

Table 4-1 Number of target chemicals in the Environmental Survey and Monitoring of Chemicals (FY 1974 – FY2023)

Year (FY)	Surveyed media						Total ²⁾	Number of new chemicals ³⁾ of monitoring series		Cumulative number of target chemicals
	Surface water	Sediment	Wildlife	Air	Food	Others ¹⁾				
1974	33	27	26	0	0	11	33	33	0	33
1975	42	26	26	0	0	15	42	34	0	67
1976	76	76	44	2	0	0	78	77	0	144
1977	90	88	9	2	0	0	92	79	0	223
1978	56	54	29	0	0	0	77	54	8	277
1979	39	39	31	11	0	0	73	32	0	309
1980	57	55	41	15	0	0	108	54	0	363
1981	81	81	31	0	0	0	110	74	0	437
1982	38	37	40	0	0	0	67	29	0	466
1983	45	45	36	17	0	0	96	42	0	508
1984	79	79	40	3	0	0	116	66	0	574
1985	58	74	55	6	0	0	115	57	14	631
1986	97	97	56	15	0	0	128	47	1	678
1987	48	61	54	14	0	0	79	30	14	708
1988	49	69	62	18	0	0	87	15	0	723
1989	50	78	71	20	0	0	96	16	3	739
1990	48	79	84	22	3	3	101	12	4	751
1991	48	80	76	22	6	4	107	3	1	754
1992	42	71	72	15	6	4	100	16	1	770
1993	41	73	72	26	6	4	102	19	0	789
1994	46	77	80	23	8	6	102	8	1	797
1995	56	82	61	24	6	6	107	15	0	812
1996	61	91	67	27	6	6	116	6	0	818
1997	37	68	44	15	6	6	85	7	0	825
1998	48	56	29	36	6	6	101	16	8	841
1999	30	58	48	32	6	6	95	7	0	848
2000	41	68	52	49	1	6	99	37	20	885
2001	47	66	46	49	1	6	98	16	0	901
2002	63	62	66	41	9	0	80	20	0	921
2003	70	66	62	63	0	0	93	20	4	941
2004	70	63	59	72	2	1	91	13	0	954
2005	156	86	76	53	6	2	171	50	0	1,004
2006	122	134	98	87	2	0	252	136	15	1,140
2007	110	81	67	70	0	0	128	27	0	1,167
2008	110	96	89	98	0	0	141	16	0	1,183
2009	86	79	67	84	0	0	110	25	8	1,208
2010	80	70	69	69	0	0	101	14	2	1,222
2011	83	75	66	69	0	0	93	9	5	1,231
2012	80	59	63	70	0	0	96	5	0	1,236
2013	59	38	46	50	0	0	74	14	0	1,250
2014	153	58	57	75	0	0	178	74	0	1,324
2015	69	53	68	71	0	0	103	9	0	1,333
2016	81	61	80	82	0	0	120	21	8	1,354
2017	185	68	62	69	0	0	208	55	1	1,409
2018	110	98	66	69	0	0	135	43	1	1,452
2019	95	63	67	70	0	0	105	24	0	1,476
2020	77	51	46	45	0	0	84	21	4	1,497
2021	70	52	53	53	0	0	72	14	0	1,511
2022	84	61	55	54	0	0	86	16	0	1,527
2023	58	37	33	53	0	0	77	24	3	1,551
Total number of chemicals surveyed for each medium ⁴⁾	1,419 (3,554)	1,083 (3,366)	487 (2,797)	513 (1,880)	27 (80)	26 (92)	1,551 (5,208)			
Number of chemicals detected ⁵⁾	657	527	302	361	21	13	968			
Percentage of detected chemicals ⁶⁾	46%	49%	62%	70%	78%	50%	62%			

(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 number of chemicals detected (“968”) is the number of chemicals detected in one or more media as results of the survey.

(Note 6) “Percentage of detected chemicals” is percentage of number of chemicals detected to total number of chemicals surveyed.