[1] Total Polychlorinated biphenyls (Total PCBs)/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 46/47 (Missing value : 0)
Detection Frequency (sample) : 46/47 (Missing value : 0)
Detection limit : *6
Quantification limit : *17

	Aggregated value
Geometric mean	90
Median	72
Maximum	10,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	30
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(12)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	33
Akita Pref.	4	Lake Hachiro	48
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	21
Fukushima Pref.	6	Onahama Port	83
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	72
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	96
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	81
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	65
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	870
	12	Mouth of Riv. Sumida (Minato Ward)	2,000
Yokohama City	13	Yokohama Port	340
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	770
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	44
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	61
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	450
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	10,000
Nagano Pref.	19	Lake Suwa (center)	80
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(14)
Aichi Pref.	21	Nagoya Port	370
Mie Pref.	22	Yokkaichi Port	210
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	68
Kyoto Pref.	24	Miyazu Port	22
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	670
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	460
Osaka City	27	Osaka Port	1,600
Hyogo Pref.	28	Offshore of Himeji	73
Kobe City	29	Kobe Port (center)	490
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	110
Okayama Pref.	31	Offshore of Mizushima	47
Hiroshima Pref.	32	Kure Port	150
	33	Hiroshima Bay	61
Yamaguchi Pref.	34	Tokuyama Bay	81
	35	Offshore of Ube	21
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	36
Kagawa Pref.	38	Takamatsu Port	510
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(7)
Kitakyushu City	40	Dokai Bay	650
Saga Pref.	41	Imari Bay	39
Nagasaki Pref.	42	Omura Bay	tr(12)
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	41
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	tr(11)
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	tr(8)
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	18
Okinawa Pref.	47	Naha Port	280

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected
(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

[1-1] Monochlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 21/47 (Missing value : 0)
Detection Frequency (sample) : 21/47 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.3

	Aggregated value
Geometric mean	tr(0.7)
Median	nd
Maximum	21
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	2.1
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(0.5)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	tr(0.9)
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	tr(0.6)
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	3.8
	12	Mouth of Riv. Sumida (Minato Ward)	5.4
Yokohama City	13	Yokohama Port	tr(1.0)
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	2.2
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	21
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	tr(0.6)
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	8.6
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	3.3
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	6.9
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	3.5
Osaka City	27	Osaka Port	2.1
Hyogo Pref.	28	Offshore of Himeji	1.9
Kobe City	29	Kobe Port (center)	1.5
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	13
	35	Offshore of Ube	1.6
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	1.8
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	tr(0.7)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-2] Dichlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 47/47 (Missing value : 0)
Detection Frequency (sample) : 47/47 (Missing value : 0)
Detection limit : 1.0
Quantification limit : 3.0

	Aggregated value
Geometric mean	10
Median	7.5
Maximum	1,600
Minimum	tr(1.8)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	5.7
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(2.3)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	10
Akita Pref.	4	Lake Hachiro	tr(2.6)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	tr(2.1)
Fukushima Pref.	6	Onahama Port	12
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	6.8
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	12
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	7.5
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	11
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	56
	12	Mouth of Riv. Sumida (Minato Ward)	51
Yokohama City	13	Yokohama Port	15
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	20
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	tr(2.9)
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	3.0
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	52
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	1,600
Nagano Pref.	19	Lake Suwa (center)	6.7
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	3.5
Aichi Pref.	21	Nagoya Port	49
Mie Pref.	22	Yokkaichi Port	42
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	3.8
Kyoto Pref.	24	Miyazu Port	3.7
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	82
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	45
Osaka City	27	Osaka Port	130
Hyogo Pref.	28	Offshore of Himeji	10
Kobe City	29	Kobe Port (center)	35
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	23
Okayama Pref.	31	Offshore of Mizushima	6.2
Hiroshima Pref.	32	Kure Port	3.6
	33	Hiroshima Bay	4.1
Yamaguchi Pref.	34	Tokuyama Bay	31
	35	Offshore of Ube	tr(2.2)
	36	Offshore of Hagi	tr(2.5)
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	tr(1.8)
Kagawa Pref.	38	Takamatsu Port	17
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(1.9)
Kitakyushu City	40	Dokai Bay	17
Saga Pref.	41	Imari Bay	3.5
Nagasaki Pref.	42	Omura Bay	3.8
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	10
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	3.5
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	3.2
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	3.9
Okinawa Pref.	47	Naha Port	16

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-3] Trichlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 47/47 (Missing value : 0)
Detection Frequency (sample) : 47/47 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	18
Median	13
Maximum	2,700
Minimum	tr(0.6)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	5.3
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(1.2)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	11
Akita Pref.	4	Lake Hachiro	2.0
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	1.6
Fukushima Pref.	6	Onahama Port	17
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	11
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	26
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	27
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	15
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	300
	12	Mouth of Riv. Sumida (Minato Ward)	670
Yokohama City	13	Yokohama Port	91
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	150
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	6.5
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	9.1
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	100
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2,700
Nagano Pref.	19	Lake Suwa (center)	13
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	3.2
Aichi Pref.	21	Nagoya Port	130
Mie Pref.	22	Yokkaichi Port	56
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	8.7
Kyoto Pref.	24	Miyazu Port	2.9
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	140
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	140
Osaka City	27	Osaka Port	510
Hyogo Pref.	28	Offshore of Himeji	17
Kobe City	29	Kobe Port (center)	110
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	20
Okayama Pref.	31	Offshore of Mizushima	10
Hiroshima Pref.	32	Kure Port	16
	33	Hiroshima Bay	10
Yamaguchi Pref.	34	Tokuyama Bay	14
	35	Offshore of Ube	4.6
	36	Offshore of Hagi	tr(0.6)
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	8.4
Kagawa Pref.	38	Takamatsu Port	180
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(1.3)
Kitakyushu City	40	Dokai Bay	100
Saga Pref.	41	Imari Bay	7.7
Nagasaki Pref.	42	Omura Bay	3.1
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	6.9
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	2.2
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	tr(0.6)
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	4.3
Okinawa Pref.	47	Naha Port	47

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-4] Tetrachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 46/47 (Missing value : 0)
Detection Frequency (sample) : 46/47 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.3

	Aggregated value
Geometric mean	26
Median	18
Maximum	5,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	8.7
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	2.8
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	8.0
Akita Pref.	4	Lake Hachiro	10
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	7.0
Fukushima Pref.	6	Onahama Port	18
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	25
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	34
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	26
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	19
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	330
	12	Mouth of Riv. Sumida (Minato Ward)	910
Yokohama City	13	Yokohama Port	130
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	300
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	13
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	12
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	200
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	5,000
Nagano Pref.	19	Lake Suwa (center)	32
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	5.2
Aichi Pref.	21	Nagoya Port	120
Mie Pref.	22	Yokkaichi Port	61
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	17
Kyoto Pref.	24	Miyazu Port	9.4
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	180
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	140
Osaka City	27	Osaka Port	560
Hyogo Pref.	28	Offshore of Himeji	20
Kobe City	29	Kobe Port (center)	140
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	26
Okayama Pref.	31	Offshore of Mizushima	13
Hiroshima Pref.	32	Kure Port	38
	33	Hiroshima Bay	18
Yamaguchi Pref.	34	Tokuyama Bay	9.9
	35	Offshore of Ube	6.1
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	14
Kagawa Pref.	38	Takamatsu Port	210
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(1.2)
Kitakyushu City	40	Dokai Bay	320
Saga Pref.	41	Imari Bay	14
Nagasaki Pref.	42	Omura Bay	3.9
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	11
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	1.9
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	1.6
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	5.9
Okinawa Pref.	47	Naha Port	74

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-4-1] 3,3',4,4'-Tetrachlorobiphenyl (#77) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 19/47 (Missing value : 0)
Detection Frequency (sample) : 19/47 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.3

	Aggregated value
Geometric mean	tr(0.5)
Median	nd
Maximum	7.9
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(0.7)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	3.2
	12	Mouth of Riv. Sumida (Minato Ward)	7.9
Yokohama City	13	Yokohama Port	tr(0.9)
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3.4
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	1.7
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2.5
Nagano Pref.	19	Lake Suwa (center)	tr(0.8)
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	tr(0.7)
Mie Pref.	22	Yokkaichi Port	tr(0.7)
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	tr(0.6)
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.9
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(1.0)
Osaka City	27	Osaka Port	5.9
Hyogo Pref.	28	Offshore of Himeji	tr(0.5)
Kobe City	29	Kobe Port (center)	tr(0.9)
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	tr(0.6)
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	2.3
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	2.4
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Data treated as detected means detection limit value and more.

(Note 3) tr : Detection limit value and more, less than Quantification limit value.

(Note 4) nd : Not detected

[1-4-2] 3,4,4',5-Tetrachlorobiphenyl (#81) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 2/47 (Missing value : 0)
Detection Frequency (sample) : 2/47 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.3

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(1.1)
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	tr(0.6)
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(1.1)
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5] Pentachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 46/47 (Missing value : 0)
Detection Frequency (sample) : 46/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	16
Median	15
Maximum	910
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	8.0
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	4.2
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	2.4
Akita Pref.	4	Lake Hachiro	21
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	7.1
Fukushima Pref.	6	Onahama Port	21
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	18
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	16
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	13
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	13
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	120
	12	Mouth of Riv. Sumida (Minato Ward)	290
Yokohama City	13	Yokohama Port	58
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	180
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	15
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	9.9
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	78
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	910
Nagano Pref.	19	Lake Suwa (center)	20
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	2.3
Aichi Pref.	21	Nagoya Port	52
Mie Pref.	22	Yokkaichi Port	35
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	22
Kyoto Pref.	24	Miyazu Port	4.3
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	150
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	76
Osaka City	27	Osaka Port	230
Hyogo Pref.	28	Offshore of Himeji	14
Kobe City	29	Kobe Port (center)	87
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	22
Okayama Pref.	31	Offshore of Mizushima	7.1
Hiroshima Pref.	32	Kure Port	38
	33	Hiroshima Bay	15
Yamaguchi Pref.	34	Tokuyama Bay	5.4
	35	Offshore of Ube	3.1
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	7.8
Kagawa Pref.	38	Takamatsu Port	66
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	1.5
Kitakyushu City	40	Dokai Bay	140
Saga Pref.	41	Imari Bay	7.3
Nagasaki Pref.	42	Omura Bay	tr(0.6)
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	9.4
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	2.1
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	1.5
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	2.5
Okinawa Pref.	47	Naha Port	47

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-1] 2,3,3',4,4'-Pentachlorobiphenyl (#105) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 36/47 (Missing value : 0)
Detection Frequency (sample) : 36/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	tr(1.3)
Median	tr(1.2)
Maximum	11
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(0.8)
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	1.5
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	tr(0.7)
Fukushima Pref.	6	Onahama Port	2.0
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	tr(1.4)
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(1.4)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	tr(1.0)
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	tr(1.2)
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	5.1
	12	Mouth of Riv. Sumida (Minato Ward)	11
Yokohama City	13	Yokohama Port	2.9
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	11
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	tr(1.2)
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(1.2)
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	3.7
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	8.6
Nagano Pref.	19	Lake Suwa (center)	1.6
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	2.3
Mie Pref.	22	Yokkaichi Port	1.9
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	1.9
Kyoto Pref.	24	Miyazu Port	tr(0.6)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	6.7
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	3.9
Osaka City	27	Osaka Port	9.5
Hyogo Pref.	28	Offshore of Himeji	tr(1.2)
Kobe City	29	Kobe Port (center)	2.8
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	tr(1.4)
Okayama Pref.	31	Offshore of Mizushima	tr(0.6)
Hiroshima Pref.	32	Kure Port	tr(1.1)
	33	Hiroshima Bay	tr(0.7)
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	tr(0.7)
Kagawa Pref.	38	Takamatsu Port	4.4
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	7.7
Saga Pref.	41	Imari Bay	tr(0.7)
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	tr(0.7)
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	1.5

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-2] 2,3,4,4',5-Pentachlorobiphenyl (#114) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 3/47 (Missing value : 0)
Detection Frequency (sample) : 3/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.9)
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	tr(0.9)
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(0.8)
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.6)
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-3] 2,3',4,4',5-Pentachlorobiphenyl (#118) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 45/47 (Missing value : 0)
Detection Frequency (sample) : 45/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	3.1
Median	2.6
Maximum	36
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.7
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(1.4)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	tr(1.0)
Akita Pref.	4	Lake Hachiro	4.1
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	1.7
Fukushima Pref.	6	Onahama Port	4.1
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	3.3
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	3.4
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	2.3
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	2.5
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	17
	12	Mouth of Riv. Sumida (Minato Ward)	36
Yokohama City	13	Yokohama Port	7.9
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	28
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	2.5
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	2.3
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	8.7
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	14
Nagano Pref.	19	Lake Suwa (center)	3.0
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(1.0)
Aichi Pref.	21	Nagoya Port	6.7
Mie Pref.	22	Yokkaichi Port	5.7
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	4.1
Kyoto Pref.	24	Miyazu Port	tr(1.0)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	19
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	11
Osaka City	27	Osaka Port	24
Hyogo Pref.	28	Offshore of Himeji	2.6
Kobe City	29	Kobe Port (center)	10
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.5
Okayama Pref.	31	Offshore of Mizushima	1.6
Hiroshima Pref.	32	Kure Port	3.9
	33	Hiroshima Bay	2.1
Yamaguchi Pref.	34	Tokuyama Bay	tr(1.2)
	35	Offshore of Ube	tr(1.0)
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	1.6
Kagawa Pref.	38	Takamatsu Port	11
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(0.8)
Kitakyushu City	40	Dokai Bay	17
Saga Pref.	41	Imari Bay	1.5
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	1.7
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	tr(0.6)
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	tr(0.7)
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	tr(1.0)
Okinawa Pref.	47	Naha Port	3.9

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-4] 2',3,4,4',5-Pentachlorobiphenyl (#123) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 4/47 (Missing value : 0)
Detection Frequency (sample) : 4/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.7)
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	tr(0.7)
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(0.6)
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.6)
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	tr(0.7)
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-5] 3,3',4,4',5-Pentachlorobiphenyl (#126) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 0/47 (Missing value : 0)
Detection Frequency (sample) : 0/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-6] Hexachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 45/47 (Missing value : 0)
Detection Frequency (sample) : 45/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.6

	Aggregated value
Geometric mean	8.2
Median	7.9
Maximum	99
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.8
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	1.6
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	tr(0.7)
Akita Pref.	4	Lake Hachiro	12
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	3.0
Fukushima Pref.	6	Onahama Port	12
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	10
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	6.8
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	6.6
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	6.0
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	50
	12	Mouth of Riv. Sumida (Minato Ward)	87
Yokohama City	13	Yokohama Port	31
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	86
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	6.9
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	6.0
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	22
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	44
Nagano Pref.	19	Lake Suwa (center)	7.9
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	17
Mie Pref.	22	Yokkaichi Port	15
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	16
Kyoto Pref.	24	Miyazu Port	tr(1.4)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	91
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	42
Osaka City	27	Osaka Port	99
Hyogo Pref.	28	Offshore of Himeji	8.3
Kobe City	29	Kobe Port (center)	78
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	12
Okayama Pref.	31	Offshore of Mizushima	7.6
Hiroshima Pref.	32	Kure Port	39
	33	Hiroshima Bay	11
Yamaguchi Pref.	34	Tokuyama Bay	5.5
	35	Offshore of Ube	2.5
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	3.6
Kagawa Pref.	38	Takamatsu Port	32
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(0.8)
Kitakyushu City	40	Dokai Bay	47
Saga Pref.	41	Imari Bay	4.5
Nagasaki Pref.	42	Omura Bay	tr(0.9)
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	3.8
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	tr(1.2)
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	tr(1.3)
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	1.8
Okinawa Pref.	47	Naha Port	61

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-1] 2,3,3',4,4',5-Hexachlorobiphenyl (#156) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 19/47 (Missing value : 0)
Detection Frequency (sample) : 19/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.6

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	2.5
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(0.7)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	tr(0.8)
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	tr(1.4)
	12	Mouth of Riv. Sumida (Minato Ward)	2.1
Yokohama City	13	Yokohama Port	tr(0.7)
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	2.5
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(0.6)
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	tr(0.9)
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.9)
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	tr(0.7)
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	tr(0.8)
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	2.4
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(1.2)
Osaka City	27	Osaka Port	2.0
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	tr(1.0)
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	tr(0.6)
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	tr(1.2)
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	tr(0.8)
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	tr(0.7)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-2] 2,3,3',4,4',5'-Hexachlorobiphenyl (#157) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 2/47 (Missing value : 0)
Detection Frequency (sample) : 2/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.6

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.8)
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	tr(0.8)
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	tr(0.7)
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-3] 2,3',4,4',5,5'-Hexachlorobiphenyl (#167) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 4/47 (Missing value : 0)
Detection Frequency (sample) : 4/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.6

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(1.2)
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	tr(0.9)
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(1.1)
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	tr(1.2)
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	tr(1.0)
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-4] 3,3',4,4',5,5'-Hexachlorobiphenyl (#169) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 0/47 (Missing value : 0)
Detection Frequency (sample) : 0/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.6

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-7] Heptachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 28/47 (Missing value : 0)
Detection Frequency (sample) : 28/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	tr(1.5)
Median	tr(0.9)
Maximum	37
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(0.8)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	tr(1.1)
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	tr(0.9)
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(1.0)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	8.7
	12	Mouth of Riv. Sumida (Minato Ward)	16
Yokohama City	13	Yokohama Port	10
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	24
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	tr(0.8)
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2.2
Nagano Pref.	19	Lake Suwa (center)	tr(0.7)
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	2.1
Mie Pref.	22	Yokkaichi Port	2.2
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	16
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	12
Osaka City	27	Osaka Port	23
Hyogo Pref.	28	Offshore of Himeji	2.2
Kobe City	29	Kobe Port (center)	37
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.4
Okayama Pref.	31	Offshore of Mizushima	2.8
Hiroshima Pref.	32	Kure Port	18
	33	Hiroshima Bay	2.7
Yamaguchi Pref.	34	Tokuyama Bay	2.2
	35	Offshore of Ube	tr(0.9)
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	8.3
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	16
Saga Pref.	41	Imari Bay	tr(1.8)
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	34

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-1] 2,2',3,3',4,4',5-Heptachlorobiphenyl (#170) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 12/47 (Missing value : 0)
Detection Frequency (sample) : 12/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	3.5
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	tr(1.5)
	12	Mouth of Riv. Sumida (Minato Ward)	2.4
Yokohama City	13	Yokohama Port	tr(1.4)
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3.2
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	2.7
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(1.5)
Osaka City	27	Osaka Port	3.2
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	3.5
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	1.9
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	tr(1.3)
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	tr(1.8)
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	3.5

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-2] 2,2',3,4,4',5,5'-Heptachlorobiphenyl (#180) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 27/47 (Missing value : 0)
Detection Frequency (sample) : 27/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	tr(1.0)
Median	tr(0.9)
Maximum	11
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(0.8)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	tr(1.1)
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	tr(0.9)
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(1.0)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	2.8
	12	Mouth of Riv. Sumida (Minato Ward)	4.7
Yokohama City	13	Yokohama Port	3.1
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	7.0
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(1.5)
Nagano Pref.	19	Lake Suwa (center)	tr(0.7)
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	tr(1.2)
Mie Pref.	22	Yokkaichi Port	tr(1.2)
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	5.3
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	3.8
Osaka City	27	Osaka Port	6.8
Hyogo Pref.	28	Offshore of Himeji	tr(1.1)
Kobe City	29	Kobe Port (center)	9.7
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	tr(1.4)
Okayama Pref.	31	Offshore of Mizushima	tr(1.1)
Hiroshima Pref.	32	Kure Port	5.6
	33	Hiroshima Bay	tr(1.2)
Yamaguchi Pref.	34	Tokuyama Bay	tr(1.2)
	35	Offshore of Ube	tr(0.9)
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	3.0
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	4.8
Saga Pref.	41	Imari Bay	tr(0.9)
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	11

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-3] 2,3,3',4,4',5,5'-Heptachlorobiphenyl (#189) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 0/47 (Missing value : 0)
Detection Frequency (sample) : 0/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-8] Octachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 9/47 (Missing value : 0)
Detection Frequency (sample) : 9/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	5.3
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	2.4
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3.2
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	tr(0.8)
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(0.7)
Osaka City	27	Osaka Port	3.9
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	4.1
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	2.3
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	2.6
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	5.3

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-9] Nonachlorobiphenyls/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 0/47 (Missing value : 0)
Detection Frequency (sample) : 0/47 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-10] Decachlorobiphenyl/surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 4/47 (Missing value : 0)
Detection Frequency (sample) : 4/47 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.8

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	2.5
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	tr(1.0)
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	tr(1.1)
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(0.7)
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	2.5
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[2] HCB (Hexachlorobenzene) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 47/47 (Missing value : 0)
Detection Frequency (sample) : 47/47 (Missing value : 0)
Detection limit : 1
Quantification limit : 3

	Aggregated value
Geometric mean	7
Median	6
Maximum	52
Minimum	3

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	15
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	10
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	6
Akita Pref.	4	Lake Hachiro	5
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	6
Fukushima Pref.	6	Onahama Port	26
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	10
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	7
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	35
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	23
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	10
	12	Mouth of Riv. Sumida (Minato Ward)	8
Yokohama City	13	Yokohama Port	5
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	12
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	14
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	8
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	9
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	6
Nagano Pref.	19	Lake Suwa (center)	11
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	5
Aichi Pref.	21	Nagoya Port	4
Mie Pref.	22	Yokkaichi Port	6
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	4
Kyoto Pref.	24	Miyazu Port	3
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	9
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	4
Osaka City	27	Osaka Port	7
Hyogo Pref.	28	Offshore of Himeji	4
Kobe City	29	Kobe Port (center)	4
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5
Okayama Pref.	31	Offshore of Mizushima	4
Hiroshima Pref.	32	Kure Port	3
	33	Hiroshima Bay	3
Yamaguchi Pref.	34	Tokuyama Bay	13
	35	Offshore of Ube	5
	36	Offshore of Hagi	3
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	4
Kagawa Pref.	38	Takamatsu Port	4
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	4
Kitakyushu City	40	Dokai Bay	52
Saga Pref.	41	Imari Bay	4
Nagasaki Pref.	42	Omura Bay	4
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	9
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	5
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	5
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	6
Okinawa Pref.	47	Naha Port	4

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[15] Perfluorooctane sulfonic acid (PFOS) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 45/47 (Missing value : 0)
Detection Frequency (sample) : 45/47 (Missing value : 0)
Detection limit : 30
Quantification limit : 70

	Aggregated value
Geometric mean	230
Median	200
Maximum	3,100
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	100
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(40)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	tr(50)
Akita Pref.	4	Lake Hachiro	200
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	270
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	590
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	970
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	640
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	930
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	1,300
	12	Mouth of Riv. Sumida (Minato Ward)	2,000
Yokohama City	13	Yokohama Port	670
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3,100
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	170
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(60)
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	2,200
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	140
Nagano Pref.	19	Lake Suwa (center)	190
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	110
Aichi Pref.	21	Nagoya Port	650
Mie Pref.	22	Yokkaichi Port	510
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	440
Kyoto Pref.	24	Miyazu Port	tr(40)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1,900
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	890
Osaka City	27	Osaka Port	1,800
Hyogo Pref.	28	Offshore of Himeji	230
Kobe City	29	Kobe Port (center)	380
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	150
Okayama Pref.	31	Offshore of Mizushima	130
Hiroshima Pref.	32	Kure Port	400
	33	Hiroshima Bay	370
Yamaguchi Pref.	34	Tokuyama Bay	70
	35	Offshore of Ube	80
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	100
Kagawa Pref.	38	Takamatsu Port	150
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	tr(40)
Kitakyushu City	40	Dokai Bay	160
Saga Pref.	41	Imari Bay	tr(60)
Nagasaki Pref.	42	Omura Bay	90
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	540
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	100
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	100
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	340
Okinawa Pref.	47	Naha Port	260

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[16] Perfluorooctanoic acid (PFOA) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 47/47 (Missing value : 0)
Detection Frequency (sample) : 47/47 (Missing value : 0)
Detection limit : 30
Quantification limit : 70

	Aggregated value
Geometric mean	980
Median	860
Maximum	34,000
Minimum	210

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	550
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	240
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	230
Akita Pref.	4	Lake Hachiro	1,600
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	560
Fukushima Pref.	6	Onahama Port	270
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	4,800
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	1,400
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	2,900
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	2,100
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	2,100
	12	Mouth of Riv. Sumida (Minato Ward)	1,900
Yokohama City	13	Yokohama Port	920
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1,700
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	780
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	300
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	34,000
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	860
Nagano Pref.	19	Lake Suwa (center)	500
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	380
Aichi Pref.	21	Nagoya Port	1,100
Mie Pref.	22	Yokkaichi Port	2,600
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	3,100
Kyoto Pref.	24	Miyazu Port	1,300
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	6,200
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	5,200
Osaka City	27	Osaka Port	7,900
Hyogo Pref.	28	Offshore of Himeji	620
Kobe City	29	Kobe Port (center)	1,700
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1,400
Okayama Pref.	31	Offshore of Mizushima	560
Hiroshima Pref.	32	Kure Port	520
	33	Hiroshima Bay	450
Yamaguchi Pref.	34	Tokuyama Bay	350
	35	Offshore of Ube	410
	36	Offshore of Hagi	920
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	490
Kagawa Pref.	38	Takamatsu Port	700
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	250
Kitakyushu City	40	Dokai Bay	960
Saga Pref.	41	Imari Bay	1,300
Nagasaki Pref.	42	Omura Bay	750
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	1,700
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	620
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	220
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	450
Okinawa Pref.	47	Naha Port	210

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[25] Perfluorohexane sulfonic acid (PFHxS) /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 38/47 (Missing value : 0)
Detection Frequency (sample) : 38/47 (Missing value : 0)
Detection limit : 40
Quantification limit : 90

	Aggregated value
Geometric mean	140
Median	130
Maximum	2,300
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(70)
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	160
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	710
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	1,500
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	330
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	630
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	950
	12	Mouth of Riv. Sumida (Minato Ward)	1,400
Yokohama City	13	Yokohama Port	310
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	510
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	150
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	2,300
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	150
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(80)
Aichi Pref.	21	Nagoya Port	280
Mie Pref.	22	Yokkaichi Port	250
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	260
Kyoto Pref.	24	Miyazu Port	tr(60)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	940
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	440
Osaka City	27	Osaka Port	780
Hyogo Pref.	28	Offshore of Himeji	tr(80)
Kobe City	29	Kobe Port (center)	180
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	100
Okayama Pref.	31	Offshore of Mizushima	tr(80)
Hiroshima Pref.	32	Kure Port	150
	33	Hiroshima Bay	100
Yamaguchi Pref.	34	Tokuyama Bay	tr(50)
	35	Offshore of Ube	tr(70)
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	tr(50)
Kagawa Pref.	38	Takamatsu Port	tr(80)
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	130
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	100
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	710
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	tr(60)
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	130
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	160
Okinawa Pref.	47	Naha Port	160

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[26] Methoxychlor /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 0/47 (Missing value : 0)
Detection Frequency (sample) : 0/47 (Missing value : 0)
Detection limit : 40
Quantification limit : 110

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	nd
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	nd
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	nd
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd
	12	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	13	Yokohama Port	nd
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	nd
Mie Pref.	22	Yokkaichi Port	nd
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	27	Osaka Port	nd
Hyogo Pref.	28	Offshore of Himeji	nd
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	nd
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	47	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[27] Dechlorane pluses /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 40/47 (Missing value : 0)
Detection Frequency (sample) : 40/47 (Missing value : 0)
Detection limit : *2
Quantification limit : *5

	Aggregated value
Geometric mean	11
Median	9
Maximum	15,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(3)
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(2)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(4)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	10
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	41
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	9
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	10
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	15,000
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	77
	12	Mouth of Riv. Sumida (Minato Ward)	180
Yokohama City	13	Yokohama Port	25
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	47
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	130
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	7
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	13
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	8
Nagano Pref.	19	Lake Suwa (center)	9
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	14
Aichi Pref.	21	Nagoya Port	17
Mie Pref.	22	Yokkaichi Port	7
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	300
Kyoto Pref.	24	Miyazu Port	tr(2)
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	22
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	9
Osaka City	27	Osaka Port	19
Hyogo Pref.	28	Offshore of Himeji	890
Kobe City	29	Kobe Port (center)	tr(3)
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	6
Okayama Pref.	31	Offshore of Mizushima	tr(2)
Hiroshima Pref.	32	Kure Port	6
	33	Hiroshima Bay	26
Yamaguchi Pref.	34	Tokuyama Bay	14
	35	Offshore of Ube	5
	36	Offshore of Hagi	5
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	10
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	tr(3)
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	tr(2)
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	65
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	9
Okinawa Pref.	47	Naha Port	40

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected
(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

[27-1] *anti* -Dechlorane plus /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 44/47 (Missing value : 0)
Detection Frequency (sample) : 44/47 (Missing value : 0)
Detection limit : 0.9
Quantification limit : 2.2

	Aggregated value
Geometric mean	7.2
Median	5.0
Maximum	4,400
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.1
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(1.6)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	3.2
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	5.9
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	29
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	6.7
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	4.0
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	4,400
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	44
	12	Mouth of Riv. Sumida (Minato Ward)	83
Yokohama City	13	Yokohama Port	13
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	34
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	58
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	3.2
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	8.2
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	4.6
Nagano Pref.	19	Lake Suwa (center)	7.3
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	10
Aichi Pref.	21	Nagoya Port	11
Mie Pref.	22	Yokkaichi Port	4.5
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	190
Kyoto Pref.	24	Miyazu Port	2.4
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	22
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	7.4
Osaka City	27	Osaka Port	11
Hyogo Pref.	28	Offshore of Himeji	560
Kobe City	29	Kobe Port (center)	2.8
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.7
Okayama Pref.	31	Offshore of Mizushima	2.3
Hiroshima Pref.	32	Kure Port	3.6
	33	Hiroshima Bay	14
Yamaguchi Pref.	34	Tokuyama Bay	5.0
	35	Offshore of Ube	2.2
	36	Offshore of Hagi	4.6
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	tr(1.2)
Kagawa Pref.	38	Takamatsu Port	7.6
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	2.9
Saga Pref.	41	Imari Bay	tr(1.2)
Nagasaki Pref.	42	Omura Bay	tr(1.9)
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	20
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	tr(1.2)
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	tr(1.2)
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	6.4
Okinawa Pref.	47	Naha Port	34

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[27-2] *syn* -Dechlorane plus /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 31/47 (Missing value : 0)
Detection Frequency (sample) : 31/47 (Missing value : 0)
Detection limit : 1.0
Quantification limit : 3.0

	Aggregated value
Geometric mean	3.4
Median	tr(2.5)
Maximum	11,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(1.2)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	6	Onahama Port	4.2
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	12
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(2.5)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	5.8
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	11,000
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	33
	12	Mouth of Riv. Sumida (Minato Ward)	100
Yokohama City	13	Yokohama Port	12
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	13
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	70
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	3.4
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	4.6
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	3.5
Nagano Pref.	19	Lake Suwa (center)	tr(1.4)
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	3.5
Aichi Pref.	21	Nagoya Port	6.0
Mie Pref.	22	Yokkaichi Port	tr(2.7)
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	110
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(1.8)
Osaka City	27	Osaka Port	8.4
Hyogo Pref.	28	Offshore of Himeji	330
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	tr(1.1)
Okayama Pref.	31	Offshore of Mizushima	nd
Hiroshima Pref.	32	Kure Port	tr(2.5)
	33	Hiroshima Bay	12
Yamaguchi Pref.	34	Tokuyama Bay	9.3
	35	Offshore of Ube	tr(2.8)
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	tr(2.2)
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	nd
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	45
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	tr(2.5)
Okinawa Pref.	47	Naha Port	6.4

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[28] UV-328 /surface water (pg/L)

Monitored year : 2024
Detection Frequency (site) : 28/47 (Missing value : 0)
Detection Frequency (sample) : 28/47 (Missing value : 0)
Detection limit : 20
Quantification limit : 60

	Aggregated value
Geometric mean	tr(30)
Median	tr(30)
Maximum	120
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(20)
Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(30)
Miyagi Pref.	3	Sendai Bay (Matsushima Bay)	nd
Akita Pref.	4	Lake Hachiro	tr(50)
Yamagata Pref.	5	Mouth of Riv. Mogami (Sakata City)	tr(50)
Fukushima Pref.	6	Onahama Port	nd
Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	70
Tochigi Pref.	8	Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	tr(50)
Gunma Pref.	9	Tone-ozeki Weir, Riv. Tone (Chiyoda Town)	70
Saitama Pref.	10	Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City)	120
Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	100
	12	Mouth of Riv. Sumida (Minato Ward)	120
Yokohama City	13	Yokohama Port	tr(30)
Kawasaki City	14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(40)
Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	60
Toyama Pref.	16	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	90
Fukui Pref.	18	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(30)
Nagano Pref.	19	Lake Suwa (center)	nd
Shizuoka Pref.	20	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	21	Nagoya Port	80
Mie Pref.	22	Yokkaichi Port	tr(30)
Shiga Pref.	23	Lake Biwa (center, offshore of Karasaki)	tr(50)
Kyoto Pref.	24	Miyazu Port	nd
Kyoto City	25	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	80
Osaka Pref.	26	Mouth of Riv. Yamato (Sakai City)	tr(40)
Osaka City	27	Osaka Port	70
Hyogo Pref.	28	Offshore of Himeji	60
Kobe City	29	Kobe Port (center)	nd
Wakayama Pref.	30	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	31	Offshore of Mizushima	tr(30)
Hiroshima Pref.	32	Kure Port	nd
	33	Hiroshima Bay	nd
Yamaguchi Pref.	34	Tokuyama Bay	nd
	35	Offshore of Ube	nd
	36	Offshore of Hagi	nd
Tokushima Pref.	37	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	38	Takamatsu Port	110
Kochi Pref.	39	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	40	Dokai Bay	nd
Saga Pref.	41	Imari Bay	60
Nagasaki Pref.	42	Omura Bay	nd
Kumamoto Pref.	43	Hiraki-bashi Bridge, Riv. Midori (Uto City)	tr(30)
Miyazaki Pref.	44	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	45	Shinkawa-bashi Bridge, Riv. Amori (Kirishima City)	nd
	46	Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City)	tr(40)
Okinawa Pref.	47	Naha Port	tr(30)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1] Total Polychlorinated biphenyls (Total PCBs)/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : *7
Quantification limit : *19

	Aggregated value
Geometric mean	4,900
Median	5,600
Maximum	520,000
Minimum	21

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	640
	2	Tomakomai Port	5,000
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	170
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	2,500
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	160
Akita Pref.	6	Lake Hachiro	830
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	370
Fukushima Pref.	8	Onahama Port	91,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1,200
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	320
Chiba Pref.	11	Coast of Ichihara and Anegasaki	21,000
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	42,000
	13	Mouth of Riv. Sumida (Minato Ward)	250,000
Yokohama City	14	Yokohama Port	73,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	15,000
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	150,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	640
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	860
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	35,000
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2,100
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	210
Nagano Pref.	22	Lake Suwa (center)	3,600
Shizuoka Pref.	23	Shimizu Port	9,100
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	270
Aichi Pref.	25	Kinuura Port	5,500
	26	Nagoya Port	21,000
Mie Pref.	27	Yokkaichi Port	67,000
	28	Toba Port	7,600
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	5,200
	30	Lake Biwa (center, offshore of Karasaki)	29,000
Kyoto Pref.	31	Miyazu Port	2,100
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	4,100
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	8,700
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	36,000
	35	Mouth of Riv. Yodo (Osaka City)	52,000
	36	Osaka Port	520,000
	37	Outside Osaka Port	91,000
Hyogo Pref.	38	Offshore of Himeji	9,500
Kobe City	39	Kobe Port (center)	230,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	220
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4,800
Okayama Pref.	42	Offshore of Mizushima	620
Hiroshima Pref.	43	Kure Port	63,000
	44	Hiroshima Bay	13,000
Yamaguchi Pref.	45	Tokuyama Bay	9,000
	46	Offshore of Ube	4,400
	47	Offshore of Hagi	1,000
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	1,300
Kagawa Pref.	49	Takamatsu Port	32,000
Ehime Pref.	50	Niihama Port	11,000
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	1,000
Kitakyushu City	52	Dokai Bay	290,000
Fukuoka City	53	Hakata Bay	6,100
Saga Pref.	54	Imari Bay	5,600
Nagasaki Pref.	55	Omura Bay	6,400
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	370
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	21
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	31
	59	Riv. Gotanda (Ichikikushikino City)	28
Okinawa Pref.	60	Naha Port	78,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

[1-1] Monochlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 50/60 (Missing value : 0)
Detection Frequency (sample) : 50/60 (Missing value : 0)
Detection limit : 0.9
Quantification limit : 2.2

	Aggregated value
Geometric mean	23
Median	40
Maximum	990
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.4
	2	Tomakomai Port	41
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	47
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	2.3
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	330
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	11
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	59
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	190
	13	Mouth of Riv. Sumida (Minato Ward)	710
Yokohama City	14	Yokohama Port	390
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	20
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	820
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	tr(1.3)
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	170
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	28
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	90
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	21
Shizuoka Pref.	23	Shimizu Port	48
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	33
	26	Nagoya Port	130
Mie Pref.	27	Yokkaichi Port	110
	28	Toba Port	31
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	23
	30	Lake Biwa (center, offshore of Karasaki)	98
Kyoto Pref.	31	Miyazu Port	12
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	43
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	56
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	62
	35	Mouth of Riv. Yodo (Osaka City)	120
	36	Osaka Port	990
	37	Outside Osaka Port	550
Hyogo Pref.	38	Offshore of Himeji	84
Kobe City	39	Kobe Port (center)	180
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	160
Okayama Pref.	42	Offshore of Mizushima	12
Hiroshima Pref.	43	Kure Port	82
	44	Hiroshima Bay	45
Yamaguchi Pref.	45	Tokuyama Bay	31
	46	Offshore of Ube	34
	47	Offshore of Hagi	6.7
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	6.2
Kagawa Pref.	49	Takamatsu Port	59
Ehime Pref.	50	Niihama Port	61
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	7.2
Kitakyushu City	52	Dokai Bay	610
Fukuoka City	53	Hakata Bay	40
Saga Pref.	54	Imari Bay	34
Nagasaki Pref.	55	Omura Bay	51
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	5.4
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	120

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-2] Dichlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 1
Quantification limit : 3

	Aggregated value
Geometric mean	220
Median	350
Maximum	17,000
Minimum	tr(1)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	44
	2	Tomakomai Port	1,100
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	4
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	270
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	3
Akita Pref.	6	Lake Hachiro	14
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	3
Fukushima Pref.	8	Onahama Port	3,500
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	61
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	21
Chiba Pref.	11	Coast of Ichihara and Anegasaki	620
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	2,000
	13	Mouth of Riv. Sumida (Minato Ward)	7,500
Yokohama City	14	Yokohama Port	1,900
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	360
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	26
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	34
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	1,200
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	180
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	10
Nagano Pref.	22	Lake Suwa (center)	77
Shizuoka Pref.	23	Shimizu Port	750
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	13
Aichi Pref.	25	Kinuura Port	280
	26	Nagoya Port	1,800
Mie Pref.	27	Yokkaichi Port	1,600
	28	Toba Port	340
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	110
	30	Lake Biwa (center, offshore of Karasaki)	1,100
Kyoto Pref.	31	Miyazu Port	98
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	680
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	740
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1,100
	35	Mouth of Riv. Yodo (Osaka City)	2,000
	36	Osaka Port	17,000
	37	Outside Osaka Port	6,400
Hyogo Pref.	38	Offshore of Himeji	790
Kobe City	39	Kobe Port (center)	2,600
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	15
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	990
Okayama Pref.	42	Offshore of Mizushima	82
Hiroshima Pref.	43	Kure Port	910
	44	Hiroshima Bay	550
Yamaguchi Pref.	45	Tokuyama Bay	170
	46	Offshore of Ube	270
	47	Offshore of Hagi	45
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	62
Kagawa Pref.	49	Takamatsu Port	1,400
Ehime Pref.	50	Niihama Port	500
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	34
Kitakyushu City	52	Dokai Bay	5,600
Fukuoka City	53	Hakata Bay	410
Saga Pref.	54	Imari Bay	290
Nagasaki Pref.	55	Omura Bay	430
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	60
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	3
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(1)
	59	Riv. Gotanda (Ichikikushikino City)	tr(2)
Okinawa Pref.	60	Naha Port	1,300

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-3] Trichlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 59/60 (Missing value : 0)
Detection Frequency (sample) : 59/60 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 1.9

	Aggregated value
Geometric mean	620
Median	750
Maximum	130,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	100
	2	Tomakomai Port	640
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	18
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	300
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	18
Akita Pref.	6	Lake Hachiro	59
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	3.3
Fukushima Pref.	8	Onahama Port	5,700
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	170
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	79
Chiba Pref.	11	Coast of Ichihara and Anegasaki	3,500
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	11,000
	13	Mouth of Riv. Sumida (Minato Ward)	56,000
Yokohama City	14	Yokohama Port	8,400
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	2,700
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	18,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	82
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	110
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	11,000
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	460
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	28
Nagano Pref.	22	Lake Suwa (center)	320
Shizuoka Pref.	23	Shimizu Port	2,500
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	61
Aichi Pref.	25	Kinuura Port	910
	26	Nagoya Port	6,000
Mie Pref.	27	Yokkaichi Port	7,100
	28	Toba Port	990
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	500
	30	Lake Biwa (center, offshore of Karasaki)	4,000
Kyoto Pref.	31	Miyazu Port	240
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	1,300
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,000
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	5,000
	35	Mouth of Riv. Yodo (Osaka City)	11,000
	36	Osaka Port	130,000
	37	Outside Osaka Port	22,000
Hyogo Pref.	38	Offshore of Himeji	2,200
Kobe City	39	Kobe Port (center)	12,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	14
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	540
Okayama Pref.	42	Offshore of Mizushima	120
Hiroshima Pref.	43	Kure Port	3,400
	44	Hiroshima Bay	1,300
Yamaguchi Pref.	45	Tokuyama Bay	340
	46	Offshore of Ube	660
	47	Offshore of Hagi	87
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	190
Kagawa Pref.	49	Takamatsu Port	10,000
Ehime Pref.	50	Niihama Port	3,000
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	78
Kitakyushu City	52	Dokai Bay	46,000
Fukuoka City	53	Hakata Bay	1,100
Saga Pref.	54	Imari Bay	690
Nagasaki Pref.	55	Omura Bay	810
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	160
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	2.4
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	tr(1.0)
Okinawa Pref.	60	Naha Port	4,300

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-4] Tetrachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	980
Median	1,100
Maximum	180,000
Minimum	2.3

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	140
	2	Tomakomai Port	1,100
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	33
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	450
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	21
Akita Pref.	6	Lake Hachiro	150
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	11
Fukushima Pref.	8	Onahama Port	15,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	310
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	97
Chiba Pref.	11	Coast of Ichihara and Anegasaki	6,400
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	15,000
	13	Mouth of Riv. Sumida (Minato Ward)	97,000
Yokohama City	14	Yokohama Port	16,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	5,100
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	38,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	150
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	210
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	14,000
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	910
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	39
Nagano Pref.	22	Lake Suwa (center)	780
Shizuoka Pref.	23	Shimizu Port	2,600
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	62
Aichi Pref.	25	Kinuura Port	1,500
	26	Nagoya Port	6,800
Mie Pref.	27	Yokkaichi Port	8,700
	28	Toba Port	950
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	1,200
	30	Lake Biwa (center, offshore of Karasaki)	6,000
Kyoto Pref.	31	Miyazu Port	290
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	920
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,600
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	8,100
	35	Mouth of Riv. Yodo (Osaka City)	15,000
	36	Osaka Port	180,000
	37	Outside Osaka Port	25,000
Hyogo Pref.	38	Offshore of Himeji	2,300
Kobe City	39	Kobe Port (center)	20,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	32
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	890
Okayama Pref.	42	Offshore of Mizushima	110
Hiroshima Pref.	43	Kure Port	7,300
	44	Hiroshima Bay	1,800
Yamaguchi Pref.	45	Tokuyama Bay	430
	46	Offshore of Ube	1,100
	47	Offshore of Hagi	120
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	280
Kagawa Pref.	49	Takamatsu Port	11,000
Ehime Pref.	50	Niihama Port	3,200
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	140
Kitakyushu City	52	Dokai Bay	120,000
Fukuoka City	53	Hakata Bay	1,800
Saga Pref.	54	Imari Bay	940
Nagasaki Pref.	55	Omura Bay	1,300
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	92
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	3.6
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	2.3
	59	Riv. Gotanda (Ichikikushikino City)	3.5
Okinawa Pref.	60	Naha Port	8,800

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[1-4-1] 3,3',4,4'-Tetrachlorobiphenyl (#77) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 55/60 (Missing value : 0)
Detection Frequency (sample) : 55/60 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	22
Median	28
Maximum	3,200
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.8
	2	Tomakomai Port	18
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(0.7)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	12
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	4.7
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	570
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	9.0
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	2.6
Chiba Pref.	11	Coast of Ichihara and Anegasaki	130
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	400
	13	Mouth of Riv. Sumida (Minato Ward)	2,300
Yokohama City	14	Yokohama Port	270
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	45
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	580
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	4.2
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	4.1
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	220
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2.3
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	tr(1.2)
Nagano Pref.	22	Lake Suwa (center)	26
Shizuoka Pref.	23	Shimizu Port	64
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(1.2)
Aichi Pref.	25	Kinuura Port	30
	26	Nagoya Port	94
Mie Pref.	27	Yokkaichi Port	120
	28	Toba Port	16
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	36
	30	Lake Biwa (center, offshore of Karasaki)	270
Kyoto Pref.	31	Miyazu Port	7.5
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	15
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	37
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	150
	35	Mouth of Riv. Yodo (Osaka City)	290
	36	Osaka Port	3,200
	37	Outside Osaka Port	430
Hyogo Pref.	38	Offshore of Himeji	150
Kobe City	39	Kobe Port (center)	290
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	tr(1.0)
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	160
Okayama Pref.	42	Offshore of Mizushima	3.0
Hiroshima Pref.	43	Kure Port	90
	44	Hiroshima Bay	33
Yamaguchi Pref.	45	Tokuyama Bay	12
	46	Offshore of Ube	20
	47	Offshore of Hagi	3.4
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	6.5
Kagawa Pref.	49	Takamatsu Port	220
Ehime Pref.	50	Niihama Port	56
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	3.9
Kitakyushu City	52	Dokai Bay	1,700
Fukuoka City	53	Hakata Bay	34
Saga Pref.	54	Imari Bay	21
Nagasaki Pref.	55	Omura Bay	29
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	tr(1.4)
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	73

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-4-2] 3,4,4',5-Tetrachlorobiphenyl (#81) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 41/60 (Missing value : 0)
Detection Frequency (sample) : 41/60 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	2.7
Median	2.0
Maximum	250
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	1.9
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	tr(1.1)
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	tr(0.7)
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	73
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	tr(0.8)
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	7.9
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	15
	13	Mouth of Riv. Sumida (Minato Ward)	100
Yokohama City	14	Yokohama Port	22
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	7.1
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	75
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	11
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	2.3
Shizuoka Pref.	23	Shimizu Port	4.6
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	2.3
	26	Nagoya Port	7.7
Mie Pref.	27	Yokkaichi Port	14
	28	Toba Port	1.9
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	4.2
	30	Lake Biwa (center, offshore of Karasaki)	23
Kyoto Pref.	31	Miyazu Port	nd
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	1.6
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	4.2
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	19
	35	Mouth of Riv. Yodo (Osaka City)	33
	36	Osaka Port	250
	37	Outside Osaka Port	34
Hyogo Pref.	38	Offshore of Himeji	4.4
Kobe City	39	Kobe Port (center)	50
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.0
Okayama Pref.	42	Offshore of Mizushima	nd
Hiroshima Pref.	43	Kure Port	15
	44	Hiroshima Bay	3.8
Yamaguchi Pref.	45	Tokuyama Bay	tr(1.1)
	46	Offshore of Ube	1.7
	47	Offshore of Hagi	nd
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	tr(0.9)
Kagawa Pref.	49	Takamatsu Port	18
Ehime Pref.	50	Niihama Port	4.9
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	52	Dokai Bay	160
Fukuoka City	53	Hakata Bay	2.7
Saga Pref.	54	Imari Bay	2.0
Nagasaki Pref.	55	Omura Bay	2.0
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	21

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5] Pentachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	1,000
Median	1,000
Maximum	91,000
Minimum	7.4

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	190
	2	Tomakomai Port	820
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	65
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	470
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	32
Akita Pref.	6	Lake Hachiro	310
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	39
Fukushima Pref.	8	Onahama Port	36,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	310
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	68
Chiba Pref.	11	Coast of Ichihara and Anegasaki	4,900
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	7,700
	13	Mouth of Riv. Sumida (Minato Ward)	55,000
Yokohama City	14	Yokohama Port	16,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	3,900
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	44,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	200
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	170
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	5,500
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	360
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	64
Nagano Pref.	22	Lake Suwa (center)	1,100
Shizuoka Pref.	23	Shimizu Port	1,200
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	73
Aichi Pref.	25	Kinuura Port	1,200
	26	Nagoya Port	3,200
Mie Pref.	27	Yokkaichi Port	7,600
	28	Toba Port	1,000
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	1,500
	30	Lake Biwa (center, offshore of Karasaki)	9,100
Kyoto Pref.	31	Miyazu Port	280
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	710
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,900
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	10,000
	35	Mouth of Riv. Yodo (Osaka City)	12,000
	36	Osaka Port	91,000
	37	Outside Osaka Port	17,000
Hyogo Pref.	38	Offshore of Himeji	1,700
Kobe City	39	Kobe Port (center)	29,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	76
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	950
Okayama Pref.	42	Offshore of Mizushima	81
Hiroshima Pref.	43	Kure Port	12,000
	44	Hiroshima Bay	2,500
Yamaguchi Pref.	45	Tokuyama Bay	570
	46	Offshore of Ube	790
	47	Offshore of Hagi	150
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	330
Kagawa Pref.	49	Takamatsu Port	5,000
Ehime Pref.	50	Niihama Port	1,700
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	240
Kitakyushu City	52	Dokai Bay	62,000
Fukuoka City	53	Hakata Bay	1,300
Saga Pref.	54	Imari Bay	880
Nagasaki Pref.	55	Omura Bay	1,200
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	30
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	7.4
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	12
	59	Riv. Gotanda (Ichikikushikino City)	9.0
Okinawa Pref.	60	Naha Port	12,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[1-5-1] 2,3,3',4,4'-Pentachlorobiphenyl (#105) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	65
Median	71
Maximum	6,000
Minimum	0.9

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	13
	2	Tomakomai Port	64
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	4.7
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	32
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	2.3
Akita Pref.	6	Lake Hachiro	21
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	6.1
Fukushima Pref.	8	Onahama Port	4,300
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	23
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	4.0
Chiba Pref.	11	Coast of Ichihara and Anegasaki	310
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	380
	13	Mouth of Riv. Sumida (Minato Ward)	2,800
Yokohama City	14	Yokohama Port	1,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	200
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3,300
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	14
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	13
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	230
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	11
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	5.3
Nagano Pref.	22	Lake Suwa (center)	63
Shizuoka Pref.	23	Shimizu Port	110
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	6.1
Aichi Pref.	25	Kinuura Port	72
	26	Nagoya Port	150
Mie Pref.	27	Yokkaichi Port	300
	28	Toba Port	54
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	120
	30	Lake Biwa (center, offshore of Karasaki)	670
Kyoto Pref.	31	Miyazu Port	19
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	37
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	150
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	580
	35	Mouth of Riv. Yodo (Osaka City)	690
	36	Osaka Port	6,000
	37	Outside Osaka Port	660
Hyogo Pref.	38	Offshore of Himeji	96
Kobe City	39	Kobe Port (center)	1,400
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	6.2
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	82
Okayama Pref.	42	Offshore of Mizushima	4.5
Hiroshima Pref.	43	Kure Port	370
	44	Hiroshima Bay	99
Yamaguchi Pref.	45	Tokuyama Bay	25
	46	Offshore of Ube	50
	47	Offshore of Hagi	8.6
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	28
Kagawa Pref.	49	Takamatsu Port	430
Ehime Pref.	50	Niihama Port	120
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	20
Kitakyushu City	52	Dokai Bay	5,300
Fukuoka City	53	Hakata Bay	110
Saga Pref.	54	Imari Bay	70
Nagasaki Pref.	55	Omura Bay	73
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	2.1
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	0.9
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	1.0
	59	Riv. Gotanda (Ichikikushikino City)	1.0
Okinawa Pref.	60	Naha Port	430

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[1-5-2] 2,3,4,4',5-Pentachlorobiphenyl (#114) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 53/60 (Missing value : 0)
Detection Frequency (sample) : 53/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	5.0
Median	5.6
Maximum	460
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.9
	2	Tomakomai Port	5.0
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(0.4)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	2.1
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	1.3
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(0.4)
Fukushima Pref.	8	Onahama Port	280
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.4
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	13
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	27
	13	Mouth of Riv. Sumida (Minato Ward)	210
Yokohama City	14	Yokohama Port	58
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	14
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	220
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	0.9
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	0.9
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	18
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.6)
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	3.8
Shizuoka Pref.	23	Shimizu Port	6.5
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(0.5)
Aichi Pref.	25	Kinuura Port	3.6
	26	Nagoya Port	9.6
Mie Pref.	27	Yokkaichi Port	42
	28	Toba Port	5.5
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	7.9
	30	Lake Biwa (center, offshore of Karasaki)	45
Kyoto Pref.	31	Miyazu Port	1.8
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	2.5
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	10
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	43
	35	Mouth of Riv. Yodo (Osaka City)	51
	36	Osaka Port	460
	37	Outside Osaka Port	69
Hyogo Pref.	38	Offshore of Himeji	7.0
Kobe City	39	Kobe Port (center)	140
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	tr(0.5)
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5.9
Okayama Pref.	42	Offshore of Mizushima	tr(0.6)
Hiroshima Pref.	43	Kure Port	45
	44	Hiroshima Bay	11
Yamaguchi Pref.	45	Tokuyama Bay	4.3
	46	Offshore of Ube	4.1
	47	Offshore of Hagi	1.0
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	2.0
Kagawa Pref.	49	Takamatsu Port	29
Ehime Pref.	50	Niihama Port	7.7
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	1.4
Kitakyushu City	52	Dokai Bay	410
Fukuoka City	53	Hakata Bay	6.1
Saga Pref.	54	Imari Bay	5.8
Nagasaki Pref.	55	Omura Bay	6.6
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	64

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-3] 2,3',4,4',5-Pentachlorobiphenyl (#118) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	170
Median	180
Maximum	14,000
Minimum	1.3

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	30
	2	Tomakomai Port	120
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	14
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	100
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	5.2
Akita Pref.	6	Lake Hachiro	56
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	12
Fukushima Pref.	8	Onahama Port	6,900
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	56
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	8.8
Chiba Pref.	11	Coast of Ichihara and Anegasaki	890
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	1,300
	13	Mouth of Riv. Sumida (Minato Ward)	8,900
Yokohama City	14	Yokohama Port	2,800
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	660
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	9,200
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	33
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	31
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	860
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	18
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	12
Nagano Pref.	22	Lake Suwa (center)	160
Shizuoka Pref.	23	Shimizu Port	220
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	13
Aichi Pref.	25	Kinuura Port	220
	26	Nagoya Port	480
Mie Pref.	27	Yokkaichi Port	1,100
	28	Toba Port	150
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	290
	30	Lake Biwa (center, offshore of Karasaki)	1,400
Kyoto Pref.	31	Miyazu Port	50
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	120
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	310
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1,700
	35	Mouth of Riv. Yodo (Osaka City)	2,000
	36	Osaka Port	14,000
	37	Outside Osaka Port	2,700
Hyogo Pref.	38	Offshore of Himeji	320
Kobe City	39	Kobe Port (center)	4,300
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	13
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	180
Okayama Pref.	42	Offshore of Mizushima	14
Hiroshima Pref.	43	Kure Port	1,500
	44	Hiroshima Bay	350
Yamaguchi Pref.	45	Tokuyama Bay	81
	46	Offshore of Ube	130
	47	Offshore of Hagi	25
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	63
Kagawa Pref.	49	Takamatsu Port	940
Ehime Pref.	50	Niihama Port	280
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	44
Kitakyushu City	52	Dokai Bay	10,000
Fukuoka City	53	Hakata Bay	270
Saga Pref.	54	Imari Bay	170
Nagasaki Pref.	55	Omura Bay	230
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	4.5
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	1.3
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	1.6
	59	Riv. Gotanda (Ichikikushikino City)	1.6
Okinawa Pref.	60	Naha Port	1,300

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[1-5-4] 2',3,4,4',5-Pentachlorobiphenyl (#123) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 51/60 (Missing value : 0)
Detection Frequency (sample) : 51/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	3.9
Median	4.0
Maximum	300
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(0.6)
	2	Tomakomai Port	3.1
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	2.3
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	1.1
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	170
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.4
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	12
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	22
	13	Mouth of Riv. Sumida (Minato Ward)	170
Yokohama City	14	Yokohama Port	56
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	12
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	150
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	0.7
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	0.9
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	13
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	0.7
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	3.4
Shizuoka Pref.	23	Shimizu Port	6.1
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(0.4)
Aichi Pref.	25	Kinuura Port	3.9
	26	Nagoya Port	9.7
Mie Pref.	27	Yokkaichi Port	18
	28	Toba Port	3.1
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	6.6
	30	Lake Biwa (center, offshore of Karasaki)	39
Kyoto Pref.	31	Miyazu Port	1.4
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	2.6
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	7.2
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	35
	35	Mouth of Riv. Yodo (Osaka City)	45
	36	Osaka Port	300
	37	Outside Osaka Port	52
Hyogo Pref.	38	Offshore of Himeji	6.1
Kobe City	39	Kobe Port (center)	70
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	tr(0.4)
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.4
Okayama Pref.	42	Offshore of Mizushima	tr(0.4)
Hiroshima Pref.	43	Kure Port	27
	44	Hiroshima Bay	7.8
Yamaguchi Pref.	45	Tokuyama Bay	1.4
	46	Offshore of Ube	3.3
	47	Offshore of Hagi	0.7
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	1.9
Kagawa Pref.	49	Takamatsu Port	22
Ehime Pref.	50	Niihama Port	5.3
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	1.1
Kitakyushu City	52	Dokai Bay	290
Fukuoka City	53	Hakata Bay	6.3
Saga Pref.	54	Imari Bay	4.0
Nagasaki Pref.	55	Omura Bay	4.7
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	26

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-5] 3,3',4,4',5-Pentachlorobiphenyl (#126) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 48/60 (Missing value : 0)
Detection Frequency (sample) : 48/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	2.5
Median	3.0
Maximum	73
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	tr(0.4)
	2	Tomakomai Port	5.8
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	1.5
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	0.7
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	55
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.9
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	11
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	21
	13	Mouth of Riv. Sumida (Minato Ward)	58
Yokohama City	14	Yokohama Port	16
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	4.1
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	45
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	0.7
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(0.6)
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	5.1
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	4.0
Shizuoka Pref.	23	Shimizu Port	2.8
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	2.4
	26	Nagoya Port	4.6
Mie Pref.	27	Yokkaichi Port	7.2
	28	Toba Port	2.4
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	13
	30	Lake Biwa (center, offshore of Karasaki)	21
Kyoto Pref.	31	Miyazu Port	0.8
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	tr(0.5)
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	6.9
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	15
	35	Mouth of Riv. Yodo (Osaka City)	17
	36	Osaka Port	73
	37	Outside Osaka Port	16
Hyogo Pref.	38	Offshore of Himeji	4.4
Kobe City	39	Kobe Port (center)	23
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.0
Okayama Pref.	42	Offshore of Mizushima	tr(0.4)
Hiroshima Pref.	43	Kure Port	8.7
	44	Hiroshima Bay	6.2
Yamaguchi Pref.	45	Tokuyama Bay	8.8
	46	Offshore of Ube	6.3
	47	Offshore of Hagi	tr(0.6)
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	1.3
Kagawa Pref.	49	Takamatsu Port	11
Ehime Pref.	50	Niihama Port	2.3
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	1.0
Kitakyushu City	52	Dokai Bay	64
Fukuoka City	53	Hakata Bay	2.9
Saga Pref.	54	Imari Bay	3.1
Nagasaki Pref.	55	Omura Bay	3.0
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	19

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6] Hexachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.8

	Aggregated value
Geometric mean	950
Median	1,100
Maximum	72,000
Minimum	4.9

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	130
	2	Tomakomai Port	700
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	47
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	550
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	54
Akita Pref.	6	Lake Hachiro	230
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	200
Fukushima Pref.	8	Onahama Port	23,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	230
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	45
Chiba Pref.	11	Coast of Ichihara and Anegasaki	3,900
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	4,300
	13	Mouth of Riv. Sumida (Minato Ward)	25,000
Yokohama City	14	Yokohama Port	17,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	2,400
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	33,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	140
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	120
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	2,600
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	63
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	56
Nagano Pref.	22	Lake Suwa (center)	930
Shizuoka Pref.	23	Shimizu Port	1,200
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	50
Aichi Pref.	25	Kinuura Port	1,000
	26	Nagoya Port	2,000
Mie Pref.	27	Yokkaichi Port	17,000
	28	Toba Port	2,200
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	1,300
	30	Lake Biwa (center, offshore of Karasaki)	7,500
Kyoto Pref.	31	Miyazu Port	580
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	350
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	2,000
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	9,100
	35	Mouth of Riv. Yodo (Osaka City)	8,800
	36	Osaka Port	62,000
	37	Outside Osaka Port	13,000
Hyogo Pref.	38	Offshore of Himeji	1,600
Kobe City	39	Kobe Port (center)	72,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	71
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	870
Okayama Pref.	42	Offshore of Mizushima	120
Hiroshima Pref.	43	Kure Port	20,000
	44	Hiroshima Bay	3,900
Yamaguchi Pref.	45	Tokuyama Bay	2,600
	46	Offshore of Ube	890
	47	Offshore of Hagi	290
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	320
Kagawa Pref.	49	Takamatsu Port	3,400
Ehime Pref.	50	Niihama Port	1,400
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	290
Kitakyushu City	52	Dokai Bay	28,000
Fukuoka City	53	Hakata Bay	940
Saga Pref.	54	Imari Bay	1,400
Nagasaki Pref.	55	Omura Bay	1,500
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	19
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	4.9
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	14
	59	Riv. Gotanda (Ichikikushikino City)	10
Okinawa Pref.	60	Naha Port	25,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[1-6-1] 2,3,3',4,4',5-Hexachlorobiphenyl (#156) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 58/60 (Missing value : 0)
Detection Frequency (sample) : 58/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.9

	Aggregated value
Geometric mean	23
Median	26
Maximum	1,600
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	4.0
	2	Tomakomai Port	16
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	1.9
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	9.9
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.0
Akita Pref.	6	Lake Hachiro	7.5
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	20
Fukushima Pref.	8	Onahama Port	960
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	7.0
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	1.2
Chiba Pref.	11	Coast of Ichihara and Anegasaki	60
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	110
	13	Mouth of Riv. Sumida (Minato Ward)	720
Yokohama City	14	Yokohama Port	360
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	73
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	4.3
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	3.9
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	69
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	1.4
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	2.9
Nagano Pref.	22	Lake Suwa (center)	25
Shizuoka Pref.	23	Shimizu Port	30
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	2.1
Aichi Pref.	25	Kinuura Port	18
	26	Nagoya Port	38
Mie Pref.	27	Yokkaichi Port	230
	28	Toba Port	30
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	43
	30	Lake Biwa (center, offshore of Karasaki)	280
Kyoto Pref.	31	Miyazu Port	11
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	12
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	53
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	280
	35	Mouth of Riv. Yodo (Osaka City)	270
	36	Osaka Port	1,600
	37	Outside Osaka Port	280
Hyogo Pref.	38	Offshore of Himeji	38
Kobe City	39	Kobe Port (center)	1,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	2.4
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	27
Okayama Pref.	42	Offshore of Mizushima	1.8
Hiroshima Pref.	43	Kure Port	250
	44	Hiroshima Bay	48
Yamaguchi Pref.	45	Tokuyama Bay	36
	46	Offshore of Ube	14
	47	Offshore of Hagi	5.2
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	9.4
Kagawa Pref.	49	Takamatsu Port	110
Ehime Pref.	50	Niihama Port	37
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	7.7
Kitakyushu City	52	Dokai Bay	660
Fukuoka City	53	Hakata Bay	23
Saga Pref.	54	Imari Bay	28
Nagasaki Pref.	55	Omura Bay	26
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	tr(0.4)
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(0.3)
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	350

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-2] 2,3,3',4,4',5'-Hexachlorobiphenyl (#157) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 55/60 (Missing value : 0)
Detection Frequency (sample) : 55/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.8

	Aggregated value
Geometric mean	5.9
Median	5.8
Maximum	360
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.9
	2	Tomakomai Port	3.5
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(0.4)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	3.1
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	1.9
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	4.4
Fukushima Pref.	8	Onahama Port	220
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	2.1
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	tr(0.4)
Chiba Pref.	11	Coast of Ichihara and Anegasaki	19
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	28
	13	Mouth of Riv. Sumida (Minato Ward)	170
Yokohama City	14	Yokohama Port	67
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	19
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	230
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	1.2
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	1.1
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	17
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.4)
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	0.8
Nagano Pref.	22	Lake Suwa (center)	6.4
Shizuoka Pref.	23	Shimizu Port	7.3
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(0.6)
Aichi Pref.	25	Kinuura Port	5.6
	26	Nagoya Port	11
Mie Pref.	27	Yokkaichi Port	30
	28	Toba Port	5.6
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	11
	30	Lake Biwa (center, offshore of Karasaki)	60
Kyoto Pref.	31	Miyazu Port	2.2
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	3.1
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	13
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	70
	35	Mouth of Riv. Yodo (Osaka City)	70
	36	Osaka Port	360
	37	Outside Osaka Port	75
Hyogo Pref.	38	Offshore of Himeji	11
Kobe City	39	Kobe Port (center)	170
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	tr(0.7)
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	7.2
Okayama Pref.	42	Offshore of Mizushima	tr(0.5)
Hiroshima Pref.	43	Kure Port	54
	44	Hiroshima Bay	15
Yamaguchi Pref.	45	Tokuyama Bay	3.7
	46	Offshore of Ube	3.1
	47	Offshore of Hagi	1.3
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	2.7
Kagawa Pref.	49	Takamatsu Port	29
Ehime Pref.	50	Niihama Port	8.2
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	1.7
Kitakyushu City	52	Dokai Bay	140
Fukuoka City	53	Hakata Bay	5.9
Saga Pref.	54	Imari Bay	5.8
Nagasaki Pref.	55	Omura Bay	6.6
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	61

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-3] 2,3',4,4',5,5'-Hexachlorobiphenyl (#167) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 58/60 (Missing value : 0)
Detection Frequency (sample) : 58/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.8

	Aggregated value
Geometric mean	11
Median	12
Maximum	640
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.7
	2	Tomakomai Port	6.3
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	0.8
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	6.5
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	tr(0.5)
Akita Pref.	6	Lake Hachiro	3.0
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	6.3
Fukushima Pref.	8	Onahama Port	340
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	3.2
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	tr(0.6)
Chiba Pref.	11	Coast of Ichihara and Anegasaki	36
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	51
	13	Mouth of Riv. Sumida (Minato Ward)	300
Yokohama City	14	Yokohama Port	170
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	32
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	450
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	2.1
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	1.7
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	28
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(0.6)
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	1.2
Nagano Pref.	22	Lake Suwa (center)	9.8
Shizuoka Pref.	23	Shimizu Port	13
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	0.8
Aichi Pref.	25	Kinuura Port	9.4
	26	Nagoya Port	20
Mie Pref.	27	Yokkaichi Port	85
	28	Toba Port	12
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	17
	30	Lake Biwa (center, offshore of Karasaki)	91
Kyoto Pref.	31	Miyazu Port	4.3
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	4.7
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	22
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	120
	35	Mouth of Riv. Yodo (Osaka City)	110
	36	Osaka Port	640
	37	Outside Osaka Port	120
Hyogo Pref.	38	Offshore of Himeji	19
Kobe City	39	Kobe Port (center)	430
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.9
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	12
Okayama Pref.	42	Offshore of Mizushima	0.9
Hiroshima Pref.	43	Kure Port	130
	44	Hiroshima Bay	29
Yamaguchi Pref.	45	Tokuyama Bay	14
	46	Offshore of Ube	6.4
	47	Offshore of Hagi	2.1
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	4.6
Kagawa Pref.	49	Takamatsu Port	48
Ehime Pref.	50	Niihama Port	15
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	3.0
Kitakyushu City	52	Dokai Bay	260
Fukuoka City	53	Hakata Bay	11
Saga Pref.	54	Imari Bay	13
Nagasaki Pref.	55	Omura Bay	13
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	tr(0.4)
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(0.3)
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	170

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-4] 3,3',4,4',5,5'-Hexachlorobiphenyl (#169) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 42/60 (Missing value : 0)
Detection Frequency (sample) : 42/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.8

	Aggregated value
Geometric mean	1.1
Median	1.0
Maximum	61
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	tr(0.6)
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	0.8
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	tr(0.3)
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	15
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	3.0
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	2.8
	13	Mouth of Riv. Sumida (Minato Ward)	14
Yokohama City	14	Yokohama Port	18
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	0.9
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	17
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	1.0
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	1.9
Shizuoka Pref.	23	Shimizu Port	0.8
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	1.1
	26	Nagoya Port	1.3
Mie Pref.	27	Yokkaichi Port	17
	28	Toba Port	2.3
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	2.9
	30	Lake Biwa (center, offshore of Karasaki)	2.9
Kyoto Pref.	31	Miyazu Port	tr(0.6)
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	nd
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1.9
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	3.4
	35	Mouth of Riv. Yodo (Osaka City)	4.4
	36	Osaka Port	38
	37	Outside Osaka Port	9.9
Hyogo Pref.	38	Offshore of Himeji	1.5
Kobe City	39	Kobe Port (center)	61
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	0.9
Okayama Pref.	42	Offshore of Mizushima	nd
Hiroshima Pref.	43	Kure Port	12
	44	Hiroshima Bay	2.2
Yamaguchi Pref.	45	Tokuyama Bay	3.2
	46	Offshore of Ube	0.8
	47	Offshore of Hagi	tr(0.5)
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	tr(0.5)
Kagawa Pref.	49	Takamatsu Port	2.3
Ehime Pref.	50	Niihama Port	1.0
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	tr(0.5)
Kitakyushu City	52	Dokai Bay	19
Fukuoka City	53	Hakata Bay	0.8
Saga Pref.	54	Imari Bay	1.6
Nagasaki Pref.	55	Omura Bay	1.3
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	22

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7] Heptachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 59/60 (Missing value : 0)
Detection Frequency (sample) : 59/60 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	350
Median	480
Maximum	76,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	29
	2	Tomakomai Port	480
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	4.0
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	290
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	30
Akita Pref.	6	Lake Hachiro	51
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	110
Fukushima Pref.	8	Onahama Port	6,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	58
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	10
Chiba Pref.	11	Coast of Ichihara and Anegasaki	1,700
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	1,100
	13	Mouth of Riv. Sumida (Minato Ward)	7,300
Yokohama City	14	Yokohama Port	10,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	480
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	11,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	33
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	40
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	810
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	7.8
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	9.1
Nagano Pref.	22	Lake Suwa (center)	290
Shizuoka Pref.	23	Shimizu Port	630
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	6.7
Aichi Pref.	25	Kinuura Port	460
	26	Nagoya Port	700
Mie Pref.	27	Yokkaichi Port	19,000
	28	Toba Port	1,700
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	380
	30	Lake Biwa (center, offshore of Karasaki)	1,300
Kyoto Pref.	31	Miyazu Port	460
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	54
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,100
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	2,400
	35	Mouth of Riv. Yodo (Osaka City)	2,300
	36	Osaka Port	34,000
	37	Outside Osaka Port	5,400
Hyogo Pref.	38	Offshore of Himeji	670
Kobe City	39	Kobe Port (center)	76,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	17
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	360
Okayama Pref.	42	Offshore of Mizushima	75
Hiroshima Pref.	43	Kure Port	15,000
	44	Hiroshima Bay	2,100
Yamaguchi Pref.	45	Tokuyama Bay	3,800
	46	Offshore of Ube	530
	47	Offshore of Hagi	270
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	110
Kagawa Pref.	49	Takamatsu Port	1,200
Ehime Pref.	50	Niihama Port	570
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	170
Kitakyushu City	52	Dokai Bay	21,000
Fukuoka City	53	Hakata Bay	390
Saga Pref.	54	Imari Bay	1,100
Nagasaki Pref.	55	Omura Bay	790
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	4.2
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(1.4)
	59	Riv. Gotanda (Ichikikushikino City)	2.5
Okinawa Pref.	60	Naha Port	22,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-1] 2,2',3,3',4,4',5-Heptachlorobiphenyl (#170) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 57/60 (Missing value : 0)
Detection Frequency (sample) : 57/60 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	46
Median	54
Maximum	7,300
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	4.6
	2	Tomakomai Port	48
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(1.2)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	30
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	3.7
Akita Pref.	6	Lake Hachiro	8.2
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	25
Fukushima Pref.	8	Onahama Port	890
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	8.4
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	tr(1.6)
Chiba Pref.	11	Coast of Ichihara and Anegasaki	180
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	140
	13	Mouth of Riv. Sumida (Minato Ward)	950
Yokohama City	14	Yokohama Port	1,100
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	71
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1,500
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	4.8
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	5.1
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	100
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	tr(1.6)
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	2.8
Nagano Pref.	22	Lake Suwa (center)	38
Shizuoka Pref.	23	Shimizu Port	73
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	tr(1.5)
Aichi Pref.	25	Kinuura Port	48
	26	Nagoya Port	79
Mie Pref.	27	Yokkaichi Port	1,900
	28	Toba Port	160
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	55
	30	Lake Biwa (center, offshore of Karasaki)	220
Kyoto Pref.	31	Miyazu Port	48
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	9.2
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	120
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	340
	35	Mouth of Riv. Yodo (Osaka City)	290
	36	Osaka Port	4,100
	37	Outside Osaka Port	570
Hyogo Pref.	38	Offshore of Himeji	68
Kobe City	39	Kobe Port (center)	7,300
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	2.7
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	44
Okayama Pref.	42	Offshore of Mizushima	6.6
Hiroshima Pref.	43	Kure Port	1,400
	44	Hiroshima Bay	170
Yamaguchi Pref.	45	Tokuyama Bay	380
	46	Offshore of Ube	52
	47	Offshore of Hagi	28
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	13
Kagawa Pref.	49	Takamatsu Port	150
Ehime Pref.	50	Niihama Port	57
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	17
Kitakyushu City	52	Dokai Bay	2,000
Fukuoka City	53	Hakata Bay	42
Saga Pref.	54	Imari Bay	110
Nagasaki Pref.	55	Omura Bay	79
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	tr(0.9)
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	2,400

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-2] 2,2',3,4,4',5,5'-Heptachlorobiphenyl (#180) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 59/60 (Missing value : 0)
Detection Frequency (sample) : 59/60 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	100
Median	130
Maximum	22,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	8.3
	2	Tomakomai Port	130
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	1.9
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	71
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	9.5
Akita Pref.	6	Lake Hachiro	14
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	33
Fukushima Pref.	8	Onahama Port	1,800
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	16
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	3.0
Chiba Pref.	11	Coast of Ichihara and Anegasaki	440
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	290
	13	Mouth of Riv. Sumida (Minato Ward)	2,100
Yokohama City	14	Yokohama Port	2,900
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	130
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3,400
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	9.5
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	11
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	220
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	2.9
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	4.2
Nagano Pref.	22	Lake Suwa (center)	77
Shizuoka Pref.	23	Shimizu Port	170
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	2.9
Aichi Pref.	25	Kinuura Port	110
	26	Nagoya Port	180
Mie Pref.	27	Yokkaichi Port	5,300
	28	Toba Port	500
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	93
	30	Lake Biwa (center, offshore of Karasaki)	330
Kyoto Pref.	31	Miyazu Port	120
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	15
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	290
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	660
	35	Mouth of Riv. Yodo (Osaka City)	630
	36	Osaka Port	9,500
	37	Outside Osaka Port	1,400
Hyogo Pref.	38	Offshore of Himeji	150
Kobe City	39	Kobe Port (center)	22,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	4.8
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	96
Okayama Pref.	42	Offshore of Mizushima	18
Hiroshima Pref.	43	Kure Port	4,200
	44	Hiroshima Bay	450
Yamaguchi Pref.	45	Tokuyama Bay	1,100
	46	Offshore of Ube	130
	47	Offshore of Hagi	71
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	30
Kagawa Pref.	49	Takamatsu Port	330
Ehime Pref.	50	Niihama Port	130
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	47
Kitakyushu City	52	Dokai Bay	6,200
Fukuoka City	53	Hakata Bay	100
Saga Pref.	54	Imari Bay	290
Nagasaki Pref.	55	Omura Bay	190
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	1.9
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(1.4)
	59	Riv. Gotanda (Ichikikushikino City)	tr(1.6)
Okinawa Pref.	60	Naha Port	6,800

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7-3] 2,3,3',4,4',5,5'-Heptachlorobiphenyl (#189) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 44/60 (Missing value : 0)
Detection Frequency (sample) : 44/60 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.9

	Aggregated value
Geometric mean	3.7
Median	3.7
Maximum	260
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	1.9
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	2.0
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	tr(0.7)
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(1.5)
Fukushima Pref.	8	Onahama Port	60
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	tr(0.7)
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	7.4
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	8.6
	13	Mouth of Riv. Sumida (Minato Ward)	66
Yokohama City	14	Yokohama Port	52
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	4.4
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	64
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	5.4
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	2.9
Shizuoka Pref.	23	Shimizu Port	4.1
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	3.5
	26	Nagoya Port	4.6
Mie Pref.	27	Yokkaichi Port	70
	28	Toba Port	6.2
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	5.3
	30	Lake Biwa (center, offshore of Karasaki)	16
Kyoto Pref.	31	Miyazu Port	3.9
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	nd
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	5.7
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	20
	35	Mouth of Riv. Yodo (Osaka City)	17
	36	Osaka Port	170
	37	Outside Osaka Port	38
Hyogo Pref.	38	Offshore of Himeji	5.6
Kobe City	39	Kobe Port (center)	260
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.1
Okayama Pref.	42	Offshore of Mizushima	nd
Hiroshima Pref.	43	Kure Port	59
	44	Hiroshima Bay	9.7
Yamaguchi Pref.	45	Tokuyama Bay	14
	46	Offshore of Ube	3.2
	47	Offshore of Hagi	tr(1.8)
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	tr(1.3)
Kagawa Pref.	49	Takamatsu Port	9.2
Ehime Pref.	50	Niihama Port	3.3
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	2.5
Kitakyushu City	52	Dokai Bay	81
Fukuoka City	53	Hakata Bay	2.7
Saga Pref.	54	Imari Bay	6.1
Nagasaki Pref.	55	Omura Bay	5.5
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	92

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-8] Octachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 45/60 (Missing value : 0)
Detection Frequency (sample) : 45/60 (Missing value : 0)
Detection limit : 2
Quantification limit : 5

	Aggregated value
Geometric mean	58
Median	100
Maximum	18,000
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	99
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	64
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	tr(4)
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	1,100
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	9
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	330
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	180
	13	Mouth of Riv. Sumida (Minato Ward)	1,300
Yokohama City	14	Yokohama Port	2,100
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	66
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	2,200
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(2)
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	140
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	51
Shizuoka Pref.	23	Shimizu Port	140
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	110
	26	Nagoya Port	150
Mie Pref.	27	Yokkaichi Port	5,800
	28	Toba Port	350
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	89
	30	Lake Biwa (center, offshore of Karasaki)	160
Kyoto Pref.	31	Miyazu Port	100
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	nd
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	240
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	410
	35	Mouth of Riv. Yodo (Osaka City)	420
	36	Osaka Port	7,500
	37	Outside Osaka Port	1,100
Hyogo Pref.	38	Offshore of Himeji	150
Kobe City	39	Kobe Port (center)	18,000
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	57
Okayama Pref.	42	Offshore of Mizushima	15
Hiroshima Pref.	43	Kure Port	3,800
	44	Hiroshima Bay	440
Yamaguchi Pref.	45	Tokuyama Bay	990
	46	Offshore of Ube	100
	47	Offshore of Hagi	72
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	14
Kagawa Pref.	49	Takamatsu Port	210
Ehime Pref.	50	Niihama Port	120
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	31
Kitakyushu City	52	Dokai Bay	5,300
Fukuoka City	53	Hakata Bay	75
Saga Pref.	54	Imari Bay	230
Nagasaki Pref.	55	Omura Bay	190
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	4,400

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-9] Nonachlorobiphenyls/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 48/60 (Missing value : 0)
Detection Frequency (sample) : 48/60 (Missing value : 0)
Detection limit : 0.4
Quantification limit : 1.0

	Aggregated value
Geometric mean	9.6
Median	12
Maximum	1,200
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.1
	2	Tomakomai Port	8.9
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	12
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	2.7
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	120
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	5.0
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	30
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	33
	13	Mouth of Riv. Sumida (Minato Ward)	200
Yokohama City	14	Yokohama Port	240
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	10
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	230
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	1.8
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	1.3
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	17
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	16
Shizuoka Pref.	23	Shimizu Port	13
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	12
	26	Nagoya Port	19
Mie Pref.	27	Yokkaichi Port	380
	28	Toba Port	28
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	26
	30	Lake Biwa (center, offshore of Karasaki)	31
Kyoto Pref.	31	Miyazu Port	11
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	tr(0.5)
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	23
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	50
	35	Mouth of Riv. Yodo (Osaka City)	50
	36	Osaka Port	880
	37	Outside Osaka Port	140
Hyogo Pref.	38	Offshore of Himeji	21
Kobe City	39	Kobe Port (center)	1,200
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	10
Okayama Pref.	42	Offshore of Mizushima	2.1
Hiroshima Pref.	43	Kure Port	430
	44	Hiroshima Bay	42
Yamaguchi Pref.	45	Tokuyama Bay	69
	46	Offshore of Ube	11
	47	Offshore of Hagi	7.0
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	4.4
Kagawa Pref.	49	Takamatsu Port	29
Ehime Pref.	50	Niihama Port	52
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	3.5
Kitakyushu City	52	Dokai Bay	410
Fukuoka City	53	Hakata Bay	11
Saga Pref.	54	Imari Bay	21
Nagasaki Pref.	55	Omura Bay	49
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	390

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-10] Decachlorobiphenyl/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 49/60 (Missing value : 0)
Detection Frequency (sample) : 49/60 (Missing value : 0)
Detection limit : 0.3
Quantification limit : 0.7

	Aggregated value
Geometric mean	7.1
Median	9.3
Maximum	1,300
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.9
	2	Tomakomai Port	2.9
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	25
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	4.3
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	220
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	8.6
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	27
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	56
	13	Mouth of Riv. Sumida (Minato Ward)	270
Yokohama City	14	Yokohama Port	530
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	11
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	480
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	1.9
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	2.0
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	8.5
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	tr(0.3)
Nagano Pref.	22	Lake Suwa (center)	11
Shizuoka Pref.	23	Shimizu Port	10
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	3.6
	26	Nagoya Port	14
Mie Pref.	27	Yokkaichi Port	23
	28	Toba Port	4.5
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	26
	30	Lake Biwa (center, offshore of Karasaki)	19
Kyoto Pref.	31	Miyazu Port	5.9
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	tr(0.6)
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	11
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	24
	35	Mouth of Riv. Yodo (Osaka City)	28
	36	Osaka Port	240
	37	Outside Osaka Port	69
Hyogo Pref.	38	Offshore of Himeji	11
Kobe City	39	Kobe Port (center)	70
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	8.4
Okayama Pref.	42	Offshore of Mizushima	1.2
Hiroshima Pref.	43	Kure Port	530
	44	Hiroshima Bay	19
Yamaguchi Pref.	45	Tokuyama Bay	17
	46	Offshore of Ube	11
	47	Offshore of Hagi	2.0
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	4.3
Kagawa Pref.	49	Takamatsu Port	20
Ehime Pref.	50	Niihama Port	400
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	2.4
Kitakyushu City	52	Dokai Bay	1,300
Fukuoka City	53	Hakata Bay	6.7
Saga Pref.	54	Imari Bay	7.4
Nagasaki Pref.	55	Omura Bay	52
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	130

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[2] HCB (Hexachlorobenzene) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.8

	Aggregated value
Geometric mean	52
Median	60
Maximum	8,000
Minimum	1.9

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	110
	2	Tomakomai Port	67
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	10
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	360
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	14
Akita Pref.	6	Lake Hachiro	17
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	2.8
Fukushima Pref.	8	Onahama Port	8,000
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	120
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	4.0
Chiba Pref.	11	Coast of Ichihara and Anegasaki	140
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	400
	13	Mouth of Riv. Sumida (Minato Ward)	570
Yokohama City	14	Yokohama Port	480
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	89
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	920
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	80
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	30
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	79
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	6.7
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	8.0
Nagano Pref.	22	Lake Suwa (center)	230
Shizuoka Pref.	23	Shimizu Port	52
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	24
Aichi Pref.	25	Kinuura Port	31
	26	Nagoya Port	37
Mie Pref.	27	Yokkaichi Port	130
	28	Toba Port	47
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	110
	30	Lake Biwa (center, offshore of Karasaki)	36
Kyoto Pref.	31	Miyazu Port	9.5
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	12
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	74
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	99
	35	Mouth of Riv. Yodo (Osaka City)	170
	36	Osaka Port	1,000
	37	Outside Osaka Port	150
Hyogo Pref.	38	Offshore of Himeji	34
Kobe City	39	Kobe Port (center)	74
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	3.0
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	81
Okayama Pref.	42	Offshore of Mizushima	7.5
Hiroshima Pref.	43	Kure Port	74
	44	Hiroshima Bay	18
Yamaguchi Pref.	45	Tokuyama Bay	110
	46	Offshore of Ube	34
	47	Offshore of Hagi	7.9
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	71
Kagawa Pref.	49	Takamatsu Port	100
Ehime Pref.	50	Niihama Port	830
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	77
Kitakyushu City	52	Dokai Bay	6,600
Fukuoka City	53	Hakata Bay	22
Saga Pref.	54	Imari Bay	49
Nagasaki Pref.	55	Omura Bay	34
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	5.4
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	3.9
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	3.0
	59	Riv. Gotanda (Ichikikushikino City)	1.9
Okinawa Pref.	60	Naha Port	34

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.

[15] Perfluorooctane sulfonic acid (PFOS)/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 4
Quantification limit : 9

	Aggregated value
Geometric mean	38
Median	41
Maximum	300
Minimum	tr(5)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	52
	2	Tomakomai Port	72
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	11
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	38
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	40
Akita Pref.	6	Lake Hachiro	24
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(7)
Fukushima Pref.	8	Onahama Port	11
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	53
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	24
Chiba Pref.	11	Coast of Ichihara and Anegasaki	160
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	140
	13	Mouth of Riv. Sumida (Minato Ward)	300
Yokohama City	14	Yokohama Port	120
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	57
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	130
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	37
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	12
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	29
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	17
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	31
Nagano Pref.	22	Lake Suwa (center)	71
Shizuoka Pref.	23	Shimizu Port	11
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	15
Aichi Pref.	25	Kinuura Port	44
	26	Nagoya Port	45
Mie Pref.	27	Yokkaichi Port	35
	28	Toba Port	36
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	200
	30	Lake Biwa (center, offshore of Karasaki)	170
Kyoto Pref.	31	Miyazu Port	12
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	38
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	110
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	130
	35	Mouth of Riv. Yodo (Osaka City)	78
	36	Osaka Port	70
	37	Outside Osaka Port	54
Hyogo Pref.	38	Offshore of Himeji	69
Kobe City	39	Kobe Port (center)	60
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	22
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	31
Okayama Pref.	42	Offshore of Mizushima	17
Hiroshima Pref.	43	Kure Port	55
	44	Hiroshima Bay	45
Yamaguchi Pref.	45	Tokuyama Bay	93
	46	Offshore of Ube	23
	47	Offshore of Hagi	13
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	18
Kagawa Pref.	49	Takamatsu Port	42
Ehime Pref.	50	Niihama Port	42
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	9
Kitakyushu City	52	Dokai Bay	38
Fukuoka City	53	Hakata Bay	49
Saga Pref.	54	Imari Bay	15
Nagasaki Pref.	55	Omura Bay	130
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	tr(5)
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	tr(8)
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	tr(7)
	59	Riv. Gotanda (Ichikikushikino City)	64
Okinawa Pref.	60	Naha Port	150

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[16] Perfluorooctanoic acid (PFOA)/sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 59/60 (Missing value : 0)
Detection Frequency (sample) : 59/60 (Missing value : 0)
Detection limit : 3
Quantification limit : 7

	Aggregated value
Geometric mean	21
Median	18
Maximum	220
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	16
	2	Tomakomai Port	11
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	12
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	41
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	19
Akita Pref.	6	Lake Hachiro	11
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(3)
Fukushima Pref.	8	Onahama Port	17
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	19
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	9
Chiba Pref.	11	Coast of Ichihara and Anegasaki	46
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	31
	13	Mouth of Riv. Sumida (Minato Ward)	30
Yokohama City	14	Yokohama Port	19
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	31
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	49
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	7
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	tr(6)
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	36
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	27
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	15
Nagano Pref.	22	Lake Suwa (center)	14
Shizuoka Pref.	23	Shimizu Port	17
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	10
Aichi Pref.	25	Kinuura Port	14
	26	Nagoya Port	10
Mie Pref.	27	Yokkaichi Port	14
	28	Toba Port	22
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	82
	30	Lake Biwa (center, offshore of Karasaki)	78
Kyoto Pref.	31	Miyazu Port	69
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	16
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	39
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	55
	35	Mouth of Riv. Yodo (Osaka City)	30
	36	Osaka Port	220
	37	Outside Osaka Port	72
Hyogo Pref.	38	Offshore of Himeji	26
Kobe City	39	Kobe Port (center)	31
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	27
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	17
Okayama Pref.	42	Offshore of Mizushima	15
Hiroshima Pref.	43	Kure Port	10
	44	Hiroshima Bay	12
Yamaguchi Pref.	45	Tokuyama Bay	26
	46	Offshore of Ube	13
	47	Offshore of Hagi	85
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	12
Kagawa Pref.	49	Takamatsu Port	19
Ehime Pref.	50	Niihama Port	17
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	15
Kitakyushu City	52	Dokai Bay	34
Fukuoka City	53	Hakata Bay	57
Saga Pref.	54	Imari Bay	72
Nagasaki Pref.	55	Omura Bay	91
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	7
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	18
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	tr(6)
Okinawa Pref.	60	Naha Port	10

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[25] Perfluorohexane sulfonic acid (PFHxS) /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 15/60 (Missing value : 0)
Detection Frequency (sample) : 15/60 (Missing value : 0)
Detection limit : 3
Quantification limit : 6

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	18
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	nd
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	nd
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	nd
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	nd
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	7
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	tr(3)
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	tr(5)
	13	Mouth of Riv. Sumida (Minato Ward)	9
Yokohama City	14	Yokohama Port	nd
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	nd
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	tr(5)
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	18
Shizuoka Pref.	23	Shimizu Port	nd
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	nd
	26	Nagoya Port	nd
Mie Pref.	27	Yokkaichi Port	nd
	28	Toba Port	nd
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	6
	30	Lake Biwa (center, offshore of Karasaki)	7
Kyoto Pref.	31	Miyazu Port	nd
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	nd
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd
	35	Mouth of Riv. Yodo (Osaka City)	tr(4)
	36	Osaka Port	tr(5)
	37	Outside Osaka Port	tr(3)
Hyogo Pref.	38	Offshore of Himeji	nd
Kobe City	39	Kobe Port (center)	nd
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	42	Offshore of Mizushima	nd
Hiroshima Pref.	43	Kure Port	nd
	44	Hiroshima Bay	nd
Yamaguchi Pref.	45	Tokuyama Bay	tr(3)
	46	Offshore of Ube	nd
	47	Offshore of Hagi	nd
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	49	Takamatsu Port	tr(4)
Ehime Pref.	50	Niihama Port	nd
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	52	Dokai Bay	nd
Fukuoka City	53	Hakata Bay	nd
Saga Pref.	54	Imari Bay	nd
Nagasaki Pref.	55	Omura Bay	8
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	tr(4)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[26] Methoxychlor /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 0/60 (Missing value : 0)
Detection Frequency (sample) : 0/60 (Missing value : 0)
Detection limit : 3
Quantification limit : 7

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd
	2	Tomakomai Port	nd
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	nd
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd
Akita Pref.	6	Lake Hachiro	nd
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	nd
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd
Chiba Pref.	11	Coast of Ichihara and Anegasaki	nd
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	nd
	13	Mouth of Riv. Sumida (Minato Ward)	nd
Yokohama City	14	Yokohama Port	nd
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	nd
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	nd
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	nd
Nagano Pref.	22	Lake Suwa (center)	nd
Shizuoka Pref.	23	Shimizu Port	nd
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd
Aichi Pref.	25	Kinuura Port	nd
	26	Nagoya Port	nd
Mie Pref.	27	Yokkaichi Port	nd
	28	Toba Port	nd
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	nd
	30	Lake Biwa (center, offshore of Karasaki)	nd
Kyoto Pref.	31	Miyazu Port	nd
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	nd
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd
	35	Mouth of Riv. Yodo (Osaka City)	nd
	36	Osaka Port	nd
	37	Outside Osaka Port	nd
Hyogo Pref.	38	Offshore of Himeji	nd
Kobe City	39	Kobe Port (center)	nd
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd
Okayama Pref.	42	Offshore of Mizushima	nd
Hiroshima Pref.	43	Kure Port	nd
	44	Hiroshima Bay	nd
Yamaguchi Pref.	45	Tokuyama Bay	nd
	46	Offshore of Ube	nd
	47	Offshore of Hagi	nd
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	nd
Kagawa Pref.	49	Takamatsu Port	nd
Ehime Pref.	50	Niihama Port	nd
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	nd
Kitakyushu City	52	Dokai Bay	nd
Fukuoka City	53	Hakata Bay	nd
Saga Pref.	54	Imari Bay	nd
Nagasaki Pref.	55	Omura Bay	nd
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	nd
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[27] Dechlorane pluses /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 56/60 (Missing value : 0)
Detection Frequency (sample) : 56/60 (Missing value : 0)
Detection limit : *2
Quantification limit : *7

	Aggregated value
Geometric mean	220
Median	370
Maximum	7,900
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	57
	2	Tomakomai Port	100
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(5)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	350
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	7
Akita Pref.	6	Lake Hachiro	51
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	3,200
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	650
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	27
Chiba Pref.	11	Coast of Ichihara and Anegasaki	2,500
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	6,000
	13	Mouth of Riv. Sumida (Minato Ward)	5,300
Yokohama City	14	Yokohama Port	7,900
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	840
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	4,800
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	77
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	380
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	1,000
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	14
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	29
Nagano Pref.	22	Lake Suwa (center)	610
Shizuoka Pref.	23	Shimizu Port	390
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	62
Aichi Pref.	25	Kinuura Port	570
	26	Nagoya Port	850
Mie Pref.	27	Yokkaichi Port	2,700
	28	Toba Port	270
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	1,600
	30	Lake Biwa (center, offshore of Karasaki)	950
Kyoto Pref.	31	Miyazu Port	130
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	tr(5)
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,600
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1,300
	35	Mouth of Riv. Yodo (Osaka City)	3,500
	36	Osaka Port	7,100
	37	Outside Osaka Port	1,300
Hyogo Pref.	38	Offshore of Himeji	490
Kobe City	39	Kobe Port (center)	660
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	8
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	360
Okayama Pref.	42	Offshore of Mizushima	27
Hiroshima Pref.	43	Kure Port	1,400
	44	Hiroshima Bay	750
Yamaguchi Pref.	45	Tokuyama Bay	220
	46	Offshore of Ube	140
	47	Offshore of Hagi	28
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	120
Kagawa Pref.	49	Takamatsu Port	2,200
Ehime Pref.	50	Niihama Port	590
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	76
Kitakyushu City	52	Dokai Bay	2,200
Fukuoka City	53	Hakata Bay	310
Saga Pref.	54	Imari Bay	340
Nagasaki Pref.	55	Omura Bay	180
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	12
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	3,400

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected
(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

[27-1] *anti* -Dechlorane plus /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 56/60 (Missing value : 0)
Detection Frequency (sample) : 56/60 (Missing value : 0)
Detection limit : 1.8
Quantification limit : 5.4

	Aggregated value
Geometric mean	170
Median	280
Maximum	5,800
Minimum	nd

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	39
	2	Tomakomai Port	74
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	tr(3.5)
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	200
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	tr(3.5)
Akita Pref.	6	Lake Hachiro	37
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	nd
Fukushima Pref.	8	Onahama Port	2,400
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	500
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	20
Chiba Pref.	11	Coast of Ichihara and Anegasaki	2,000
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	4,600
	13	Mouth of Riv. Sumida (Minato Ward)	3,800
Yokohama City	14	Yokohama Port	5,800
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	520
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	3,800
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	54
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	290
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	870
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	9.7
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	19
Nagano Pref.	22	Lake Suwa (center)	460
Shizuoka Pref.	23	Shimizu Port	290
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	53
Aichi Pref.	25	Kinuura Port	420
	26	Nagoya Port	610
Mie Pref.	27	Yokkaichi Port	2,100
	28	Toba Port	200
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	1,200
	30	Lake Biwa (center, offshore of Karasaki)	730
Kyoto Pref.	31	Miyazu Port	100
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	tr(3.4)
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	1,200
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	960
	35	Mouth of Riv. Yodo (Osaka City)	2,700
	36	Osaka Port	5,400
	37	Outside Osaka Port	900
Hyogo Pref.	38	Offshore of Himeji	350
Kobe City	39	Kobe Port (center)	450
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	5.8
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	230
Okayama Pref.	42	Offshore of Mizushima	20
Hiroshima Pref.	43	Kure Port	1,000
	44	Hiroshima Bay	560
Yamaguchi Pref.	45	Tokuyama Bay	160
	46	Offshore of Ube	89
	47	Offshore of Hagi	19
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	93
Kagawa Pref.	49	Takamatsu Port	1,500
Ehime Pref.	50	Niihama Port	490
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	50
Kitakyushu City	52	Dokai Bay	1,600
Fukuoka City	53	Hakata Bay	250
Saga Pref.	54	Imari Bay	270
Nagasaki Pref.	55	Omura Bay	140
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	10
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	nd
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	nd
	59	Riv. Gotanda (Ichikikushikino City)	nd
Okinawa Pref.	60	Naha Port	2,800

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[27-2] *syn* -Dechlorane plus /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 0.4
Quantification limit : 1.1

	Aggregated value
Geometric mean	64
Median	100
Maximum	2,100
Minimum	tr(0.6)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	18
	2	Tomakomai Port	26
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	1.4
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	150
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	3.4
Akita Pref.	6	Lake Hachiro	14
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(0.6)
Fukushima Pref.	8	Onahama Port	800
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	150
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	6.7
Chiba Pref.	11	Coast of Ichihara and Anegasaki	540
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	1,400
	13	Mouth of Riv. Sumida (Minato Ward)	1,500
Yokohama City	14	Yokohama Port	2,100
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	320
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	23
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	89
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	180
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	4.7
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	10
Nagano Pref.	22	Lake Suwa (center)	150
Shizuoka Pref.	23	Shimizu Port	100
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	9.0
Aichi Pref.	25	Kinuura Port	150
	26	Nagoya Port	240
Mie Pref.	27	Yokkaichi Port	610
	28	Toba Port	67
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	370
	30	Lake Biwa (center, offshore of Karasaki)	220
Kyoto Pref.	31	Miyazu Port	33
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	1.5
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	390
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	360
	35	Mouth of Riv. Yodo (Osaka City)	780
	36	Osaka Port	1,700
	37	Outside Osaka Port	380
Hyogo Pref.	38	Offshore of Himeji	140
Kobe City	39	Kobe Port (center)	210
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	2.2
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	130
Okayama Pref.	42	Offshore of Mizushima	6.6
Hiroshima Pref.	43	Kure Port	390
	44	Hiroshima Bay	190
Yamaguchi Pref.	45	Tokuyama Bay	64
	46	Offshore of Ube	49
	47	Offshore of Hagi	8.6
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	28
Kagawa Pref.	49	Takamatsu Port	690
Ehime Pref.	50	Niihama Port	100
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	26
Kitakyushu City	52	Dokai Bay	580
Fukuoka City	53	Hakata Bay	63
Saga Pref.	54	Imari Bay	69
Nagasaki Pref.	55	Omura Bay	40
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	2.1
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	tr(0.8)
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	1.2
	59	Riv. Gotanda (Ichikikushikino City)	1.4
Okinawa Pref.	60	Naha Port	650

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[28] UV-328 /sediment (pg/g-dry)

Monitored year : 2024
Detection Frequency (site) : 60/60 (Missing value : 0)
Detection Frequency (sample) : 60/60 (Missing value : 0)
Detection limit : 8
Quantification limit : 20

	Aggregated value
Geometric mean	1,200
Median	1,600
Maximum	50,000
Minimum	tr(14)

Local communities	No.	Monitored sites	Measured value
Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	480
	2	Tomakomai Port	750
Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	51
Miyagi Pref.	4	Sendai Bay (Matsushima Bay)	1,600
Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	22
Akita Pref.	6	Lake Hachiro	280
Yamagata Pref.	7	Mouth of Riv. Mogami (Sakata City)	tr(14)
Fukushima Pref.	8	Onahama Port	6,100
Ibaraki Pref.	9	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1,600
Tochigi Pref.	10	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	61
Chiba Pref.	11	Coast of Ichihara and Anegasaki	6,300
Tokyo Met.	12	Mouth of Riv. Arakawa (Koto Ward)	15,000
	13	Mouth of Riv. Sumida (Minato Ward)	37,000
Yokohama City	14	Yokohama Port	12,000
Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	3,500
	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	10,000
Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	480
Toyama Pref.	18	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	510
Ishikawa Pref.	19	Mouth of Riv. Sai (Kanazawa City)	6,700
Fukui Pref.	20	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	38
Yamanashi Pref.	21	Senshu-bashi Bridge, Riv. Arakawa (Kofu City)	470
Nagano Pref.	22	Lake Suwa (center)	5,400
Shizuoka Pref.	23	Shimizu Port	2,600
	24	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	46
Aichi Pref.	25	Kinuura Port	3,700
	26	Nagoya Port	5,700
Mie Pref.	27	Yokkaichi Port	3,400
	28	Toba Port	900
Shiga Pref.	29	Lake Biwa (center, offshore of Minamihira)	5,500
	30	Lake Biwa (center, offshore of Karasaki)	4,200
Kyoto Pref.	31	Miyazu Port	490
Kyoto City	32	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	83
Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	6,400
Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	13,000
	35	Mouth of Riv. Yodo (Osaka City)	10,000
	36	Osaka Port	41,000
	37	Outside Osaka Port	9,400
Hyogo Pref.	38	Offshore of Himeji	6,300
Kobe City	39	Kobe Port (center)	4,500
Nara Pref.	40	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	110
Wakayama Pref.	41	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	950
Okayama Pref.	42	Offshore of Mizushima	190
Hiroshima Pref.	43	Kure Port	10,000
	44	Hiroshima Bay	7,800
Yamaguchi Pref.	45	Tokuyama Bay	660
	46	Offshore of Ube	440
	47	Offshore of Hagi	190
Tokushima Pref.	48	Mouth of Riv. Yoshino (Tokushima City)	550
Kagawa Pref.	49	Takamatsu Port	30,000
Ehime Pref.	50	Niihama Port	1,700
Kochi Pref.	51	Mouth of Riv. Shimanto (Shimanto City)	600
Kitakyushu City	52	Dokai Bay	4,100
Fukuoka City	53	Hakata Bay	2,100
Saga Pref.	54	Imari Bay	1,400
Nagasaki Pref.	55	Omura Bay	1,300
Oita Pref.	56	Mouth of Riv. Oita (Oita City)	47
Miyazaki Pref.	57	Mouth of Riv. Oyodo (Miyazaki City)	22
Kagoshima Pref.	58	Riv. Amori (Kirishima City)	66
	59	Riv. Gotanda (Ichikikushikino City)	64
Okinawa Pref.	60	Naha Port	50,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1] Total Polychlorinated biphenyls (Total PCBs)/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : *8
Quantification limit : *21

	Aggregated value
Geometric mean	8,000
Median	6,900
Maximum	910,000
Minimum	170

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	910	8,100	200,000
Median	730	8,400	---
Maximum	6,100	130,000	910,000
Minimum	170	1,000	46,000

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	730
	Yokohama City	2	Yokohama Port	Green mussel	6,100
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	170
Fish	Iwate Pref.	4	Yamada Bay	Greenling	2,900
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	1,000
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	1,400
	Tokyo Met.	7	Tokyo Bay	Sea bass	19,000
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	46,000
	Nagoya City	9	Nagoya Port	Striped mullet	12,000
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	10,000
	Osaka Pref.	11	Osaka Bay	Sea bass	40,000
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	130,000
	Tottori Pref.	13	Nakaumi	Sea bass	5,500
	Hiroshima City	14	Hiroshima Bay	Sea bass	6,900
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	28,000
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	1,300
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	20,000
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	2,400
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	2,200
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	910,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	46,000
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	3,600,000
				Egg of Great Cormorant (Egg white)	2,000
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	17,000,000
				Egg of Great Cormorant (Egg white)	10,000

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

[1-1] Monochlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 11/21 (Missing value : 0)
Detection Frequency (sample) : 11/21 (Missing value : 0)
Detection limit : 0.4
Quantification limit : 0.9

	Aggregated value
Geometric mean	tr(0.8)
Median	tr(0.4)
Maximum	34
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	9/16	1/2
Detection Frequency (sample)	1/3	9/16	1/2
Geometric mean	nd	1.0	tr(0.8)
Median	nd	tr(0.7)	---
Maximum	tr(0.4)	34	3.5
Minimum	nd	nd	nd

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	tr(0.4)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	tr(0.6)
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(0.8)
	Nagoya City	9	Nagoya Port	Striped mullet	11
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	5.0
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	34
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	0.9
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	15
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	4.0
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	0.9
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	3.5
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	nd
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	19
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2.2
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-2] Dichlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 2.2
Quantification limit : 6.6

	Aggregated value
Geometric mean	23
Median	15
Maximum	340
Minimum	tr(2.6)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	14	28	12
Median	15	14	---
Maximum	67	340	46
Minimum	tr(2.6)	tr(2.7)	tr(3.3)

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	15
	Yokohama City	2	Yokohama Port	Green mussel	67
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	tr(2.6)
Fish	Iwate Pref.	4	Yamada Bay	Greenling	13
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	tr(2.7)
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	7.0
	Tokyo Met.	7	Tokyo Bay	Sea bass	78
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	210
	Nagoya City	9	Nagoya Port	Striped mullet	210
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	tr(4.6)
	Osaka Pref.	11	Osaka Bay	Sea bass	250
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	340
	Tottori Pref.	13	Nakaumi	Sea bass	11
	Hiroshima City	14	Hiroshima Bay	Sea bass	16
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	270
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(3.0)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	61
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(3.5)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	11
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	46
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	tr(3.3)
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	310
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	150
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-3] Trichlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.8

	Aggregated value
Geometric mean	310
Median	200
Maximum	28,000
Minimum	5.9

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	53	320	3,700
Median	29	190	---
Maximum	850	6,300	28,000
Minimum	5.9	24	490

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	29
	Yokohama City	2	Yokohama Port	Green mussel	850
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	5.9
Fish	Iwate Pref.	4	Yamada Bay	Greenling	82
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	24
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	62
	Tokyo Met.	7	Tokyo Bay	Sea bass	1,600
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	5,000
	Nagoya City	9	Nagoya Port	Striped mullet	2,000
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	200
	Osaka Pref.	11	Osaka Bay	Sea bass	4,400
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	6,300
	Tottori Pref.	13	Nakaumi	Sea bass	130
	Hiroshima City	14	Hiroshima Bay	Sea bass	180
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	2,900
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	49
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	310
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	44
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	29
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	28,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	490
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	98,000
				Egg of Great Cormorant (Egg white)	170
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,100,000
				Egg of Great Cormorant (Egg white)	1,800

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-4] Tetrachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.4

	Aggregated value
Geometric mean	1,100
Median	1,500
Maximum	99,000
Minimum	20

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	140	1,200	15,000
Median	76	1,100	---
Maximum	2,000	24,000	99,000
Minimum	20	120	2,200

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	76
	Yokohama City	2	Yokohama Port	Green mussel	2,000
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	20
Fish	Iwate Pref.	4	Yamada Bay	Greenling	220
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	120
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	220
	Tokyo Met.	7	Tokyo Bay	Sea bass	5,300
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	15,000
	Nagoya City	9	Nagoya Port	Striped mullet	4,300
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	1,500
	Osaka Pref.	11	Osaka Bay	Sea bass	11,000
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	24,000
	Tottori Pref.	13	Nakaumi	Sea bass	580
	Hiroshima City	14	Hiroshima Bay	Sea bass	770
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	5,600
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	150
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	1,900
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	230
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	130
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	99,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	2,200
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	360,000
				Egg of Great Cormorant (Egg white)	480
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,600,000
				Egg of Great Cormorant (Egg white)	2,800

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-4-1] 3,3',4,4'-Tetrachlorobiphenyl (#77) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.4

	Aggregated value
Geometric mean	8.4
Median	10
Maximum	110
Minimum	tr(0.7)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	2.5	9.2	27
Median	1.7	8.7	---
Maximum	10	110	47
Minimum	tr(0.9)	tr(0.7)	15

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	1.7
	Yokohama City	2	Yokohama Port	Green mussel	10
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	tr(0.9)
Fish	Iwate Pref.	4	Yamada Bay	Greenling	2.9
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	tr(0.7)
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	3.0
	Tokyo Met.	7	Tokyo Bay	Sea bass	19
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	54
	Nagoya City	9	Nagoya Port	Striped mullet	17
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	36
	Osaka Pref.	11	Osaka Bay	Sea bass	55
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	110
	Tottori Pref.	13	Nakaumi	Sea bass	3.3
	Hiroshima City	14	Hiroshima Bay	Sea bass	4.4
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	40
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	2.3
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	13
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	3.1
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	2.1
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	47
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	15
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	91
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	590
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-4-2] 3,4,4',5-Tetrachlorobiphenyl (#81) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 16/21 (Missing value : 0)
Detection Frequency (sample) : 16/21 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.4

	Aggregated value
Geometric mean	2.5
Median	2.8
Maximum	100
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	13/16	2/2
Detection Frequency (sample)	1/3	13/16	2/2
Geometric mean	tr(0.6)	2.4	31
Median	nd	2.3	---
Maximum	2.8	36	100
Minimum	nd	nd	9.9

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	2.8
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	tr(0.7)
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(0.9)
	Tokyo Met.	7	Tokyo Bay	Sea bass	6.7
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	15
	Nagoya City	9	Nagoya Port	Striped mullet	4.3
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	8.7
	Osaka Pref.	11	Osaka Bay	Sea bass	13
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	36
	Tottori Pref.	13	Nakaumi	Sea bass	1.7
	Hiroshima City	14	Hiroshima Bay	Sea bass	tr(1.0)
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	6.2
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	2.9
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(1.0)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	nd
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	100
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	9.9
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	570
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,200
				Egg of Great Cormorant (Egg white)	tr(0.7)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-5] Pentachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	2,000
Median	1,700
Maximum	210,000
Minimum	45

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	230	2,000	48,000
Median	160	2,400	---
Maximum	1,600	37,000	210,000
Minimum	45	290	11,000

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	160
	Yokohama City	2	Yokohama Port	Green mussel	1,600
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	45
Fish	Iwate Pref.	4	Yamada Bay	Greenling	550
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	290
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	440
	Tokyo Met.	7	Tokyo Bay	Sea bass	5,800
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	14,000
	Nagoya City	9	Nagoya Port	Striped mullet	3,000
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	3,800
	Osaka Pref.	11	Osaka Bay	Sea bass	11,000
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	37,000
	Tottori Pref.	13	Nakaumi	Sea bass	1,700
	Hiroshima City	14	Hiroshima Bay	Sea bass	1,500
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	5,400
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	310
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	3,800
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	630
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	290
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	210,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	11,000
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	830,000
				Egg of Great Cormorant (Egg white)	600
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	3,800,000
				Egg of Great Cormorant (Egg white)	2,500

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-5-1] 2,3,3',4,4'-Pentachlorobiphenyl (#105) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	110
Median	76
Maximum	26,000
Minimum	2.4

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	11	110	6,600
Median	8.0	110	---
Maximum	74	1,200	26,000
Minimum	2.4	22	1,700

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	8.0
	Yokohama City	2	Yokohama Port	Green mussel	74
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	2.4
Fish	Iwate Pref.	4	Yamada Bay	Greenling	38
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	22
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	26
	Tokyo Met.	7	Tokyo Bay	Sea bass	240
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	600
	Nagoya City	9	Nagoya Port	Striped mullet	180
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	240
	Osaka Pref.	11	Osaka Bay	Sea bass	400
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	1,200
	Tottori Pref.	13	Nakaumi	Sea bass	76
	Hiroshima City	14	Hiroshima Bay	Sea bass	53
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	200
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	27
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	140
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	55
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	26
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	26,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	1,700
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	120,000
				Egg of Great Cormorant (Egg white)	100
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	410,000
				Egg of Great Cormorant (Egg white)	280

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-5-2] 2,3,4,4',5-Pentachlorobiphenyl (#114) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	13
Median	9.5
Maximum	2,800
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	tr(1.1)	13	690
Median	tr(1.1)	13	---
Maximum	5.1	170	2,800
Minimum	nd	2.3	170

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(1.1)
	Yokohama City	2	Yokohama Port	Green mussel	5.1
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	5.7
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	2.3
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	3.0
	Tokyo Met.	7	Tokyo Bay	Sea bass	22
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	55
	Nagoya City	9	Nagoya Port	Striped mullet	16
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	23
	Osaka Pref.	11	Osaka Bay	Sea bass	47
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	170
	Tottori Pref.	13	Nakaumi	Sea bass	9.5
	Hiroshima City	14	Hiroshima Bay	Sea bass	8.7
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	30
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	2.6
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	28
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	5.4
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	3.0
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	2,800
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	170
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	13,000
				Egg of Great Cormorant (Egg white)	7.0
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	51,000
				Egg of Great Cormorant (Egg white)	23

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-3] 2,3',4,4',5-Pentachlorobiphenyl (#118) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	390
Median	290
Maximum	98,000
Minimum	10

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	39	360	23,000
Median	25	420	---
Maximum	230	6,200	98,000
Minimum	10	69	5,300

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	25
	Yokohama City	2	Yokohama Port	Green mussel	230
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	10
Fish	Iwate Pref.	4	Yamada Bay	Greenling	120
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	74
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	81
	Tokyo Met.	7	Tokyo Bay	Sea bass	1,000
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	2,500
	Nagoya City	9	Nagoya Port	Striped mullet	550
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	560
	Osaka Pref.	11	Osaka Bay	Sea bass	1,400
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	6,200
	Tottori Pref.	13	Nakaumi	Sea bass	290
	Hiroshima City	14	Hiroshima Bay	Sea bass	210
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	740
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	69
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	560
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	140
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	84
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	98,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	5,300
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	410,000
				Egg of Great Cormorant (Egg white)	250
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,600,000
				Egg of Great Cormorant (Egg white)	930

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-5-4] 2',3,4,4',5-Pentachlorobiphenyl (#123) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	7.8
Median	5.3
Maximum	1,500
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	tr(0.9)	7.0	490
Median	tr(0.6)	7.6	---
Maximum	4.2	100	1,500
Minimum	nd	1.3	160

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(0.6)
	Yokohama City	2	Yokohama Port	Green mussel	4.2
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	2.3
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	1.3
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	1.7
	Tokyo Met.	7	Tokyo Bay	Sea bass	13
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	35
	Nagoya City	9	Nagoya Port	Striped mullet	12
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	17
	Osaka Pref.	11	Osaka Bay	Sea bass	29
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	100
	Tottori Pref.	13	Nakaumi	Sea bass	5.3
	Hiroshima City	14	Hiroshima Bay	Sea bass	3.9
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	14
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	1.6
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	10
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	3.0
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	1.7
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	1,500
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	160
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	8,000
				Egg of Great Cormorant (Egg white)	4.1
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	27,000
				Egg of Great Cormorant (Egg white)	13

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-5-5] 3,3',4,4',5-Pentachlorobiphenyl (#126) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 19/21 (Missing value : 0)
Detection Frequency (sample) : 19/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	3.6
Median	2.3
Maximum	300
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	15/16	2/2
Detection Frequency (sample)	2/3	15/16	2/2
Geometric mean	tr(0.6)	3.2	110
Median	tr(0.7)	3.2	---
Maximum	1.3	28	300
Minimum	nd	nd	43

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(0.7)
	Yokohama City	2	Yokohama Port	Green mussel	1.3
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	1.3
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	2.0
	Tokyo Met.	7	Tokyo Bay	Sea bass	4.0
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	8.5
	Nagoya City	9	Nagoya Port	Striped mullet	4.0
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	15
	Osaka Pref.	11	Osaka Bay	Sea bass	8.7
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	28
	Tottori Pref.	13	Nakaumi	Sea bass	1.9
	Hiroshima City	14	Hiroshima Bay	Sea bass	2.3
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	7.1
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(0.8)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	16
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	1.5
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(0.7)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	300
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	43
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	2,200
				Egg of Great Cormorant (Egg white)	tr(0.6)
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	3,200
				Egg of Great Cormorant (Egg white)	tr(1.0)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6] Hexachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	2,800
Median	2,400
Maximum	380,000
Minimum	75

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	310	2,700	93,000
Median	320	2,600	---
Maximum	1,200	45,000	380,000
Minimum	75	420	23,000

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	320
	Yokohama City	2	Yokohama Port	Green mussel	1,200
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	75
Fish	Iwate Pref.	4	Yamada Bay	Greenling	1,200
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	420
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	490
	Tokyo Met.	7	Tokyo Bay	Sea bass	4,400
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	9,300
	Nagoya City	9	Nagoya Port	Striped mullet	2,000
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	4,000
	Osaka Pref.	11	Osaka Bay	Sea bass	10,000
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	45,000
	Tottori Pref.	13	Nakaumi	Sea bass	2,400
	Hiroshima City	14	Hiroshima Bay	Sea bass	2,900
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	8,400
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	510
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	9,100
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	970
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	750
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	380,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	23,000
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	1,600,000
				Egg of Great Cormorant (Egg white)	590
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	6,300,000
				Egg of Great Cormorant (Egg white)	2,500

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-6-1] 2,3,3',4,4',5-Hexachlorobiphenyl (#156) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	46
Median	40
Maximum	13,000
Minimum	1.4

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	3.6	43	3,400
Median	2.7	44	---
Maximum	12	660	13,000
Minimum	1.4	7.4	880

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	2.7
	Yokohama City	2	Yokohama Port	Green mussel	12
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	1.4
Fish	Iwate Pref.	4	Yamada Bay	Greenling	17
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	7.4
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	8.7
	Tokyo Met.	7	Tokyo Bay	Sea bass	74
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	170
	Nagoya City	9	Nagoya Port	Striped mullet	47
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	97
	Osaka Pref.	11	Osaka Bay	Sea bass	150
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	660
	Tottori Pref.	13	Nakaumi	Sea bass	40
	Hiroshima City	14	Hiroshima Bay	Sea bass	22
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	82
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	14
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	65
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	24
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	15
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	13,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	880
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	68,000
				Egg of Great Cormorant (Egg white)	19
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	250,000
				Egg of Great Cormorant (Egg white)	77

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-6-2] 2,3,3',4,4',5'-Hexachlorobiphenyl (#157) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	11
Median	10
Maximum	3,100
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	tr(1.0)	11	840
Median	tr(0.9)	10	---
Maximum	3.9	140	3,100
Minimum	nd	2.3	230

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(0.9)
	Yokohama City	2	Yokohama Port	Green mussel	3.9
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	5.2
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	2.3
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	2.4
	Tokyo Met.	7	Tokyo Bay	Sea bass	17
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	38
	Nagoya City	9	Nagoya Port	Striped mullet	11
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	21
	Osaka Pref.	11	Osaka Bay	Sea bass	35
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	140
	Tottori Pref.	13	Nakaumi	Sea bass	10
	Hiroshima City	14	Hiroshima Bay	Sea bass	5.6
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	18
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	3.1
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	16
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	6.0
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	3.6
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	3,100
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	230
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	17,000
				Egg of Great Cormorant (Egg white)	4.2
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	51,000
				Egg of Great Cormorant (Egg white)	14

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-6-3] 2,3',4,4',5,5'-Hexachlorobiphenyl (#167) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	28
Median	24
Maximum	6,400
Minimum	tr(0.8)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	2.9	26	1,700
Median	2.7	25	---
Maximum	11	410	6,400
Minimum	tr(0.8)	4.1	450

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	2.7
	Yokohama City	2	Yokohama Port	Green mussel	11
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	tr(0.8)
Fish	Iwate Pref.	4	Yamada Bay	Greenling	11
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	4.1
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	5.6
	Tokyo Met.	7	Tokyo Bay	Sea bass	48
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	93
	Nagoya City	9	Nagoya Port	Striped mullet	26
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	45
	Osaka Pref.	11	Osaka Bay	Sea bass	88
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	410
	Tottori Pref.	13	Nakaumi	Sea bass	24
	Hiroshima City	14	Hiroshima Bay	Sea bass	19
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	62
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	5.7
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	50
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	12
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	8.9
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	6,400
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	450
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	36,000
				Egg of Great Cormorant (Egg white)	8.2
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	110,000
				Egg of Great Cormorant (Egg white)	30

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-6-4] 3,3',4,4',5,5'-Hexachlorobiphenyl (#169) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 14/21 (Missing value : 0)
Detection Frequency (sample) : 14/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.4

	Aggregated value
Geometric mean	tr(1.3)
Median	tr(0.9)
Maximum	210
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	0/3	12/16	2/2
Detection Frequency (sample)	0/3	12/16	2/2
Geometric mean	nd	tr(1.0)	86
Median	nd	tr(1.0)	---
Maximum	nd	13	210
Minimum	nd	nd	35

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	nd
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	tr(0.8)
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	tr(1.2)
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	1.7
	Nagoya City	9	Nagoya Port	Striped mullet	tr(0.7)
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	1.4
	Osaka Pref.	11	Osaka Bay	Sea bass	2.5
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	13
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	tr(1.0)
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	4.5
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	2.5
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(0.7)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(0.9)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	210
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	35
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	1,300
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	3,400
				Egg of Great Cormorant (Egg white)	tr(0.5)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-7] Heptachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 2.1

	Aggregated value
Geometric mean	1,000
Median	730
Maximum	160,000
Minimum	19

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	100	1,000	34,000
Median	130	780	---
Maximum	400	18,000	160,000
Minimum	19	140	7,100

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	130
	Yokohama City	2	Yokohama Port	Green mussel	400
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	19
Fish	Iwate Pref.	4	Yamada Bay	Greenling	710
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	140
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	170
	Tokyo Met.	7	Tokyo Bay	Sea bass	1,200
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	2,000
	Nagoya City	9	Nagoya Port	Striped mullet	730
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	840
	Osaka Pref.	11	Osaka Bay	Sea bass	3,200
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	18,000
	Tottori Pref.	13	Nakaumi	Sea bass	560
	Hiroshima City	14	Hiroshima Bay	Sea bass	1,300
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	4,800
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	210
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	4,300
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	460
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	660
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	160,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	7,100
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	600,000
				Egg of Great Cormorant (Egg white)	130
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,500,000
				Egg of Great Cormorant (Egg white)	730

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-7-1] 2,2',3,3',4,4',5-Heptachlorobiphenyl (#170) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 2.1

	Aggregated value
Geometric mean	85
Median	83
Maximum	23,000
Minimum	tr(1.0)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	4.0	91	5,000
Median	2.8	84	---
Maximum	23	1,400	23,000
Minimum	tr(1.0)	13	1,100

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	2.8
	Yokohama City	2	Yokohama Port	Green mussel	23
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	tr(1.0)
Fish	Iwate Pref.	4	Yamada Bay	Greenling	64
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	13
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	16
	Tokyo Met.	7	Tokyo Bay	Sea bass	130
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	220
	Nagoya City	9	Nagoya Port	Striped mullet	84
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	110
	Osaka Pref.	11	Osaka Bay	Sea bass	280
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	1,400
	Tottori Pref.	13	Nakaumi	Sea bass	43
	Hiroshima City	14	Hiroshima Bay	Sea bass	83
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	390
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	21
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	260
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	45
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	48
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	23,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	1,100
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	97,000
				Egg of Great Cormorant (Egg white)	28
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	390,000
				Egg of Great Cormorant (Egg white)	120

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1-7-2] 2,2',3,4,4',5,5'-Heptachlorobiphenyl (#180) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 2.1

	Aggregated value
Geometric mean	260
Median	220
Maximum	60,000
Minimum	3.4

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	16	270	13,000
Median	16	230	---
Maximum	82	4,500	60,000
Minimum	3.4	42	2,700

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	16
	Yokohama City	2	Yokohama Port	Green mussel	82
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	3.4
Fish	Iwate Pref.	4	Yamada Bay	Greenling	190
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	42
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	48
	Tokyo Met.	7	Tokyo Bay	Sea bass	370
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	580
	Nagoya City	9	Nagoya Port	Striped mullet	220
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	200
	Osaka Pref.	11	Osaka Bay	Sea bass	860
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	4,500
	Tottori Pref.	13	Nakaumi	Sea bass	120
	Hiroshima City	14	Hiroshima Bay	Sea bass	260
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	1,200
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	63
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	870
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	130
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	240
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	60,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	2,700
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	240,000
				Egg of Great Cormorant (Egg white)	41
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	940,000
				Egg of Great Cormorant (Egg white)	230

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[1-7-3] 2,3,3',4,4',5,5'-Heptachlorobiphenyl (#189) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 18/21 (Missing value : 0)
Detection Frequency (sample) : 18/21 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 2.1

	Aggregated value
Geometric mean	4.9
Median	3.5
Maximum	1,100
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	15/16	2/2
Detection Frequency (sample)	1/3	15/16	2/2
Geometric mean	nd	4.4	320
Median	nd	3.6	---
Maximum	tr(1.0)	67	1,100
Minimum	nd	nd	95

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	tr(1.0)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	3.1
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(1.3)
	Tokyo Met.	7	Tokyo Bay	Sea bass	5.9
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	9.5
	Nagoya City	9	Nagoya Port	Striped mullet	3.5
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	5.9
	Osaka Pref.	11	Osaka Bay	Sea bass	13
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	67
	Tottori Pref.	13	Nakaumi	Sea bass	2.6
	Hiroshima City	14	Hiroshima Bay	Sea bass	3.6
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	15
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(1.2)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	12
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	2.2
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	2.6
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	1,100
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	95
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	7,300
				Egg of Great Cormorant (Egg white)	tr(0.8)
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	21,000
				Egg of Great Cormorant (Egg white)	4.0

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[1-8] Octachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 0.9
Quantification limit : 2.2

	Aggregated value
Geometric mean	130
Median	130
Maximum	29,000
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	3.3	160	6,600
Median	4.8	150	---
Maximum	17	2,500	29,000
Minimum	nd	22	1,500

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	4.8
	Yokohama City	2	Yokohama Port	Green mussel	17
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	130
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	24
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	22
	Tokyo Met.	7	Tokyo Bay	Sea bass	170
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	230
	Nagoya City	9	Nagoya Port	Striped mullet	130
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	110
	Osaka Pref.	11	Osaka Bay	Sea bass	450
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	2,500
	Tottori Pref.	13	Nakaumi	Sea bass	69
	Hiroshima City	14	Hiroshima Bay	Sea bass	180
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	960
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	31
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	580
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	75
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	300
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	29,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	1,500
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	120,000
				Egg of Great Cormorant (Egg white)	10
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	430,000
				Egg of Great Cormorant (Egg white)	82

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-9] Nonachlorobiphenyls/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 18/21 (Missing value : 0)
Detection Frequency (sample) : 18/21 (Missing value : 0)
Detection limit : 0.7
Quantification limit : 1.7

	Aggregated value
Geometric mean	13
Median	13
Maximum	2,800
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	0/3	16/16	2/2
Detection Frequency (sample)	0/3	16/16	2/2
Geometric mean	nd	15	990
Median	nd	15	---
Maximum	nd	160	2,800
Minimum	nd	2.5	350

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	nd
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	11
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	3.5
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	5.0
	Tokyo Met.	7	Tokyo Bay	Sea bass	17
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	20
	Nagoya City	9	Nagoya Port	Striped mullet	13
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	19
	Osaka Pref.	11	Osaka Bay	Sea bass	29
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	160
	Tottori Pref.	13	Nakaumi	Sea bass	5.5
	Hiroshima City	14	Hiroshima Bay	Sea bass	11
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	69
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	2.5
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	37
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	4.9
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	56
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	2,800
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	350
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	14,000
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	28,000
				Egg of Great Cormorant (Egg white)	4.7

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[1-10] Decachlorobiphenyl/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 19/21 (Missing value : 0)
Detection Frequency (sample) : 19/21 (Missing value : 0)
Detection limit : 0.6
Quantification limit : 1.5

	Aggregated value
Geometric mean	6.3
Median	5.7
Maximum	1,700
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	16/16	2/2
Detection Frequency (sample)	1/3	16/16	2/2
Geometric mean	nd	5.7	690
Median	nd	6.2	---
Maximum	tr(1.2)	37	1,700
Minimum	nd	tr(1.3)	280

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	tr(1.2)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	3.2
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	2.6
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	5.7
	Tokyo Met.	7	Tokyo Bay	Sea bass	10
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	13
	Nagoya City	9	Nagoya Port	Striped mullet	4.3
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	7.4
	Osaka Pref.	11	Osaka Bay	Sea bass	6.7
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	37
	Tottori Pref.	13	Nakaumi	Sea bass	2.9
	Hiroshima City	14	Hiroshima Bay	Sea bass	3.3
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	14
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(1.4)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	15
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(1.3)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	6.6
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	1,700
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	280
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	4,200
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	23,000
				Egg of Great Cormorant (Egg white)	3.5

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[2] HCB (Hexachlorobenzene) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 0.4
Quantification limit : 1.2

	Aggregated value
Geometric mean	62
Median	53
Maximum	4,400
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	3.4	64	3,600
Median	9.5	54	---
Maximum	20	580	4,400
Minimum	nd	6.7	3,000

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	20
	Yokohama City	2	Yokohama Port	Green mussel	nd
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	9.5
Fish	Iwate Pref.	4	Yamada Bay	Greenling	67
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	6.7
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	430
	Tokyo Met.	7	Tokyo Bay	Sea bass	32
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	91
	Nagoya City	9	Nagoya Port	Striped mullet	50
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	580
	Osaka Pref.	11	Osaka Bay	Sea bass	53
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	86
	Tottori Pref.	13	Nakaumi	Sea bass	51
	Hiroshima City	14	Hiroshima Bay	Sea bass	22
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	130
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	56
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	110
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	32
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	38
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	4,400
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	3,000
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	47,000
				Egg of Great Cormorant (Egg white)	53
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	79,000
				Egg of Great Cormorant (Egg white)	57

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[15] Perfluorooctane sulfonic acid (PFOS) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 20/21 (Missing value : 0)
Detection Frequency (sample) : 20/21 (Missing value : 0)
Detection limit : 3
Quantification limit : 6

	Aggregated value
Geometric mean	250
Median	310
Maximum	36,000
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	16/16	2/2
Detection Frequency (sample)	2/3	16/16	2/2
Geometric mean	11	300	6,600
Median	8	380	---
Maximum	120	11,000	36,000
Minimum	nd	15	1,200

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	120
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	8
Fish	Iwate Pref.	4	Yamada Bay	Greenling	15
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	23
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	660
	Tokyo Met.	7	Tokyo Bay	Sea bass	720
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	1,200
	Nagoya City	9	Nagoya Port	Striped mullet	190
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	11,000
	Osaka Pref.	11	Osaka Bay	Sea bass	610
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	570
	Tottori Pref.	13	Nakaumi	Sea bass	460
	Hiroshima City	14	Hiroshima Bay	Sea bass	310
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	250
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	220
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	940
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	170
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	23
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	36,000
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	1,200
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	59,000
				Egg of Great Cormorant (Egg white)	61
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	130,000
				Egg of Great Cormorant (Egg white)	270

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[16] Perfluorooctanoic acid (PFOA) /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 3
Quantification limit : 8

	Aggregated value
Geometric mean	13
Median	10
Maximum	930
Minimum	tr(3)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	14	8	300
Median	14	8	---
Maximum	23	28	930
Minimum	9	tr(3)	100

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	9
	Yokohama City	2	Yokohama Port	Green mussel	14
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	23
Fish	Iwate Pref.	4	Yamada Bay	Greenling	27
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	28
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	17
	Tokyo Met.	7	Tokyo Bay	Sea bass	tr(5)
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(5)
	Nagoya City	9	Nagoya Port	Striped mullet	10
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	22
	Osaka Pref.	11	Osaka Bay	Sea bass	tr(5)
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(3)
	Tottori Pref.	13	Nakaumi	Sea bass	11
	Hiroshima City	14	Hiroshima Bay	Sea bass	tr(3)
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	11
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(5)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	9
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	8
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(5)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	930
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	100
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	2,000
				Egg of Great Cormorant (Egg white)	tr(5)
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,800
				Egg of Great Cormorant (Egg white)	15

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[17] Pentachlorobenzene/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 0.4
Quantification limit : 1.0

	Aggregated value
Geometric mean	16
Median	13
Maximum	520
Minimum	1.0

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	4.6	13	380
Median	4.8	15	---
Maximum	6.5	58	520
Minimum	3.2	1.0	280

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	6.5
	Yokohama City	2	Yokohama Port	Green mussel	3.2
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	4.8
Fish	Iwate Pref.	4	Yamada Bay	Greenling	11
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	1.0
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	37
	Tokyo Met.	7	Tokyo Bay	Sea bass	8.6
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	26
	Nagoya City	9	Nagoya Port	Striped mullet	58
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	49
	Osaka Pref.	11	Osaka Bay	Sea bass	22
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	13
	Tottori Pref.	13	Nakaumi	Sea bass	17
	Hiroshima City	14	Hiroshima Bay	Sea bass	4.0
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	37
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	5.5
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	24
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	3.6
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	11
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	520
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	280
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	4,400
				Egg of Great Cormorant (Egg white)	3.6
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	38,000
				Egg of Great Cormorant (Egg white)	24

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.

[23] Short-chain chlorinated paraffins/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 7/21 (Missing value : 0)
Detection Frequency (sample) : 7/21 (Missing value : 0)
Detection limit : *1,100
Quantification limit : *2,700

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(2,400)
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	3/16	2/2
Detection Frequency (sample)	2/3	3/16	2/2
Geometric mean	tr(1,200)	nd	tr(1,800)
Median	tr(1,600)	nd	---
Maximum	tr(1,800)	tr(1,700)	tr(2,400)
Minimum	nd	nd	tr(1,400)

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(1,600)
	Yokohama City	2	Yokohama Port	Green mussel	tr(1,800)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(1,700)
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(1,300)
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	nd
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(1,100)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	nd
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	nd
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	tr(1,400)
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	tr(2,400)
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	15,000
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	11,000
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected
(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each substance with the same number of carbons in the alkyl group.

[23-1] Chlorinated decanes/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 4/21 (Missing value : 0)
Detection Frequency (sample) : 4/21 (Missing value : 0)
Detection limit : 200
Quantification limit : 400

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(290)
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	2/16	1/2
Detection Frequency (sample)	1/3	2/16	1/2
Geometric mean	nd	nd	nd
Median	nd	nd	---
Maximum	tr(280)	tr(290)	tr(200)
Minimum	nd	nd	nd

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	tr(280)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(290)
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(240)
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	nd
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	nd
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	nd
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	tr(200)
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	nd
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	2,000
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,700
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[23-2] Chlorinated undecanes/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 8/21 (Missing value : 0)
Detection Frequency (sample) : 8/21 (Missing value : 0)
Detection limit : 300
Quantification limit : 700

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(590)
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	3/16	2/2
Detection Frequency (sample)	3/3	3/16	2/2
Geometric mean	tr(420)	nd	tr(430)
Median	tr(470)	nd	---
Maximum	tr(490)	tr(550)	tr(590)
Minimum	tr(330)	nd	tr(320)

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(470)
	Yokohama City	2	Yokohama Port	Green mussel	tr(490)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	tr(330)
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(550)
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(380)
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	nd
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	nd
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(300)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	nd
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	tr(320)
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	tr(590)
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	3,700
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,000
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[23-3] Chlorinated dodecanes/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 9/21 (Missing value : 0)
Detection Frequency (sample) : 9/21 (Missing value : 0)
Detection limit : 300
Quantification limit : 800

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(660)
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	5/16	2/2
Detection Frequency (sample)	2/3	5/16	2/2
Geometric mean	tr(320)	nd	tr(490)
Median	tr(400)	nd	---
Maximum	tr(540)	tr(510)	tr(660)
Minimum	nd	nd	tr(360)

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(540)
	Yokohama City	2	Yokohama Port	Green mussel	tr(400)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(480)
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(340)
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	nd
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(510)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	nd
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(350)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(360)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	tr(360)
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	tr(660)
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	3,900
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,900
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[23-4] Chlorinated tridecanes/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 11/21 (Missing value : 0)
Detection Frequency (sample) : 11/21 (Missing value : 0)
Detection limit : 300
Quantification limit : 800

	Aggregated value
Geometric mean	nd
Median	tr(320)
Maximum	1,100
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	2/3	7/16	2/2
Detection Frequency (sample)	2/3	7/16	2/2
Geometric mean	tr(390)	nd	tr(770)
Median	tr(620)	nd	---
Maximum	tr(640)	tr(570)	1,100
Minimum	nd	nd	tr(540)

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	tr(620)
	Yokohama City	2	Yokohama Port	Green mussel	tr(640)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	tr(380)
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(320)
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	tr(360)
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	tr(570)
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	tr(330)
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	tr(390)
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(340)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	tr(540)
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	1,100
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	5,100
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	4,100
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[25] Perfluorohexane sulfonic acid (PFHxS)/wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 11/21 (Missing value : 0)
Detection Frequency (sample) : 11/21 (Missing value : 0)
Detection limit : 3
Quantification limit : 7

	Aggregated value
Geometric mean	tr(4)
Median	tr(5)
Maximum	180
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	0/3	9/16	2/2
Detection Frequency (sample)	0/3	9/16	2/2
Geometric mean	nd	tr(4)	130
Median	nd	tr(5)	---
Maximum	nd	14	180
Minimum	nd	nd	94

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	nd
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	tr(5)
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	tr(5)
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	14
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	tr(5)
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	tr(5)
	Tottori Pref.	13	Nakaumi	Sea bass	8
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	9
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	10
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	tr(6)
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	180
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	94
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	1,900
				Egg of Great Cormorant (Egg white)	tr(4)
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,700
				Egg of Great Cormorant (Egg white)	17

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[26] Methoxychlor /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 0/21 (Missing value : 0)
Detection Frequency (sample) : 0/21 (Missing value : 0)
Detection limit : 4
Quantification limit : 10

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	0/3	0/16	0/2
Detection Frequency (sample)	0/3	0/16	0/2
Geometric mean	nd	nd	nd
Median	nd	nd	---
Maximum	nd	nd	nd
Minimum	nd	nd	nd

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	nd
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	nd
	Tokyo Met.	7	Tokyo Bay	Sea bass	nd
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	nd
	Nagoya City	9	Nagoya Port	Striped mullet	nd
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	nd
	Osaka Pref.	11	Osaka Bay	Sea bass	nd
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	nd
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	nd
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	nd
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	nd
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	nd
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	nd
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	nd
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	nd
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	nd
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) nd : Not detected

[27] Dechlorane pluses /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 14/21 (Missing value : 0)
Detection Frequency (sample) : 14/21 (Missing value : 0)
Detection limit : *1
Quantification limit : *3

	Aggregated value
Geometric mean	4
Median	4
Maximum	260
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	11/16	2/2
Detection Frequency (sample)	1/3	11/16	2/2
Geometric mean	tr(1)	3	77
Median	nd	4	---
Maximum	7	80	260
Minimum	nd	nd	23

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	7
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(2)
	Tokyo Met.	7	Tokyo Bay	Sea bass	8
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	6
	Nagoya City	9	Nagoya Port	Striped mullet	80
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	4
	Osaka Pref.	11	Osaka Bay	Sea bass	7
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	19
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	4
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	36
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	6
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	4
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	260
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	23
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	2,600
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	2,500
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected
(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

[27-1] *anti* -Dechlorane plus /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 14/21 (Missing value : 0)
Detection Frequency (sample) : 14/21 (Missing value : 0)
Detection limit : 0.8
Quantification limit : 2.0

	Aggregated value
Geometric mean	2.6
Median	2.4
Maximum	160
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	11/16	2/2
Detection Frequency (sample)	1/3	11/16	2/2
Geometric mean	tr(1.0)	2.2	51
Median	nd	2.4	---
Maximum	5.4	51	160
Minimum	nd	nd	16

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	5.4
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(1.1)
	Tokyo Met.	7	Tokyo Bay	Sea bass	4.6
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	3.8
	Nagoya City	9	Nagoya Port	Striped mullet	51
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	tr(1.8)
	Osaka Pref.	11	Osaka Bay	Sea bass	3.7
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	11
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	2.3
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	22
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	3.5
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	2.4
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	160
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	16
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	1,600
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,300
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[27-2] *syn* -Dechlorane plus /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 14/21 (Missing value : 0)
Detection Frequency (sample) : 14/21 (Missing value : 0)
Detection limit : 0.5
Quantification limit : 1.2

	Aggregated value
Geometric mean	1.6
Median	1.5
Maximum	100
Minimum	nd

	Bibalves	Fish	Birds
Detection Frequency (site)	1/3	11/16	2/2
Detection Frequency (sample)	1/3	11/16	2/2
Geometric mean	nd	1.5	27
Median	nd	1.6	---
Maximum	tr(1.1)	29	100
Minimum	nd	nd	7.3

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	nd
	Yokohama City	2	Yokohama Port	Green mussel	tr(1.1)
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	nd
Fish	Iwate Pref.	4	Yamada Bay	Greenling	nd
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	nd
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(0.8)
	Tokyo Met.	7	Tokyo Bay	Sea bass	3.5
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	2.5
	Nagoya City	9	Nagoya Port	Striped mullet	29
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	1.8
	Osaka Pref.	11	Osaka Bay	Sea bass	3.1
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	7.3
	Tottori Pref.	13	Nakaumi	Sea bass	nd
	Hiroshima City	14	Hiroshima Bay	Sea bass	1.5
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	14
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	nd
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	2.8
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	nd
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	1.3
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	100
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	7.3
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	1,000
				Egg of Great Cormorant (Egg white)	nd
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	1,200
				Egg of Great Cormorant (Egg white)	nd

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.
(Note 4) nd : Not detected

[28] UV-328 /wildlife (pg/g-wet)

Monitored year : 2024
Detection Frequency (site) : 21/21 (Missing value : 0)
Detection Frequency (sample) : 21/21 (Missing value : 0)
Detection limit : 6
Quantification limit : 20

	Aggregated value
Geometric mean	98
Median	66
Maximum	900
Minimum	tr(17)

	Bibalves	Fish	Birds
Detection Frequency (site)	3/3	16/16	2/2
Detection Frequency (sample)	3/3	16/16	2/2
Geometric mean	79	100	91
Median	66	66	---
Maximum	240	900	230
Minimum	31	tr(17)	36

	Local communities	No.	Monitored sites	Wildlife species	Measured value
Bibalves	Iwate Pref.	1	Yamada Bay	Blue mussel	66
	Yokohama City	2	Yokohama Port	Green mussel	240
	Ishikawa Pref.	3	Coast of Noto Peninsula	Blue mussel	31
Fish	Iwate Pref.	4	Yamada Bay	Greenling	35
	Miyagi Pref.	5	Sendai Bay (Matsushima Bay)	Greenling	37
	Ibaraki Pref.	6	Offshore of Joban	Chub mackerel	tr(17)
	Tokyo Met.	7	Tokyo Bay	Sea bass	230
	Kawasaki City	8	Offshore of Ogishima Island, Port of Kawasaki	Sea bass	410
	Nagoya City	9	Nagoya Port	Striped mullet	330
	Shiga Pref.	10	Lake Biwa, Riv. Ado	Dace	64
	Osaka Pref.	11	Osaka Bay	Sea bass	400
	Hyogo Pref.	12	Offshore of Himeji	Sea bass	900
	Tottori Pref.	13	Nakaumi	Sea bass	110
	Hiroshima City	14	Hiroshima Bay	Sea bass	66
	Kagawa Pref.	15	Takamatsu Port	Striped mullet	310
	Kochi Pref.	16	Mouth of Riv. Shimanto (Shimanto City)	Sea bass	29
	Oita Pref.	17	Mouth of Riv. Oita (Oita City)	Spanish mackerel	42
	Kagoshima Pref.	18	West Coast of Satsuma Peninsula	Sea bass	56
	Okinawa Pref.	19	Nakagusuku Bay	Okinawa seabeam	67
Birds	Shiga Pref.	1	Tikubushima Island, Lake Biwa	Great Cormorant	230
	Tottori Pref.	2	Riv.Tenjin (Kurayoshi City)	Great Cormorant	36
	Yamanashi Pref.	Reference value	Left bank upstream of Toyozumi Bridge, Riv. Fuefuki (Chuo City)	Egg of Great Cormorant (Egg yolk)	5,100
				Egg of Great Cormorant (Egg white)	tr(8)
	Hyogo Pref.		Koya Pond (Itami City)	Egg of Great Cormorant (Egg yolk)	4,500
				Egg of Great Cormorant (Egg white)	tr(10)

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) tr : Detection limit value and more, less than Quantification limit value.

[1] Total Polychlorinated biphenyls (Total PCBs)/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : *0.8
Quantification limit : *2.0

	Aggregated value
Geometric mean	44
Median	45
Maximum	170
Minimum	7.7

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	12	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	22	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	58	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	9.5	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	71	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	84	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	40	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	35	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	170	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	50	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	7.7	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	120	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	83	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	52	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	69	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	23	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	150	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	44	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	46	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	160	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	42	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	41	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	32	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	24	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	95	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	15	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	11	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	90	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	140	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	100	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	56	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	19	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	41	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	45	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	27	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

[1-1] Monochlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 33/35 (Missing value : 0)
Detection Frequency (sample) : 33/35 (Missing value : 0)
Detection limit : 0.09
Quantification limit : 0.20

	Aggregated value
Geometric mean	3.8
Median	4.8
Maximum	16
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	3.9	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	2.6	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	2.8	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	3.5	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	10	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	4.6	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	1.5	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	7.3	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	9.9	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	nd	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	11	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	2.6	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	5.2	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	5.2	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	2.0	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	12	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	12	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	4.8	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	2.8	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	16	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	8.6	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	9.7	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	2.4	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	9.2	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	2.1	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	1.1	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	9.6	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	11	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	4.1	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	6.5	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	6.3	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	4.2	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	5.5	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	2.0	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-2] Dichlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.2
Quantification limit : 0.4

	Aggregated value
Geometric mean	19
Median	18
Maximum	47
Minimum	7.3

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	8.2	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	9.2	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	26	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	9.4	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	32	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	32	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	18	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	16	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	47	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	23	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	7.3	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	36	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	32	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	16	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	20	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	17	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	47	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	13	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	14	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	30	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	22	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	18	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	18	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	8.2	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	24	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	13	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	9.4	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	27	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	46	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	38	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	21	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	12	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	18	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	15	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	12	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

[1-3] Trichlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 29/35 (Missing value : 0)
Detection Frequency (sample) : 29/35 (Missing value : 0)
Detection limit : 0.06
Quantification limit : 0.20

	Aggregated value
Geometric mean	4.6
Median	10
Maximum	48
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	5.7	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	12	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	17	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	23	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	9.6	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	10	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	39	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	9.1	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	28	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	20	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	13	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	19	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	3.3	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	48	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	11	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	13	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	39	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	2.9	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	5.8	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	3.4	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	7.0	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	21	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	25	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	38	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	26	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	16	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	9.6	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	9.5	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	7.6	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-4] Tetrachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 29/35 (Missing value : 0)
Detection Frequency (sample) : 29/35 (Missing value : 0)
Detection limit : 0.09
Quantification limit : 0.20

	Aggregated value
Geometric mean	3.1
Median	5.8
Maximum	45
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	2.7	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	8.8	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	8.9	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	12	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	5.5	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	4.5	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	40	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	6.1	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	24	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	17	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	7.2	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	14	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	0.79	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	22	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	4.8	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	7.8	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	45	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	0.54	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	4.8	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	1.1	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	3.7	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	18	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	15	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	27	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	15	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	7.5	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	4.9	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	5.8	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	3.7	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-4-1] 3,3',4,4'-Tetrachlorobiphenyl (#77) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 28/35 (Missing value : 0)
Detection Frequency (sample) : 28/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.04

	Aggregated value
Geometric mean	0.04
Median	0.04
Maximum	0.31
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	0.07	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.05	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	0.06	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.03)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	0.04	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.31	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.03)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.02)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.15	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	0.09	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	0.04	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	0.09	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.17	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(0.02)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	0.04	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.28	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	0.06	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.03)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.02)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	0.05	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.15	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	0.08	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.11	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.09	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	0.05	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	tr(0.02)	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.05	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	tr(0.02)	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-4-2] 3,4,4',5-Tetrachlorobiphenyl (#81) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 4/35 (Missing value : 0)
Detection Frequency (sample) : 4/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.05

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.03)
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	tr(0.02)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	nd	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	tr(0.02)	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	tr(0.02)	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(0.03)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	nd	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	nd	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-5] Pentachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 26/35 (Missing value : 0)
Detection Frequency (sample) : 26/35 (Missing value : 0)
Detection limit : 0.1
Quantification limit : 0.3

	Aggregated value
Geometric mean	1.6
Median	2.5
Maximum	32
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	1.6	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	5.9	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	5.4	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	4.6	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	1.1	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	2.1	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	23	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	1.7	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	14	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	7.9	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	8.0	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	7.7	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	14	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	2.1	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	4.4	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	32	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	2.0	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	2.0	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	16	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	8.8	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	15	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	11	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	3.4	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	2.5	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	4.2	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	1.2	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-5-1] 2,3,3',4,4'-Pentachlorobiphenyl (#105) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 26/35 (Missing value : 0)
Detection Frequency (sample) : 26/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.05

	Aggregated value
Geometric mean	0.07
Median	0.08
Maximum	0.84
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	tr(0.02)	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	0.12	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.11	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	0.11	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.03)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	0.08	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.72	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	0.05	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.46	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	0.20	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	0.18	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	0.22	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.81	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(0.04)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	0.10	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.84	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.03)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	0.06	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.47	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	0.23	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.36	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.31	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	0.09	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	0.06	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.12	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	tr(0.03)	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-5-2] 2,3,4,4',5-Pentachlorobiphenyl (#114) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 14/35 (Missing value : 0)
Detection Frequency (sample) : 14/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.04

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	0.08
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.07	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.02)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.05	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(0.02)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(0.02)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.02)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.06	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.08	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.02)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.05	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(0.02)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.04	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	tr(0.03)	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.02)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-5-3] 2,3',4,4',5-Pentachlorobiphenyl (#118) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 26/35 (Missing value : 0)
Detection Frequency (sample) : 26/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.05

	Aggregated value
Geometric mean	0.15
Median	0.18
Maximum	2.5
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	0.08	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	0.36	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.34	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	0.32	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	0.13	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	0.18	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	2.0	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	0.15	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	1.2	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	0.56	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	0.61	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	0.60	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	1.8	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	0.13	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	0.29	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	2.5	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	0.11	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	0.16	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	1.3	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	0.68	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	1.2	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.89	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	0.26	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	0.17	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.32	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	0.05	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-5-4] 2',3,4,4',5-Pentachlorobiphenyl (#123) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 3/35 (Missing value : 0)
Detection Frequency (sample) : 3/35 (Missing value : 0)
Detection limit : 0.04
Quantification limit : 0.10

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.06)
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	tr(0.05)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	nd	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	tr(0.04)	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	tr(0.06)	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	nd	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	nd	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-5-5] 3,3',4,4',5-Pentachlorobiphenyl (#126) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 5/35 (Missing value : 0)
Detection Frequency (sample) : 5/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.04

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.03)
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	tr(0.02)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.02)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(0.02)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	tr(0.02)	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	nd	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(0.03)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	nd	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-6] Hexachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 26/35 (Missing value : 0)
Detection Frequency (sample) : 26/35 (Missing value : 0)
Detection limit : 0.04
Quantification limit : 0.10

	Aggregated value
Geometric mean	0.6
Median	1.2
Maximum	11
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	0.53	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	1.9	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	3.0	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	1.6	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	0.18	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	0.96	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	9.1	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	0.21	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	6.1	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	3.1	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	2.4	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	2.7	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	8.0	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	0.79	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	1.5	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	11	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	0.97	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	0.78	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	5.9	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	4.1	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	5.8	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	4.7	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	1.5	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	1.2	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	3.1	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	0.48	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-6-1] 2,3,3',4,4',5-Hexachlorobiphenyl (#156) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 14/35 (Missing value : 0)
Detection Frequency (sample) : 14/35 (Missing value : 0)
Detection limit : 0.03
Quantification limit : 0.07

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	0.21
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.09	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.03)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.07	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(0.03)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.03)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.21	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.13	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.03)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.08	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(0.04)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	tr(0.05)	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	tr(0.05)	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.03)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	tr(0.03)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-6-2] 2,3,3',4,4',5'-Hexachlorobiphenyl (#157) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 6/35 (Missing value : 0)
Detection Frequency (sample) : 6/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.04

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	0.05
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	tr(0.03)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(0.02)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.05	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	tr(0.03)	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(0.02)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	tr(0.02)	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-6-3] 2,3',4,4',5,5'-Hexachlorobiphenyl (#167) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 25/35 (Missing value : 0)
Detection Frequency (sample) : 25/35 (Missing value : 0)
Detection limit : 0.01
Quantification limit : 0.03

	Aggregated value
Geometric mean	tr(0.01)
Median	tr(0.01)
Maximum	0.07
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	tr(0.01)	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	tr(0.01)	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	tr(0.01)	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	tr(0.01)	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.04	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.01)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.01)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.04	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(0.01)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(0.01)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.02)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	tr(0.01)	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.07	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(0.01)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.05	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(0.01)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.01)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.01)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.03	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(0.02)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.03	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	tr(0.02)	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.01)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	tr(0.01)	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	tr(0.01)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-6-4] 3,3',4,4',5,5'-Hexachlorobiphenyl (#169) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 3/35 (Missing value : 0)
Detection Frequency (sample) : 3/35 (Missing value : 0)
Detection limit : 0.01
Quantification limit : 0.04

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	tr(0.01)
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.01)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(0.01)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	nd	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	nd	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(0.01)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	nd	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-7] Heptachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 34/35 (Missing value : 0)
Detection Frequency (sample) : 34/35 (Missing value : 0)
Detection limit : 0.1
Quantification limit : 0.4

	Aggregated value
Geometric mean	tr(0.3)
Median	tr(0.3)
Maximum	1.8
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	tr(0.1)	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	tr(0.3)	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	tr(0.1)	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	1.0	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	tr(0.3)	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	0.4	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	tr(0.2)	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	1.5	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.3)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.3)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	1.0	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	0.5	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(0.2)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.3)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	tr(0.2)	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	1.7	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(0.2)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(0.2)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	1.8	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(0.2)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	0.6	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.2)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	tr(0.1)	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.9	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	tr(0.1)	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	tr(0.1)	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	0.9	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	1.2	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.9	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	0.4	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	tr(0.1)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	tr(0.2)	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	1.4	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	tr(0.1)	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-7-1] 2,2',3,3',4,4',5-Heptachlorobiphenyl (#170) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 17/35 (Missing value : 0)
Detection Frequency (sample) : 17/35 (Missing value : 0)
Detection limit : 0.03
Quantification limit : 0.07

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	0.2
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.08	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.05)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.11	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.03)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.04)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.08	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(0.03)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.03)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.20	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.16	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.04)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.07	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(0.05)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.08	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	tr(0.06)	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.04)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.10	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-7-2] 2,2',3,4,4',5,5'-Heptachlorobiphenyl (#180) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 23/35 (Missing value : 0)
Detection Frequency (sample) : 23/35 (Missing value : 0)
Detection limit : 0.03
Quantification limit : 0.08

	Aggregated value
Geometric mean	tr(0.05)
Median	tr(0.04)
Maximum	0.35
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	tr(0.05)	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.15	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	tr(0.03)	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.06)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	tr(0.03)	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.25	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.04)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.04)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.13	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(0.06)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(0.03)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(0.05)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.35	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.27	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(0.03)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	0.08	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.04)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.13	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	0.12	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.19	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.14	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.05)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.25	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-7-3] 2,3,3',4,4',5,5'-Heptachlorobiphenyl (#189) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 0/35 (Missing value : 0)
Detection Frequency (sample) : 0/35 (Missing value : 0)
Detection limit : 0.03
Quantification limit : 0.07

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	nd
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	nd	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	nd	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	nd	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	nd	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	nd	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) nd : Not detected

[1-8] Octachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 15/35 (Missing value : 0)
Detection Frequency (sample) : 15/35 (Missing value : 0)
Detection limit : 0.05
Quantification limit : 0.10

	Aggregated value
Geometric mean	nd
Median	nd
Maximum	0.24
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	0.12	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	tr(0.05)	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.05)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	0.19	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.06)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.05)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	0.16	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	0.24	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	nd	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	0.24	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.06)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	0.12	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(0.08)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	0.15	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	0.11	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	nd	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	0.21	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-9] Nonachlorobiphenyls/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 18/35 (Missing value : 0)
Detection Frequency (sample) : 18/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.06

	Aggregated value
Geometric mean	nd
Median	tr(0.02)
Maximum	tr(0.05)
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	nd	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	nd	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(0.02)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	tr(0.02)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.02)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.03)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(0.05)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(0.04)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	tr(0.03)	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(0.02)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	tr(0.05)	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.03)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.02)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	nd	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(0.03)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	tr(0.02)	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	tr(0.03)	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	tr(0.02)	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.02)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	tr(0.03)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	tr(0.02)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[1-10] Decachlorobiphenyl/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 21/35 (Missing value : 0)
Detection Frequency (sample) : 21/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.06

	Aggregated value
Geometric mean	tr(0.02)
Median	tr(0.02)
Maximum	0.1
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	nd	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	nd	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	tr(0.02)	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	0.06	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	0.07	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	nd	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(0.02)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(0.02)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(0.02)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	nd	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	0.10	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	nd	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	nd	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	tr(0.02)	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(0.03)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	0.07	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	tr(0.03)	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(0.02)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(0.03)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(0.02)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	tr(0.02)	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(0.03)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	0.07	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	0.08	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	tr(0.02)	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	nd	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(0.02)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	0.07	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	nd	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	nd	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	nd	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[2] HCB (Hexachlorobenzene) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.04
Quantification limit : 0.10

	Aggregated value
Geometric mean	96
Median	100
Maximum	120
Minimum	67

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	67	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	83	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	110	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	70	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	100	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	110	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	81	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	91	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	100	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	86	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	70	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	94	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	110	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	96	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	110	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	81	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	110	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	100	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	100	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	110	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	75	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	110	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	75	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	100	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	110	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	100	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	110	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	110	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	120	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	100	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	110	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	99	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	120	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	99	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	98	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

[15] Perfluorooctane sulfonic acid (PFOS) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.2
Quantification limit : 0.5

	Aggregated value
Geometric mean	3.5
Median	3.7
Maximum	7.1
Minimum	1.1

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	4.7	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	3.4	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	2.7	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	5.0	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	4.8	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	5.9	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	5.6	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	6.8	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	5.1	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	5.1	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	2.9	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	1.6	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	2.7	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	2.3	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	5.4	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	2.9	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	5.8	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	1.4	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	1.7	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	2.2	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	1.9	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	2.4	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	1.7	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	1.8	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	2.0	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	6.9	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	6.6	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	3.7	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	6.5	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	3.5	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	5.8	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	1.1	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	7.1	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	4.7	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	5.6	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Data treated as detected means detection limit value and more.

(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

(Note 4) When the concentrations of samples collected with these two types of samplers at the same location and time were compared, the concentration of the samples collected with the medium-volume air sampler was approximately 2.5 times higher than that of the samples collected with the high volume air sampler.
The reason for this is thought to be that some of the precursor substances collected along with Perfluorooctane sulfonic acid (PFOS) were converted to Perfluorooctane sulfonic acid (PFOS) during sampling, and that more precursor substances were converted with the medium volume air sampler, which had a longer sampling time, but this has not yet been scientifically proven.

[16] Perfluorooctanoic acid (PFOA) /air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.2
Quantification limit : 0.5

	Aggregated value
Geometric mean	8.0
Median	8.2
Maximum	31
Minimum	3.5

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	7.3	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	3.8	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	5.6	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	9.7	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	3.7	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	20	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	12	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	5.7	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	26	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	12	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	3.8	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	9.8	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	8.0	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	5.0	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	8.9	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	8.6	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	22	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	3.5	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	5.4	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	31	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	5.3	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	10	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	5.9	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	5.1	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	10	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	8.2	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	12	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	12	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	14	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	7.1	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	10	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	3.6	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	9.2	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	4.6	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	3.8	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Data treated as detected means detection limit value and more.

(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

(Note 4) When the concentrations of samples collected with these two types of samplers at the same location and time were compared, the concentration of the samples collected with the medium-volume air sampler was approximately 1.5 times higher than that of the samples collected with the high volume air sampler.
The reason for this is thought to be that some of the precursor substances collected along with Perfluorooctanoic acid (PFOA) were converted to Perfluorooctanoic acid (PFOA) during sampling, and that more precursor substances were converted with the medium volume air sampler, which had a longer sampling time, but this has not yet been scientifically proven.

[17] Pentachlorobenzene/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.02
Quantification limit : 0.06

	Aggregated value
Geometric mean	55
Median	56
Maximum	87
Minimum	37

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	39	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	43	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	52	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	37	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	51	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	71	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	60	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	40	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	53	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	60	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	45	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	87	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	56	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	53	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	56	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	61	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	76	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	58	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	56	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	50	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	65	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	71	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	52	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	42	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	80	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	58	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	60	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	67	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	69	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	51	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	58	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	52	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	53	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	53	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	38	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

[21] Hexachlorobuta-1,3-diene/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 105/105 (Missing value : 0)
Detection limit : 20
Quantification limit : 60

	Aggregated value
Geometric mean	2,300
Median	2,200
Maximum	3,500
Minimum	1,200

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/18	2,000	LV
			12/18 ~ 12/19	2,000	
			12/19 ~ 12/20	2,000	
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	1,800	LV
			10/23 ~ 10/24	2,700	
			10/24 ~ 10/25	2,200	
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	2,000	LV
			9/18 ~ 9/19	2,600	
			9/19 ~ 9/20	3,300	
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/18	1,900	LV
			12/18 ~ 12/19	1,900	
			12/19 ~ 12/20	1,800	
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	10/1 ~ 10/2	2,100	LV
			10/2 ~ 10/3	2,200	
			10/3 ~ 10/4	2,200	
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/23	1,900	LV
			10/23 ~ 10/24	2,300	
			10/24 ~ 10/25	3,100	
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/11	2,100	LV
			12/11 ~ 12/12	2,000	
			12/12 ~ 12/13	2,400	
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/9	2,100	LV
			11/9 ~ 11/10	2,000	
			11/10 ~ 11/11	2,000	
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	1,600	LV
			9/10 ~ 9/11	1,600	
			9/11 ~ 9/12	1,200	
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/15	2,500	LV
			1/15 ~ 1/16	2,700	
			1/16 ~ 1/17	1,900	
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	2,000	LV
			12/17 ~ 12/18	2,000	
			12/18 ~ 12/19	2,000	
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	1,800	LV
			9/25 ~ 9/26	1,800	
			9/26 ~ 9/27	1,900	
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	2,900	LV
			9/10 ~ 9/11	1,900	
			9/11 ~ 9/12	1,300	
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	2,100	LV
			11/19 ~ 11/20	2,000	
			11/20 ~ 11/21	2,100	
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/16	2,100	LV
			10/16 ~ 10/17	2,300	
			10/17 ~ 10/18	2,700	
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	2,000	LV
			11/26 ~ 11/27	3,200	
			11/27 ~ 11/28	2,900	
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/16	2,000	LV
			10/16 ~ 10/17	2,100	
			10/17 ~ 10/18	2,100	
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	3,000	LV
			10/29 ~ 10/30	2,700	
			10/30 ~ 10/31	2,200	
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	3,400	LV
			11/6 ~ 11/7	2,200	
			11/7 ~ 11/8	2,100	
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	2,000	LV
			10/9 ~ 10/10	2,400	
			10/10 ~ 10/11	2,200	

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	2,200	LV
			12/10 ~ 12/11	2,200	
			12/11 ~ 12/12	2,100	
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	3,200	LV
			11/27 ~ 11/28	2,700	
			11/28 ~ 11/29	2,800	
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	2,300	LV
			12/10 ~ 12/11	2,100	
			12/11 ~ 12/12	2,000	
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	3,400	LV
			11/14 ~ 11/15	2,500	
			11/15 ~ 11/16	2,200	
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	3,100	LV
			10/30 ~ 10/31	2,400	
			10/31 ~ 11/1	2,600	
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 11/27	2,700	LV
			11/27 ~ 11/28	2,600	
			11/28 ~ 11/29	3,200	
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 11/27	3,500	LV
			11/27 ~ 11/28	2,700	
			11/28 ~ 11/29	3,100	
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	3,300	LV
			10/29 ~ 10/30	3,200	
			10/30 ~ 10/31	2,200	
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/16	1,900	LV
			10/16 ~ 10/17	2,300	
			10/17 ~ 10/18	3,100	
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	1,900	LV
			10/1 ~ 10/2	1,900	
			10/2 ~ 10/3	2,200	
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/9	2,800	LV
			10/9 ~ 10/10	2,500	
			10/10 ~ 10/11	2,200	
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	2,000	LV
			12/10 ~ 12/11	2,300	
			12/11 ~ 12/12	2,400	
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/16	2,100	LV
			10/16 ~ 10/17	1,900	
			10/17 ~ 10/18	2,200	
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	1,800	LV
			10/29 ~ 10/30	2,400	
			10/30 ~ 10/31	2,300	
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	1,700	LV
			9/24 ~ 9/25	1,800	
			9/25 ~ 9/26	1,800	

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) LV: Low volume air sampler

[23] Short-chain chlorinated paraffins/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 30/35 (Missing value : 0)
Detection Frequency (sample) : 30/35 (Missing value : 0)
Detection limit : *350
Quantification limit : *970

	Aggregated value
Geometric mean	tr(880)
Median	1,000
Maximum	6,400
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	tr(700)	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	1,400	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	1,600	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	1,500	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(660)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	1,500	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	3,500	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(690)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	2,100	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	1,600	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(490)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	1,200	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	2,100	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	2,600	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(710)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(740)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	1,900	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(560)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	tr(350)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	tr(760)	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	1,400	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	tr(440)	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	tr(350)	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	1,300	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	6,400	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	2,500	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(840)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	1,800	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	1,200	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	1,000	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected
(Note 6) * : Indicates the sum value of the Quantification [Detection] limits of each substance with the same number of carbons in the alkyl group.

[23-1] Chlorinated decanes/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 50
Quantification limit : 120

	Aggregated value
Geometric mean	270
Median	290
Maximum	770
Minimum	tr(50)

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	tr(90)	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	200	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	530	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	tr(100)	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	670	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	410	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	210	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	520	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	480	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	280	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	tr(90)	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	680	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	460	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	140	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	410	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	770	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	450	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	160	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	290	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	600	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(60)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	210	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	140	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	240	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	460	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	170	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	150	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	340	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	540	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	730	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	170	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	tr(50)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	290	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	260	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	380	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.

[23-2] Chlorinated undecanes/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 26/35 (Missing value : 0)
Detection Frequency (sample) : 26/35 (Missing value : 0)
Detection limit : 130
Quantification limit : 380

	Aggregated value
Geometric mean	tr(300)
Median	tr(320)
Maximum	4,300
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	tr(230)	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	470	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	530	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	720	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	tr(240)	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	660	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	1,800	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	tr(220)	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	930	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	570	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	nd	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	410	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	810	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	1,200	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(260)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(220)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	660	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	tr(160)	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	tr(240)	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	440	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	410	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	4,300	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	1100	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(280)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	950	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	420	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	tr(320)	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[23-3] Chlorinated dodecanes/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 24/35 (Missing value : 0)
Detection Frequency (sample) : 24/35 (Missing value : 0)
Detection limit : 120
Quantification limit : 360

	Aggregated value
Geometric mean	tr(170)
Median	tr(200)
Maximum	910
Minimum	nd

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	nd	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	tr(160)	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	tr(260)	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	nd	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	tr(280)	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	tr(200)	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	nd	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	tr(190)	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	880	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	nd	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	nd	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	tr(300)	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	tr(350)	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	tr(130)	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	tr(260)	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	tr(300)	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	580	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	tr(170)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	tr(120)	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	430	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	nd	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	tr(150)	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	tr(300)	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	nd	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	nd	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	tr(330)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	910	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	470	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	tr(230)	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	nd	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	tr(340)	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	tr(310)	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	tr(200)	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[23-4] Chlorinated tridecanes/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 50
Quantification limit : 110

	Aggregated value
Geometric mean	160
Median	140
Maximum	640
Minimum	tr(100)

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	tr(100)	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23	110	HV
			10/23 ~ 10/24		
			10/24 ~ 10/25		
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18	160	HV
			9/18 ~ 9/19		
			9/19 ~ 9/20		
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	tr(100)	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	160	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	140	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	140	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	150	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10	370	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	140	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17	110	HV
			12/17 ~ 12/18		
			12/18 ~ 12/19		
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25	160	HV
			9/25 ~ 9/26		
			9/26 ~ 9/27		
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10	240	HV
			9/10 ~ 9/11		
			9/11 ~ 9/12		
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19	110	HV
			11/19 ~ 11/20		
			11/20 ~ 11/21		
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	140	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26	200	HV
			11/26 ~ 11/27		
			11/27 ~ 11/28		
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	350	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29	120	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6	110	HV
			11/6 ~ 11/7		
			11/7 ~ 11/8		
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9	230	HV
			10/9 ~ 10/10		
			10/10 ~ 10/11		

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	tr(100)	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	140	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	110	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	130	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	200	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	130	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	120	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	200	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	640	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	240	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	160	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	120	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	250	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	240	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	150	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Data treated as detected means detection limit value and more.
(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.
(Note 4) tr : Detection limit value and more, less than Quantification limit value.
(Note 5) nd : Not detected

[25] Perfluorohexane sulfonic acid (PFHxS)/air (pg/m^3)

Monitored year : 2024
Detection Frequency (site) : 35/35 (Missing value : 0)
Detection Frequency (sample) : 35/35 (Missing value : 0)
Detection limit : 0.2
Quantification limit : 0.5

	Aggregated value
Geometric mean	2.4
Median	2.2
Maximum	6.1
Minimum	0.7

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hokkaido	1	Oshima General Subprefectural Bureau (Hakodate City)	12/17 ~ 12/24	4.9	MV
Sapporo City	2	Sapporo Art Park (Sapporo City)	10/22 ~ 10/23 10/23 ~ 10/24 10/24 ~ 10/25	1.4	HV
Iwate Pref.	3	Sugo Air Quality Monitoring Station (Takizawa City)	9/17 ~ 9/18 9/18 ~ 9/19 9/19 ~ 9/20	1.7	HV
Miyagi Pref.	4	Miyagi Prefectural Institute of Public Health and Environment (Sendai City)	12/17 ~ 12/24	4.8	MV
Yamagata Pref.	5	Yamagata Institute of Environmental Sciences (Murayama City)	9/30 ~ 10/7	2.2	MV
Ibaraki Pref.	6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	10/22 ~ 10/29	3.2	MV
Tokyo Met.	7	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	12/10 ~ 12/17	3.5	MV
	8	Chichijima Island (Ogasawara Village)	11/8 ~ 11/15	5.4	MV
Kanagawa Pref.	9	Kanagawa Environmental Research Center (Hiratsuka City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	2.7	HV
Yokohama City	10	Yokohama Environmental Science Research Institute (Yokohama City)	1/14 ~ 1/21	4.3	MV
Niigata Pref.	11	Oyama Air Quality Monitoring Station (Niigata City)	12/16 ~ 12/17 12/17 ~ 12/18 12/18 ~ 12/19	1.1	HV
Toyama Pref.	12	Tonami Air Quality Monitoring Station (Tonami City)	9/24 ~ 9/25 9/25 ~ 9/26 9/26 ~ 9/27	1.1	HV
Ishikawa Pref.	13	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	9/9 ~ 9/10 9/10 ~ 9/11 9/11 ~ 9/12	1.7	HV
Yamanashi Pref.	14	Yamanashi Prefectural Institute of Public Health and Environment (Kofu City)	11/18 ~ 11/19 11/19 ~ 11/20 11/20 ~ 11/21	1.1	HV
Nagano Pref.	15	Nagano Environmental Conservation Research Institute (Nagano City)	10/15 ~ 10/22	5.4	MV
Gifu Pref.	16	Gifu Prefectural Research Institute for Health and Environmental Sciences (Kakamigahara City)	11/25 ~ 11/26 11/26 ~ 11/27 11/27 ~ 11/28	1.6	HV
Nagoya City	17	Chikusa Ward Heiwa Park (Nagoya City)	10/15 ~ 10/22	4.0	MV
Mie Pref.	18	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	10/28 ~ 10/29 10/29 ~ 10/30 10/30 ~ 10/31	0.7	HV
Kyoto Prif.	19	Kyoto Prefecture Joyo Senior High School (Joyo City)	11/5 ~ 11/6 11/6 ~ 11/7 11/7 ~ 11/8	1.3	HV
Osaka Pref.	20	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	10/8 ~ 10/9 10/9 ~ 10/10 10/10 ~ 10/11	1.6	HV

Local communities	No.	Monitored sites	Sampling dates	Measured value	Air sampler
Hyogo Pref.	21	Hyogo Prefectural Environmental Research Center (Kobe City)	12/9 ~ 12/10	1.4	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Kobe City	22	Kobe City Institute of Health and Environmental Sciences (Kobe City)	11/26 ~ 11/27	1.4	HV
			11/27 ~ 11/28		
			11/28 ~ 11/29		
Nara Pref.	23	Tenri Air Quality Monitoring Station (Tenri City)	12/9 ~ 12/10	1.4	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Shimane Pref.	24	Oki National Acid Rain Observatory (Okinoshima Town)	11/12 ~ 11/13	1.1	HV
			11/13 ~ 11/14		
			11/14 ~ 11/15		
Hiroshima City	25	Hiroshima City Kokutaiji Junior High School (Hiroshima City)	10/29 ~ 10/30	1.5	HV
			10/30 ~ 10/31		
			10/31 ~ 11/1		
Yamaguchi Pref.	26	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	11/26 ~ 12/3	5.4	MV
	27	Hagi Health and Welfare Center (Hagi City)	11/26 ~ 12/3	6.1	MV
Tokushima Pref.	28	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	10/28 ~ 10/29	2.2	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Kagawa Pref.	29	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	10/15 ~ 10/22	5.4	MV
Ehime Pref.	30	Ehime Prefectural Government Nanyo Regional Office (Uwajima City)	9/30 ~ 10/1	1.8	HV
			10/1 ~ 10/2		
			10/2 ~ 10/3		
Saga Pref.	31	Saga Prefectural Environmental Research Center (Saga City)	10/8 ~ 10/15	5.4	MV
Kumamoto Pref.	32	Kumamoto Prefectural Institute of Public Health and Environmental Science (Udo City)	12/9 ~ 12/10	0.8	HV
			12/10 ~ 12/11		
			12/11 ~ 12/12		
Miyazaki Pref.	33	Miyazaki Prefectural Institute for Public Healthand Environment (Miyazaki City)	10/15 ~ 10/22	5.5	MV
Kagoshima Pref.	34	Kagoshima Prefectural Institute for Environmental Research and Public Health (Kagoshima City)	10/28 ~ 10/29	3.8	HV
			10/29 ~ 10/30		
			10/30 ~ 10/31		
Okinawa Pref.	35	Cape Hedo (Kunigami Village)	9/23 ~ 9/24	3.6	HV
			9/24 ~ 9/25		
			9/25 ~ 9/26		

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Data treated as detected means detection limit value and more.

(Note 3) HV: High volume air sampler , MV: Medium volume air sampler.

(Note 4) When the concentrations of samples collected with these two types of samplers at the same location and time were compared, the concentration of the samples collected with the medium-volume air sampler was approximately 3.5 times higher than that of the samples collected with the high volume air sampler.
The reason for this is thought to be that some of the precursor substances collected along with Perfluorohexane sulfonic acid (PFHxS) were converted to Perfluorohexane sulfonic acid (PFHxS) during sampling, and that more precursor substances were converted with the medium volume air sampler, which had a longer sampling time, but this has not yet been scientifically proven.