the simple sum of the figures in each fiscal year because some chemicals were surveyed over several fiscal years. The simple sum is given in parentheses.

(Note 5) The total "1,140" is the total number of chemicals surveyed from FY 1974 to FY 2006, and does not agree with the simple sum of the figures in each column because some chemicals were surveyed in several media over several fiscal years. The simple sum is given in parentheses.

Table 4-2 Stocktaking of the detection in the Environmental Survey and Monitoring of Chemicals (FY 1974 – FY 2006)

	Surface water	Sediment	Wildlife	Air	Food	Others	Total number of chemicals surveyed
Number of chemicals surveyed	980	951	427	361	27	26	1,140
Number of chemicals detected	291	391	246	247	21	13	600
Percentage of detected chemicals (%)	30	41	58	68	78	50	53

(Note 1) Since FY 1985, the detection limit for surface water, sediment, and fish has been uniformly treated.

(Note 2) The total number of chemicals surveyed "1,140" is the total number of chemicals surveyed in one or more media from FY 1974 to FY 2006, and the total number of chemicals detected ("600") is the number of chemicals detected in one or more media as a result of the survey.

(Note 3) "Others" means precipitation and indoor air.

Reference 1 Number of target chemicals in the Environmental Survey of Chemicals (FY 1974 – FY 2006)

Data of monitoring series are excluded from Environmental Survey and Monitoring of Chemicals.

Year (FY)		74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
Surveyed media	Surface water	33	42	76	90	56	39	57	81	38	45	79	58	63	30	25	19	22	24	17
	Sediment	27	26	76	88	54	39	55	81	37	45	79	60	63	26	25	19	22	24	15
	Wildlife	26	26	44	9	8	8	5	2	11	2	6	6	10	12	11	13	21	16	11
	Air	0	0	2	2	0	11	15	0	0	17	3	6	15	14	14	14	16	16	8
	Food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Others ¹⁾	11	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total ²⁾		33	42	78	92	56	50	72	81	38	62	82	66	78	31	26	19	24	29	22
Number of new chemicals ³⁾		33	34	77	79	46	32	54	74	29	42	66	43	46	16	15	13	8	2	15
Cumulative number of target chemicals		33	67	144	223	269	301	355	429	458	500	566	609	655	671	686	699	707	709	724

Year (FY)		93	94	95	96	97	98	99	00	01	02	03	04	05	06	Total number of chemicals surveyed for each medium ⁴⁾	
Surveyed media	Surface water	18	22	30	37	14	24	24	14	20	35	20	18	99	72	930	(1,341)
	Sediment	18	21	24	35	13	24	24	13	19	32	10	11	28	84	874	(1,217)
	Wildlife	17	20	8	7	2	3	16	11	5	36	6	7	18	19	328	(422)
	Air	20	17	18	21	11	32	26	19	19	15	13	21	2	37	317	(424)
	Food	0	0	0	0	0	0	0	0	0	9	0	2	6	2	19	(19)
	Others ¹⁾	0	0	0	0	0	0	0	0	0	0	0	1	2	0	24	(29)
Total ²⁾		29	26	34	40	21	56	42	32	39	50	37	39	113	172	(注5) 1,047	(1,711)
Number of new chemicals ³⁾		19	7	15	6	8	8	7	17	16	20	16	13	50	121		
Cumulative number of target chemicals		743	750	765	771	779	787	794	811	827	847	863	876	926	1,047		

(Note 1) "Others" under medium are precipitation and indoor air.

(Note 2) The number of target chemicals in each fiscal year indicates the number of chemicals surveyed in the concerned year; the total does not agree with the simple sum of the figures in each medium column because some chemicals were surveyed in several media.

(Note 3) "Number of new chemicals" indicates the number of chemicals designated as target chemicals for the first time in the concerned fiscal year among the number of chemicals in the "total" column.

(Note 4) "Total number of target chemicals for each medium" indicates the number of chemicals surveyed for the concerned medium, and does not agree with the simple sum of the figures in each fiscal year because some chemicals were surveyed over several fiscal years. The simple sum is given in parentheses.

(Note 5) The total "1,047" is the total number of chemicals surveyed from FY 1974 to FY 2006, and does not agree with the simple sum of the figures in each column because some chemicals were surveyed in several media over several fiscal years. The simple sum is given in parentheses.

Reference 2 Stocktaking of the detection in the Environmental Survey of Chemicals (FY 1974 – FY 2006)

	Surface water	Sediment	Wildlife	Air	Food	Others	Total number of chemicals surveyed
Number of chemicals surveyed	930	874	328	317	19	24	1,047
Number of chemicals detected	235	318	147	200	15	11	508
Percentage of detected chemicals (%)	25%	36%	45%	63%	79%	46%	49%

(Note 1) Since FY 1985, the detection limit for surface water, sediment, and fish has been uniformly treated.

(Note 2) The total number of chemicals surveyed "1,047" is the total number of chemicals surveyed in one or more media from FY 1974 to FY 2006, and the total number of chemicals detected ("508") is the number of chemicals detected in one or more media as a result of the survey.

(Note 3) "Others" means precipitation and indoor air.