

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1] Ethylene glycol monomethyl ether (synonym: 2-Methoxyethanol) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 0/31 (Missing value: 0) Detection Frequency (sample): 0/31 (Missing value: 0) Detection range: nd Detection limit range: 70 ~ 200 Detection limit: 200 Requested detection limit: 1,900	Sendai City	1	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	200
	Akita Pref.	2	Akita Canal (Akita City)	nd	200
	Fukushima Pref.	3	Upstream of the junction with Riv.Omori, Riv. Nigori (Fukushima City)	nd	200
	Gunma Pref.	4	Ninomaru-bashi Bridge, Riv. Tsuruuda (Tatebayashi City)	nd	200
	Saitama Pref.	5	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	200
		6	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	200
		7	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	200
	Saitama City	8	Nakadote-hashii Bridge, Riv. Kamo (Saitama City)	nd	200
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	200
		10	Mouth of Riv. Sumida (Minato Ward)	nd	200
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	200
		12	Yokohama Port	nd	200
		13	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	200
	Kawasaki City	14	Mouth of Riv. Tama (Kawasaki City)	nd	200
		15	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	200
	Shizuoka Pref.	16	Shimizu Port	nd	200
	Aichi Pref.	17	West of Shiomi Wharf, Nagoya Port	nd	200
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	200
	Kyoto Pref.	19	Miyazu Port	nd	70
	Kyoto City	20	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	200
	Osaka Pref.	21	Mouth of Riv. Yamato (Sakai City)	nd	200
	Osaka City	22	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	200
		23	Osaka Port	nd	200
	Nara Pref.	24	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	200
	Wakayama Pref.	25	Front of Fujishiro, Kainan Sea Area, Wakayama Shimotsu Port	nd	200
	Okayama Pref.	26	Offshore of Mizushima	nd	200
	Yamaguchi Pref.	27	Tokuyama Bay	nd	200
	Kagawa Pref.	28	Takamatsu Port	nd	200
	Ehime Pref.	29	Niihama Port	nd	200
	Kitakyushu City	30	Dokai Bay	nd	200
	Fukuoka City	31	Hakata Bay	nd	200

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[3] 4,5-Dichloro-2-octylisothiazol-3(2H)-one Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 2/30 (Missing value: 0) Detection Frequency (sample): 2/30 (Missing value: 0) Detection range: nd ~ 5.8 Detection limit range: 0.26 Detection limit: 0.26 Requested detection limit: 1.1	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.26
		2	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	nd	0.26
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.26
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	5.8	0.26
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	0.26
		6	Mouth of Riv. Sumida (Minato Ward)	nd	0.26
	Yokohama City	7	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.26
		8	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	0.26
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	0.26
		10	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.26
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	nd	0.26
	Toyama Pref.	12	Offshore of Takaoka City, Toyama Bay	nd	0.26
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.26
	Nagano Pref.	14	Lake Suwa (center)	nd	0.26
	Shizuoka Pref.	15	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.26
		16	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	0.26
	Aichi Pref.	17	Kinuura Port	3.0	0.26
	Mie Pref.	18	Toba Port	nd	0.26
	Kyoto Pref.	19	Miyazu Port	nd	0.26
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	nd	0.26
	Nara Pref.	21	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.26
	Wakayama Pref.	22	Offshore of Kushimoto Fishing Port, Kushimoto Sea Area	nd	0.26
	Yamaguchi Pref.	23	Tokuyama Bay	nd	0.26
		24	Offshore of Hagi	nd	0.26
	Kagawa Pref.	25	Offshore of Hiketa Port, Tousan Sea Area	nd	0.26
	Ehime Pref.	26	Sawadu Fishing Port	nd	0.26
		27	Uwajima Port	nd	0.26
	Saga Pref.	28	Imari Bay	nd	0.26
	Kumamoto Pref.	29	Off the west coast of Yokoshima Island, Yatsushiro Sea	nd	0.26
	Kagoshima Pref.	30	Kagoshima Bay	nd	0.26

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-1] Pyrene Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 26/37 (Missing value: 0) Detection Frequency (sample): 26/37 (Missing value: 0) Detection range: nd ~ 20 Detection limit range: 0.17 ~ 0.49 Detection limit: 0.49 Requested detection limit: 4	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.98	0.17
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	*0.37	0.17
	Akita Pref.	3	Akita Canal (Akita City)	1.2	0.17
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	*0.36	0.17
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	*0.31	0.17
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.0	0.17
		7	Mouth of Riv. Sumida (Minato Ward)	1.6	0.17
	Yokohama City	8	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	2.2	0.17
		9	Yokohama Port	0.88	0.17
		10	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	0.98	0.17
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	1.4	0.17
		12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1.7	0.17
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	2.2	0.17
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	1.2	0.17
	Nagano Pref.	15	Lake Suwa (center)	1.3	0.17
	Shizuoka Pref.	16	Shimizu Port	*0.26	0.17
	Aichi Pref.	17	West of Shiomi Wharf, Nagoya Port	4.5	0.17
	Mie Pref.	18	Yokkaichi Port	4.8	0.17
		19	Toba Port	0.54	0.17
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	0.17
		21	Lake Biwa (center, offshore of Karasaki)	*0.27	0.17
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.4	0.17
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	0.91	0.17
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.0	0.17
		25	Osaka Port	4.0	0.17
	Kobe City	26	Kobe Port (center)	0.69	0.17
	Wakayama Pref.	27	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	*0.46	0.17
	Okayama Pref.	28	Offshore of Mizushima	1.6	0.17
	Yamaguchi Pref.	29	Tokuyama Bay	nd	0.49
		30	Offshore of Hagi	nd	0.49
	Kagawa Pref.	31	Takamatsu Port	1.9	0.17
	Ehime Pref.	32	Niihama Port	*0.34	0.17
	Fukuoka Pref.	33	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	0.77	0.49
		34	Offshore of Omuta	nd	0.49
	Kitakyushu City	35	Dokai Bay	20	0.17
	Fukuoka City	36	Hakata Bay	0.65	0.17
	Oita Pref.	37	Mouth of Riv. Oita (Oita City)	4.8	0.17

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-2] Chrysene Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 12/37 (Missing value: 0) Detection Frequency (sample): 12/37 (Missing value: 0) Detection range: nd ~ 3.9 Detection limit range: 0.16 ~ 0.32 Detection limit: 0.32 Requested detection limit: 0.6	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	*0.30	0.16
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	*0.17	0.16
	Akita Pref.	3	Akita Canal (Akita City)	*0.25	0.16
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.16
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	nd	0.16
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	*0.23	0.16
		7	Mouth of Riv. Sumida (Minato Ward)	*0.24	0.16
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	0.53	0.16
		9	Yokohama Port	*0.16	0.16
		10	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	*0.20	0.16
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	*0.29	0.16
		12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	0.35	0.16
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	1.2	0.16
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	*0.31	0.16
	Nagano Pref.	15	Lake Suwa (center)	*0.27	0.16
	Shizuoka Pref.	16	Shimizu Port	nd	0.16
	Aichi Pref.	17	West of Shiomi Wharf, Nagoya Port	1.5	0.16
	Mie Pref.	18	Yokkaichi Port	1.8	0.16
		19	Toba Port	*0.16	0.16
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	0.16
		21	Lake Biwa (center, offshore of Karasaki)	*0.16	0.16
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.57	0.16
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.16
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	*0.23	0.16
		25	Osaka Port	0.50	0.16
	Kobe City	26	Kobe Port (center)	nd	0.16
	Wakayama Pref.	27	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	*0.17	0.16
	Okayama Pref.	28	Offshore of Mizushima	0.42	0.16
	Yamaguchi Pref.	29	Tokuyama Bay	nd	0.32
		30	Offshore of Hagi	nd	0.32
	Kagawa Pref.	31	Takamatsu Port	0.58	0.16
	Ehime Pref.	32	Niihama Port	*0.18	0.16
	Fukuoka Pref.	33	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	0.45	0.32
		34	Offshore of Omuta	nd	0.32
	Kitakyushu City	35	Dokai Bay	3.9	0.16
	Fukuoka City	36	Hakata Bay	*0.21	0.16
	Oita Pref.	37	Mouth of Riv. Oita (Oita City)	0.73	0.16

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-11] Benzo[<i>g,h,i</i>]perylene Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 8/37 (Missing value: 0) Detection Frequency (sample): 8/37 (Missing value: 0) Detection range: nd ~ 5.2 Detection limit range: 0.31 ~ 0.35 Detection limit: 0.35 Requested detection limit: 0.02	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.31
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	0.31
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.31
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.31
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	nd	0.31
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.31
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.31
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	*0.34	0.31
		9	Yokohama Port	nd	0.31
		10	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	0.31
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	nd	0.31
		12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	0.31
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	1.1	0.31
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	0.31
	Nagano Pref.	15	Lake Suwa (center)	nd	0.31
	Shizuoka Pref.	16	Shimizu Port	nd	0.31
	Aichi Pref.	17	West of Shiomi Wharf, Nagoya Port	1.3	0.31
	Mie Pref.	18	Yokkaichi Port	1.5	0.31
		19	Toba Port	nd	0.31
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	0.31
		21	Lake Biwa (center, offshore of Karasaki)	nd	0.31
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.68	0.31
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.31
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.31
		25	Osaka Port	nd	0.31
	Kobe City	26	Kobe Port (center)	nd	0.31
	Wakayama Pref.	27	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.31
	Okayama Pref.	28	Offshore of Mizushima	0.38	0.31
	Yamaguchi Pref.	29	Tokuyama Bay	nd	0.35
		30	Offshore of Hagi	nd	0.35
	Kagawa Pref.	31	Takamatsu Port	*0.31	0.31
	Ehime Pref.	32	Niihama Port	nd	0.31
	Fukuoka Pref.	33	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	0.42	0.35
		34	Offshore of Omuta	nd	0.35
	Kitakyushu City	35	Dokai Bay	5.2	0.31
	Fukuoka City	36	Hakata Bay	nd	0.31
	Oita Pref.	37	Mouth of Riv. Oita (Oita City)	0.40	0.31

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[5] 2-tert -Butylamino-4-cyclopropylamino-6-methylthio-1,3,5-triazine (synonym: <i>N</i> -tert -Butyl- <i>N'</i> -cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 24/35 (Missing value: 0) Detection Frequency (sample): 24/35 (Missing value: 0) Detection range: nd ~ 2.8 Detection limit range: 0.018 ~ 0.038 Detection limit: 0.038 Requested detection limit: 0.18	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	*0.032	0.018
		2	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	*0.031	0.018
	Akita Pref.	3	Akita Canal (Akita City)	*0.028	0.018
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	2.2	0.018
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	0.15	0.018
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	0.45	0.018
		7	Mouth of Riv. Sumida (Minato Ward)	0.53	0.018
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	2.8	0.018
		9	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	1.9	0.018
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	0.54	0.018
		11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	0.42	0.018
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	0.13	0.018
	Toyama Pref.	13	Offshore of Takaoka City, Toyama Bay	nd	0.018
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	0.33	0.018
	Nagano Pref.	15	Lake Suwa (center)	0.089	0.018
	Shizuoka Pref.	16	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	0.13	0.018
	Aichi Pref.	17	Kinuura Port	0.15	0.018
		18	West of Shiomi Wharf, Nagoya Port	0.64	0.018
	Mie Pref.	19	Toba Port	0.16	0.018
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	0.028
		21	Lake Biwa (center, offshore of Karasaki)	nd	0.028
	Kyoto Pref.	22	Miyazu Port	nd	0.038
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	1.1	0.018
	Nara Pref.	24	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.72	0.029
	Wakayama Pref.	25	Offshore of Kushimoto Fishing Port, Kushimoto Sea Area	nd	0.018
	Okayama Pref.	26	Offshore of Mizushima	0.14	0.018
	Yamaguchi Pref.	27	Tokuyama Bay	0.058	0.018
		28	Offshore of Hagi	*0.025	0.018
	Kagawa Pref.	29	Offshore of Hiketa Port, Tousan Sea Area	0.088	0.018
	Ehime Pref.	30	Sawadu Fishing Port	0.17	0.018
		31	Uwajima Port	0.25	0.018
	Saga Pref.	32	Imari Bay	0.10	0.018
	Kumamoto Pref.	33	Off the west coast of Yokoshima Island, Yatsushiro Sea	nd	0.018
	Oita Pref.	34	Mouth of Riv. Oita (Oita City)	0.060	0.018
	Kagoshima Pref.	35	Kagoshima Bay	nd	0.018

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

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-1] Pyrene Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 32/32 (Missing value: 0) Detection Frequency (sample): 96/96 (Missing value: 0) Detection range: 0.48~4,500 Detection limit range: 0.40 Detection limit: 0.40 Requested detection limit: 6	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	83	19	99	0.40
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	0.83	0.48	0.70	0.40
	Akita Pref.	3	Akita Canal (Akita City)	70	39	45	0.40
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	52	34	4.3	0.40
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	190	150	210	0.40
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	100	100	170	0.40
		7	Mouth of Riv. Sumida (Minato Ward)	430	400	560	0.40
	Yokohama City	8	Yokohama Port	390	380	350	0.40
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	26	130	46	0.40
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	780	980	780	0.40
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	27	2.8	4.5	0.40
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	36	61	50	0.40
	Nagano Pref.	13	Lake Suwa (center)	54	57	70	0.40
	Shizuoka Pref.	14	Shimizu Port	55	31	23	0.40
	Aichi Pref.	15	West of Shiomi Wharf, Nagoya Port	2,000	1,600	1,200	0.40
	Mie Pref.	16	Yokkaichi Port	110	120	100	0.40
		17	Toba Port	140	350	630	0.40
	Shiga Pref.	18	Lake Biwa (center, offshore of Minamihira)	70	85	83	0.40
		19	Lake Biwa (center, offshore of Karasaki)	34	50	59	0.40
	Kyoto City	20	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	6.2	6.2	7.6	0.40
	Osaka Pref.	21	Mouth of Riv. Yamato (Sakai City)	17	5.8	8.4	0.40
	Osaka City	22	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	830	400	110	0.40
		23	Osaka Port	620	600	610	0.40
	Kobe City	24	Kobe Port (center)	400	960	280	0.40
	Wakayama Pref.	25	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.2	7.0	7.4	0.40
	Okayama Pref.	26	Offshore of Mizushima	56	91	49	0.40
	Yamaguchi Pref.	27	Tokuyama Bay	74	65	110	0.40
		28	Offshore of Hagi	64	55	26	0.40
	Kagawa Pref.	29	Takamatsu Port	120	210	170	0.40
	Kitakyushu City	30	Dokai Bay	3,500	4,500	3,000	0.40
	Fukuoka City	31	Hakata Bay	64	89	82	0.40
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	11	16	14	0.40

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-2] Chrysene Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 32/32 (Missing value: 0) Detection Frequency (sample): 96/96 (Missing value: 0) Detection range: 0.46~2,300 Detection limit range: 0.30~0.31 Detection limit: 0.30 Requested detection limit: 20	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	19	7.1	30	0.31
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.0	0.46	0.46	0.30
	Akita Pref.	3	Akita Canal (Akita City)	52	16	18	0.30
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	22	14	2.3	0.31
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	82	63	84	0.31
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	39	41	70	0.31
		7	Mouth of Riv. Sumida (Minato Ward)	140	130	200	0.31
	Yokohama City	8	Yokohama Port	340	160	140	0.30
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	11	54	16	0.31
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	370	390	360	0.31
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	15	1.5	2.2	0.31
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	16	26	37	0.31
	Nagano Pref.	13	Lake Suwa (center)	23	26	32	0.30
	Shizuoka Pref.	14	Shimizu Port	31	15	10	0.31
	Aichi Pref.	15	West of Shiomi Wharf, Nagoya Port	1,100	880	760	0.31
	Mie Pref.	16	Yokkaichi Port	43	48	45	0.31
		17	Toba Port	53	150	290	0.31
	Shiga Pref.	18	Lake Biwa (center, offshore of Minamihira)	47	57	55	0.31
		19	Lake Biwa (center, offshore of Karasaki)	18	30	28	0.30
	Kyoto City	20	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.8	2.7	3.5	0.31
	Osaka Pref.	21	Mouth of Riv. Yamato (Sakai City)	7.0	2.5	3.6	0.31
	Osaka City	22	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	350	190	51	0.31
		23	Osaka Port	210	250	220	0.30
	Kobe City	24	Kobe Port (center)	160	430	110	0.31
	Wakayama Pref.	25	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.2	3.6	3.5	0.31
	Okayama Pref.	26	Offshore of Mizushima	28	36	23	0.30
	Yamaguchi Pref.	27	Tokuyama Bay	39	29	49	0.30
		28	Offshore of Hagi	30	30	12	0.31
	Kagawa Pref.	29	Takamatsu Port	49	88	65	0.31
	Kitakyushu City	30	Dokai Bay	1,700	2,300	1,500	0.31
	Fukuoka City	31	Hakata Bay	37	46	26	0.31
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	5.9	9.5	7.9	0.31

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-11] Benzo[<i>g,h,i</i>]perylene Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 32/32 (Missing value: 0) Detection Frequency (sample): 96/96 (Missing value: 0) Detection range: 0.55~3,400 Detection limit range: 0.21 Detection limit: 0.21 Requested detection limit: 0.001	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	34	4.0	40	0.21
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.2	0.55	0.95	0.21
	Akita Pref.	3	Akita Canal (Akita City)	30	18	21	0.21
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	23	19	2.1	0.21
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	140	98	130	0.21
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	51	60	95	0.21
		7	Mouth of Riv. Sumida (Minato Ward)	220	230	280	0.21
	Yokohama City	8	Yokohama Port	300	250	230	0.21
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	16	61	22	0.21
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	590	600	510	0.21
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	15	1.3	2.2	0.21
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	28	31	37	0.21
	Nagano Pref.	13	Lake Suwa (center)	31	34	41	0.21
	Shizuoka Pref.	14	Shimizu Port	44	26	18	0.21
	Aichi Pref.	15	West of Shiomi Wharf, Nagoya Port	1,300	1,100	970	0.21
	Mie Pref.	16	Yokkaichi Port	84	78	78	0.21
		17	Toba Port	63	130	310	0.21
	Shiga Pref.	18	Lake Biwa (center, offshore of Minamihira)	65	76	74	0.21
		19	Lake Biwa (center, offshore of Karasaki)	31	51	43	0.21
	Kyoto City	20	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.8	2.3	5.3	0.21
	Osaka Pref.	21	Mouth of Riv. Yamato (Sakai City)	6.1	3.2	5.6	0.21
	Osaka City	22	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	320	160	72	0.21
		23	Osaka Port	340	390	330	0.21
	Kobe City	24	Kobe Port (center)	270	1,200	190	0.21
	Wakayama Pref.	25	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.7	4.4	3.9	0.21
	Okayama Pref.	26	Offshore of Mizushima	30	45	33	0.21
	Yamaguchi Pref.	27	Tokuyama Bay	62	48	55	0.21
		28	Offshore of Hagi	40	41	22	0.21
	Kagawa Pref.	29	Takamatsu Port	89	93	110	0.21
	Kitakyushu City	30	Dokai Bay	2,500	3,400	2,200	0.21
	Fukuoka City	31	Hakata Bay	44	65	52	0.21
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	4.6	7.2	7.2	0.21
[5] 2- <i>tert</i> -Butylamino-4-cyclopropylamino-6-methylthio-1,3,5-triazine (synonym: <i>N</i> - <i>tert</i> -Butyl- <i>N'</i> -cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine) Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 9/26 (Missing value: 0) Detection Frequency (sample): 20/78 (Missing value: 0) Detection range: nd~2.0 Detection limit range: 0.025~0.030 Detection limit: 0.030 Requested detection limit: 0.005	Akita Pref.	1	Akita Canal (Akita City)	nd	nd	nd	0.030
	Ibaraki Pref.	2	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.028
	Chiba Pref.	3	Coast of Ichihara and Anegasaki	0.077	0.060	nd	0.029
	Tokyo Met.	4	Mouth of Riv. Arakawa (Koto Ward)	0.14	0.17	0.13	0.028
		5	Mouth of Riv. Sumida (Minato Ward)	0.37	0.51	1.5	0.028
	Kawasaki City	6	Mouth of Riv. Tama (Kawasaki City)	nd	0.27	nd	0.028
		7	Front of Ougi Town, Keihin Canal, Port of Kawasaki	0.39	0.34	0.50	0.025
	Niigata Pref.	8	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.029
	Toyama Pref.	9	Offshore of Takaoka City, Toyama Bay	nd	nd	nd	0.027
	Ishikawa Pref.	10	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.029
	Nagano Pref.	11	Lake Suwa (center)	nd	nd	nd	0.030
	Shizuoka Pref.	12	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	nd	nd	0.030
		13	Kinuura Port	nd	nd	nd	0.028
	Aichi Pref.	14	West of Shiomi Wharf, Nagoya Port	0.066	nd	0.75	0.025
	Mie Pref.	15	Toba Port	0.52	0.43	nd	0.028
	Shiga Pref.	16	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	0.029
		17	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	0.029
	Kyoto Pref.	18	Miyazu Port	nd	nd	nd	0.030
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	nd	nd	nd	0.030
	Nara Pref.	20	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	nd	nd	0.028
	Okayama Pref.	21	Offshore of Mizushima	nd	nd	nd	0.030
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	0.029
		23	Offshore of Hagi	nd	nd	nd	0.028
	Ehime Pref.	24	Uwajima Port	nd	0.46	nd	0.027
	Saga Pref.	25	Imari Bay	1.5	2.0	1.1	0.028
	Oita Pref.	26	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.029

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[2] 4,4'-Diamino-3,3'-dichlorodiphenylmethane (synonym: 3,3'-Dichloro-4,4'-diaminodiphenylmethane or 4,4'-Methylenebis(2-chloroaniline)) Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 0/13 (Missing value: 0) Detection Frequency (sample): 0/39 (Missing value: 0) Detection range: nd Detection limit range: 0.73 ~ 0.74 Detection limit: 0.74 Requested detection limit: 2.2	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.73
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	0.73
	Kanagawa Pref.	3	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	0.73
	Kawasaki City	4	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	0.73
	Ishikawa Pref.	5	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	0.74
	Nagano Pref.	6	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	0.74
	Shiga Pref.	7	Moriyama Air Quality Monitoring Station (Moriyama City)	nd	nd	nd	0.74
	Kyoto Pref.	8	Uji Prefectural Government Building(Uji City)	nd	nd	nd	0.73
	Kyoto City	9	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	0.74
	Osaka Pref.	10	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	0.74
	Tokushima Pref.	11	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	nd	nd	nd	0.73
	Kagawa Pref.	12	Kanonji City Government Building (Kanonji City)	nd	nd	nd	0.73
	Saga Pref.	13	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	0.74
(Reference value) [4-1] Pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 19/19 (Missing value: 0) Detection Frequency (sample): 52/52 (Missing value: 5) Detection range: 0.17 ~ 4.0 Detection limit range: 0.0024 ~ 0.0026 Detection limit: 0.0024 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.17	0.28	0.32	0.0024
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.73	0.92	1.1	0.0024
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	1.2	0.75	1.2	0.0024
		4	Chichijima Island (Ogasawara Village)	0.62	0.46	0.50	0.0024
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	1.1	2.3	0.52	0.0024
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	3.0	0.73	0.54	0.0026
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.21	0.25	0.28	0.0024
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.46	0.56	3.0	0.0024
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.43	---	0.50	0.0024
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	1.4	0.61	0.0024
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.66	1.3	0.43	0.0024
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.54	0.89	1.6	0.0024
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	1.3	2.2	0.54	0.0024
		14	Kakogawa City Government Building (Kakogawa City)	0.94	1.5	0.76	0.0025
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.90	0.53	0.0024
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	4.0	0.46	1.0	0.0024
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.82	---	0.0024
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.86	1.3	0.93	0.0024
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	1.6	0.56	2.0	0.0024

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

(Note 5) (Reference value) : For Polycyclic aromatic hydrocarbons in air, an analytical method was used in which 15 substances were sampled and measured simultaneously. The results for [4-1] Pyrene are provided as reference values, because the results of additive recovery tests were not determined to be valid.

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-2] Chrysene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 1.4 Detection limit range: 0.025 ~ 0.027 Detection limit: 0.025 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.026	0.055	0.068	0.025
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.15	0.37	0.29	0.025
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.15	0.058	0.25	0.025
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.025
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.28	0.79	0.090	0.025
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.50	0.13	0.12	0.027
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.034	0.056	0.050	0.025
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.084	0.12	1.3	0.025
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.086	---	0.14	0.025
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.37	0.17	0.025
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.17	0.39	0.11	0.025
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.084	0.16	0.40	0.025
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.48	0.85	0.25	0.025
		14	Kakogawa City Government Building (Kakogawa City)	0.19	0.26	0.15	0.026
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.32	0.12	0.025
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	1.4	0.11	0.35	0.025
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.28	---	0.025
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.25	0.34	0.25	0.025
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.55	0.22	0.58	0.025
[4-3] Benzo[a]anthracene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 48/52 (Missing value: 5) Detection range: nd ~ 1.2 Detection limit range: 0.024 ~ 0.026 Detection limit: 0.024 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	0.032	0.039	0.024
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.081	0.23	0.13	0.024
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.093	0.025	0.13	0.024
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.024
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.21	0.51	0.038	0.024
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.25	0.062	0.053	0.026
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.029	0.052	0.033	0.024
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.051	0.064	0.93	0.024
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.046	---	0.079	0.024
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.18	0.083	0.024
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.074	0.21	0.051	0.024
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.033	0.060	0.16	0.024
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.34	0.67	0.17	0.024
		14	Kakogawa City Government Building (Kakogawa City)	0.097	0.14	0.073	0.025
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.20	0.061	0.024
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	1.2	0.062	0.16	0.024
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.17	---	0.024
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.12	0.17	0.095	0.024
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.23	0.11	0.37	0.024

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-4] Benzo[<i>b</i>]fluoranthene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 1.1 Detection limit range: 0.022 ~ 0.023 Detection limit: 0.022 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.023	0.051	0.069	0.022
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.15	0.37	0.29	0.022
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.11	0.046	0.29	0.022
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.022
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.25	0.62	0.070	0.022
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.48	0.12	0.10	0.023
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.029	0.044	0.040	0.022
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.067	0.085	0.93	0.022
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.098	---	0.23	0.022
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.71	0.16	0.022
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.20	0.33	0.11	0.022
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.076	0.16	0.42	0.022
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.43	0.81	0.22	0.022
		14	Kakogawa City Government Building (Kakogawa City)	0.15	0.21	0.15	0.023
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.28	0.11	0.022
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	1.1	0.11	0.34	0.022
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.30	---	0.022
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.21	0.35	0.23	0.022
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.49	0.21	0.49	0.022
[4-5] Benzo[<i>j</i>]fluoranthene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 0.66 Detection limit range: 0.0049 ~ 0.0052 Detection limit: 0.0049 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.016	0.038	0.048	0.0049
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.10	0.21	0.21	0.0049
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.060	0.028	0.13	0.0049
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0049
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.14	0.50	0.042	0.0049
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.21	0.057	0.057	0.0052
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.023	0.035	0.028	0.0049
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.046	0.059	0.66	0.0049
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.057	---	0.12	0.0049
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.25	0.082	0.0049
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.098	0.18	0.056	0.0049
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.046	0.085	0.22	0.0049
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.23	0.40	0.11	0.0049
		14	Kakogawa City Government Building (Kakogawa City)	0.10	0.13	0.077	0.0051
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.13	0.078	0.0049
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.56	0.068	0.19	0.0049
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.15	---	0.0049
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.10	0.15	0.10	0.0049
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.22	0.10	0.23	0.0049

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-6] Benzo[k]fluoranthene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 0.53 Detection limit range: 0.0075 ~ 0.0081 Detection limit: 0.0076 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.011	0.028	0.033	0.0075
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.077	0.18	0.14	0.0075
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.056	0.021	0.12	0.0075
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0076
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.12	0.33	0.034	0.0075
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.19	0.048	0.046	0.0081
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.016	0.023	0.020	0.0075
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.030	0.037	0.39	0.0075
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.041	---	0.090	0.0076
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.21	0.065	0.0075
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.070	0.14	0.042	0.0075
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.031	0.062	0.17	0.0075
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.20	0.36	0.097	0.0075
		14	Kakogawa City Government Building (Kakogawa City)	0.070	0.090	0.061	0.0078
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.12	0.052	0.0075
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.53	0.042	0.14	0.0075
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.13	---	0.0076
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.079	0.13	0.082	0.0075
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.19	0.077	0.20	0.0075
[4-7] Benzo[a]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 48/52 (Missing value: 5) Detection range: nd ~ 0.98 Detection limit range: 0.024 ~ 0.026 Detection limit: 0.025 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	0.050	0.056	0.025
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.14	0.34	0.21	0.025
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.11	0.037	0.21	0.024
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.025
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.23	0.61	0.056	0.025
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.30	0.084	0.071	0.026
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.033	0.048	0.035	0.025
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.059	0.066	0.80	0.025
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.068	---	0.15	0.025
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.39	0.097	0.025
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.12	0.24	0.063	0.025
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.046	0.089	0.26	0.025
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.40	0.77	0.16	0.025
		14	Kakogawa City Government Building (Kakogawa City)	0.13	0.21	0.094	0.025
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.20	0.087	0.025
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.98	0.082	0.23	0.025
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.20	---	0.025
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.11	0.19	0.11	0.025
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.31	0.13	0.35	0.025

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-8] Benzo[e]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 0.80 Detection limit range: 0.013 ~ 0.014 Detection limit: 0.013 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.016	0.045	0.055	0.013
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.15	0.33	0.27	0.013
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.10	0.046	0.27	0.013
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.013
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.23	0.60	0.063	0.013
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.46	0.12	0.087	0.014
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.027	0.037	0.034	0.013
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.058	0.069	0.72	0.013
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.077	---	0.17	0.013
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.63	0.11	0.013
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.18	0.24	0.074	0.013
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.060	0.13	0.33	0.013
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.34	0.65	0.16	0.013
		14	Kakogawa City Government Building (Kakogawa City)	0.12	0.18	0.11	0.014
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.21	0.091	0.013
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.80	0.082	0.24	0.013
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.20	---	0.013
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.14	0.26	0.15	0.013
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.35	0.15	0.35	0.013
[4-9] Dibenzo[a,h]anthracene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 16/19 (Missing value: 0) Detection Frequency (sample): 40/52 (Missing value: 5) Detection range: nd ~ 0.099 Detection limit range: 0.0073 ~ 0.0078 Detection limit: 0.0073 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.0073
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.017	0.035	0.030	0.0073
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.013	nd	0.029	0.0073
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0073
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.023	0.066	nd	0.0073
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.025	0.0097	0.0094	0.0078
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	0.0073
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.0077	0.0093	0.082	0.0073
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.0092	---	0.017	0.0073
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.083	0.012	0.0073
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.018	0.024	0.0088	0.0073
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	0.013	0.032	0.0073
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.036	0.072	0.020	0.0073
		14	Kakogawa City Government Building (Kakogawa City)	0.012	0.015	0.011	0.0075
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.025	0.010	0.0073
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.099	0.010	0.027	0.0073
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.025	---	0.0073
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.013	0.024	0.014	0.0073
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.032	0.016	0.037	0.0073

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-10] Indeno[1,2,3- <i>c,d</i>]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 0.93 Detection limit range: 0.0086 ~ 0.0092 Detection limit: 0.0086 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.021	0.042	0.063	0.0086
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.17	0.31	0.32	0.0086
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.086	0.040	0.20	0.0086
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0086
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.23	0.57	0.057	0.0086
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.50	0.12	0.084	0.0092
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.026	0.036	0.033	0.0086
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.068	0.079	0.77	0.0086
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.084	---	0.15	0.0086
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.93	0.11	0.0086
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.21	0.23	0.077	0.0086
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.062	0.13	0.35	0.0086
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.30	0.53	0.14	0.0086
		14	Kakogawa City Government Building (Kakogawa City)	0.13	0.20	0.10	0.0089
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.17	0.11	0.0086
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.67	0.093	0.25	0.0086
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.19	---	0.0086
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.12	0.20	0.14	0.0086
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.27	0.15	0.30	0.0086
[4-11] Benzo[<i>a,h,i</i>]perylene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5) Detection range: nd ~ 1.1 Detection limit range: 0.016 ~ 0.017 Detection limit: 0.016 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.029	0.075	0.078	0.016
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.22	0.30	0.37	0.016
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.11	0.054	0.23	0.016
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.016
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.25	0.60	0.075	0.016
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.58	0.15	0.11	0.017
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	0.025	0.034	0.034	0.016
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	0.076	0.083	0.72	0.016
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	0.10	---	0.19	0.016
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	1.1	0.11	0.016
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.26	0.30	0.079	0.016
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	0.096	0.18	0.43	0.016
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.34	0.63	0.13	0.016
		14	Kakogawa City Government Building (Kakogawa City)	0.16	0.31	0.18	0.017
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.17	0.13	0.016
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.64	0.096	0.26	0.016
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.20	---	0.016
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.12	0.23	0.14	0.016
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.28	0.16	0.32	0.016

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
(Reference value) [4-12] Dibenzo[a,e]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 16/19 (Missing value: 0) Detection Frequency (sample): 36/52 (Missing value: 5) Detection range: nd ~ 0.21 Detection limit range: 0.011 Detection limit: 0.011 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.011
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.024	0.049	0.045	0.011
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.015	nd	0.034	0.011
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.011
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.032	0.095	nd	0.011
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	0.038	0.013	0.011	0.011
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	0.011
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	0.11	0.011
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	nd	---	0.017	0.011
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	0.21	0.014	0.011
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.035	0.031	nd	0.011
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	0.018	0.050	0.011
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.049	0.085	0.024	0.011
		14	Kakogawa City Government Building (Kakogawa City)	0.014	0.022	0.014	0.011
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	0.027	0.011	0.011
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	0.11	0.013	0.035	0.011
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.032	---	0.011
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.017	0.028	0.019	0.011
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.044	0.024	0.049	0.011
(Reference value) [4-13] Dibenzo[a,h]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing value: 44) Detection range: 0.0031 ~ 0.017 Detection limit range: 0.0019 ~ 0.0020 Detection limit: 0.0019 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	---	---	---	---
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	---	0.0086	0.0056	0.0019
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	---	---	---	---
		4	Chichijima Island (Ogasawara Village)	---	---	---	---
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	---	---	---	---
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	---	---	---	---
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	---	---	---	---
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	---	---	---	---
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	---	---	---
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.0042	0.0052	0.0031	0.0019
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	---	---	---	---
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.0078	0.017	0.0047	0.0019
		14	Kakogawa City Government Building (Kakogawa City)	0.0041	0.0049	0.0038	0.0020
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	---	---	---
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	---	---	0.0067	0.0019
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.0056	---	0.0019
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	---	---	---	---
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	---	---	---	---

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

(Note 5) (Reference value) : For Polycyclic aromatic hydrocarbons in air, an analytical method was used in which 15 substances were sampled and measured simultaneously. The results for [4-12] Dibenzo[a,e]pyrene, and [4-13] Dibenzo[a,h]pyrene are provided as reference values, because the results of additive recovery tests were not determined to be valid.

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-14] Dibenzo[a,i]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing value: 44) Detection range: 0.0031 ~ 0.025 Detection limit range: 0.0028 ~ 0.0029 Detection limit: 0.0028 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	---	---	---	---
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	---	0.014	0.011	0.0028
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	---	---	---	---
		4	Chichijima Island (Ogasawara Village)	---	---	---	---
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	---	---	---	---
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	---	---	---	---
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	---	---	---	---
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	---	---	---	---
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	---	---	---
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.0076	0.0079	0.0031	0.0028
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	---	---	---	---
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.013	0.025	0.0064	0.0028
		14	Kakogawa City Government Building (Kakogawa City)	0.0047	0.0068	0.0044	0.0029
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	---	---	---
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	---	---	0.0090	0.0028
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.0079	---	0.0028
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	---	---	---	---
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	---	---	---	---
(Reference value) [4-15] Dibenzo[a,l]pyrene Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing value: 44) Detection range: 0.012 ~ 0.080 Detection limit range: 0.0081 ~ 0.0085 Detection limit: 0.0081 Requested detection limit: 0.01	Sendai City	1	Tsutsujigaoka Park (Sendai City)	---	---	---	---
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	---	0.052	0.069	0.0081
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	---	---	---	---
		4	Chichijima Island (Ogasawara Village)	---	---	---	---
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	---	---	---	---
	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki City)	---	---	---	---
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	---	---	---	---
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	---	---	---	---
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)	---	---	---	---
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	0.038	0.037	0.012	0.0081
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	---	---	---	---
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.050	0.080	0.028	0.0081
		14	Kakogawa City Government Building (Kakogawa City)	0.019	0.026	0.018	0.0085
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	---	---	---	---
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki City)	---	---	0.044	0.0082
	Tokushima Pref.	17	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.037	---	0.0081
	Kitakyushu City	18	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	---	---	---	---
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	---	---	---	---

(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) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) --- : Missing value

(Note 4) (Reference value) : For Polycyclic aromatic hydrocarbons in air, an analytical method was used in which 15 substances were sampled and measured simultaneously. The results for [4-15] Dibenzo[a,l]pyrene are provided as reference values, because the results of additive recovery tests were not determined to be valid.