Target chemicals	Local	No	Monitored sites	Measured value	Reported
l'arget chemicais	communities	INO	Monitored sites	Sample1	detection limit
[1] Ethylene glycol monomethyl ether (synonym: 2-	Sendai City	1	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	200
Methoxyethanol)	Akita Pref.	2	Akita Canal (Akita City)	nd	200
Detailed Environmental Survey/surface water (ng/L)	Fukushima Pref.	3	Upstream of the junction with Riv.Omori, Riv.	nd	200
Detection Frequency (site): 0/31 (Missing value: 0)			Nigori (Fukushima City)		
Detection Frequency (sample): 0/31 (Missing value:	Gunma Pref.	4	Ninomaru-bashi Bridge, Riv. Tsuruuda (Tatebayashi	nd	200
0)			City)		
Detection range: nd	Saitama Pref.	5	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	200
Detection limit range: $70 \sim 200$		6	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	200
Detection limit: 200		7	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	nd	200
Requested detection limit: 1,900	Saitama City	8	Nakadote-hashi 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	nd	200
			City)		
		12	Yokohama Port	nd	200
		13	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	200
			City)		
	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	nd	200
			Shimotsu Port		
	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	No	Monitored sites	Measured value	Reported
rarget chemicais	communities	INO		Sample1	detection limit
[3] 4,5-Dichloro-2-octylisothiazol-3(2H)-one	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.26
Detailed Environmental Survey/surface water (ng/L)		2	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata	nd	0.26
Detection Frequency (site): 2/30 (Missing value: 0)			Town)		
Detection Frequency (sample): 2/30 (Missing value:		3	Akita Canal (Akita City)	nd	0.26
0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	5.8	0.26
Detection range: nd ~ 5.8			(Kamisu City)		
Detection limit range: 0.26	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	0.26
Detection limit: 0.26		6	Mouth of Riv. Sumida (Minato Ward)	nd	0.26
Requested detection limit: 1.1	Yokohama City	7	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	0.26
			City)		
		8	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	0.26
			City)		
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	0.26
		10	Front of Chidori Town, Keihin Canal, Port of	nd	0.26
			Kawasaki		
	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	nd	0.26
			City)		
		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	nd	0.26
			Area		
	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	nd	0.26
			Sea		
	Kagoshima Pref.	30	Kagoshima Bay	nd	0.26
(Note 1) Detection frequency (site) is based on the n	U	s mear	is (the number of detected sites/the number of surveyed)	sites)	

(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	No	Monitored sites	Measured value	Reported
e	communities	140	Womfored sites	Sample1	detection limi
[4-1] Pyrene Detailed Environmental Survey/surface water (ng/L)	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.98	0.17
Detection Frequency (site): 26/37 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	*0.37	0.17
Detection Frequency (sample): 26/37 (Missing	Akita Pref.	3	Akita Canal (Akita City)	1.2	0.17
value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	*0.36	0.17
Detection range: nd ~ 20			(Kamisu City)		
Detection limit range: 0.17 ~ 0.49	Chiba Pref.	5	Coast of Ichihara and Anegasaki	*0.31	0.17
Detection limit: 0.49	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.0	0.17
Requested detection limit: 4		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
	Singu Hen.	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
	5	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
	6	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

Target chemicals	Local	No	Monitored sites	Measured value	Reported
l'aiget chemicais	communities	INU	Monitored sites	Sample1	detection lim
[4-2] Chrysene	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	*0.30	0.16
Detailed Environmental Survey/surface water (ng/L)			(Ishikari City)		
Detection Frequency (site): 12/37 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	*0.17	0.16
Detection Frequency (sample): 12/37 (Missing	Akita Pref.	3	Akita Canal (Akita City)	*0.25	0.16
value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	nd	0.16
Detection range: nd ~ 3.9			(Kamisu City)		
Detection limit range: $0.16 \sim 0.32$	Chiba Pref.	5	Coast of Ichihara and Anegasaki	nd	0.16
Detection limit: 0.32	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	*0.23	0.16
Requested detection limit: 0.6		7	Mouth of Riv. Sumida (Minato Ward)	*0.24	0.16
	Yokohama City	8	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	0.53	0.16
		9	City) Yokohama Port	*0.16	0.16
		10	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	*0.20	0.16
		10	City)	0.20	0.10
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	*0.29	0.16
	Ruwusuki Oity	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.	13	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	1.5	0.16
	when then.	19	Toba Port	*0.16	0.16
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	0.16
	Siliga Fiel.	20	Lake Biwa (center, offshore of Karasaki)	*0.16	0.16
	Kyoto City	21	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.10	0.16
	Osaka Pref.		Mouth of Riv. Yamato (Sakai City)	0.37 nd	
		23		*0.23	0.16
	Osaka City	24 25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City) Osaka Port	0.23	0.16
	Kobe City	25	Kobe Port (center)		0.16
			× /	nd	
	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

Target chemicals	Local	No	Monitored sites	Measured value	Reported
5	communities	INU	Monitored sites	Sample1	detection limit
[4-11] Benzo[g,h,i]perylene Detailed Environmental Survey/surface water (ng/L)	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.31
Detection Frequency (site): 8/37 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	0.31
Detection Frequency (sample): 8/37 (Missing value:	Akita Pref.	3	Akita Canal (Akita City)	nd	0.31
0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	nd	0.31
Detection range: nd ~ 5.2			(Kamisu City)		
Detection limit range: 0.31 ~ 0.35	Chiba Pref.	5	Coast of Ichihara and Anegasaki	nd	0.31
Detection limit: 0.35	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.31
Requested detection limit: 0.02		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	nd	0.31
			City)		
	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
	Ũ	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
	2	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	nd	0.31
	, in the second s		(Wakayama City)		
	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

Target chemicals 5] 2-tert -Butylamino-4-cyclopropylamino-6-	communities	No			Reported
	communities		Monitored sites	Sample1	detection lim
	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	*0.032	0.018
nethylthio-1,3,5-triazine (synonym: N-tert -Butyl-		2	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata	*0.031	0.018
V'-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-			Town)		
liamine)	Akita Pref.	3	Akita Canal (Akita City)	*0.028	0.018
Detailed Environmental Survey/surface water (ng/L		4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	2.2	0.018
Detection Frequency (site): 24/35 (Missing value: 0)			(Kamisu City)		
Detection Frequency (sample): 24/35 (Missing	Chiba Pref.	5	Coast of Ichihara and Anegasaki	0.15	0.018
value: 0)	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	0.45	0.018
Detection range: $nd \sim 2.8$		7	Mouth of Riv. Sumida (Minato Ward)	0.53	0.018
Detection limit range: 0.018 ~ 0.038	Yokohama City	8	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	2.8	0.018
Detection limit: 0.038			City)		
Requested detection limit: 0.18		9	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	1.9	0.018
			City)		
	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
	0	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	nd	0.018
	5		Area		
	Okayama Pref.	26	Offshore of Mizushima	0.14	0.018
	Yamaguchi Pref.	27	Tokuyama Bay	0.058	0.018
	8	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	nd	0.018
	realitation i lei.	55	Sea	110	0.010
	Oita Pref.	34	Mouth of Riv. Oita (Oita City)	0.060	0.018
	Kagoshima Pref.	-	Kagoshima Bay	nd	0.018

(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

Truck daminda	Local	No	Monitored sites	Me	asured va	alue	Reported
Target chemicals	communities	INO	Monitored sites	Sample1	Sample2	Sample3	detection limit
[4-1] Pyrene	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	83	19	99	0.40
Detailed Environmental Survey/sediment (ng/g-dry)			(Ishikari City)				
Detection Frequency (site): 32/32 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	0.83	0.48	0.70	0.40
Detection Frequency (sample): 96/96 (Missing	Akita Pref.	3	Akita Canal (Akita City)	70	39	45	0.40
value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	52	34	4.3	0.40
Detection range: 0.48~4,500			(Kamisu City)				
Detection limit range: 0.40	Chiba Pref.	5	Coast of Ichihara and Anegasaki	190	150	210	0.40
Detection limit: 0.40	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	100	100	170	0.40
Requested detection limit: 6		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	4.2	7.0	7.4	0.40
			(Wakayama City)				
	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	No	Monitored sites	Me	asured v	alue	Reported
Target chemicals	communities	INO	Wollitored sites	Sample1	Sample2	Sample3	detection limit
[4-2] Chrysene	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	19	7.1	30	0.31
Detailed Environmental Survey/sediment (ng/g-dry)			(Ishikari City)				
Detection Frequency (site): 32/32 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.0	0.46	0.46	0.30
Detection Frequency (sample): 96/96 (Missing	Akita Pref.	3	Akita Canal (Akita City)	52	16	18	0.30
value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	22	14	2.3	0.31
Detection range: 0.46~2,300			(Kamisu City)				
Detection limit range: 0.30~0.31	Chiba Pref.	5	Coast of Ichihara and Anegasaki	82	63	84	0.31
Detection limit: 0.30	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	39	41	70	0.31
Requested detection limit: 20		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
	C	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	2.2	3.6	3.5	0.31
	5		(Wakayama City)				
	Okayama Pref.	26	Offshore of Mizushima	28	36	23	0.30
	Yamaguchi Pref.	27	Tokuyama Bay	39	29	49	0.30
	Ŭ	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 m			is (the number of detected sites/the number of surveyed				

(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.

Torget chemicals	Local	No	Monitored sites	Me	asured va	alue	Reported
Target chemicals	communities	110	wontored sites	Sample1	Sample2	Sample3	detection limit
[4-11] Benzo[g,h,i]perylene Detailed Environmental Survey/sediment (ng/g-dry)	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	34	4.0	40	0.21
Detection Frequency (site): 32/32 (Missing value: 0)	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.2	0.55	0.95	0.21
Detection Frequency (snep): 92/92 (Hissing value: 0) Detection Frequency (sample): 96/96 (Missing	Akita Pref.	3	Akita Canal (Akita City)	30	18	21	0.21
value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	23	19	2.1	0.21
Detection range: 0.55~3,400 Detection limit range: 0.21 Detection limit: 0.21	iouruki i ioi.	•	(Kamisu City)	23	17	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
Requested detection limit: 0.001		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
	Rawasaki City	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.	11	Mouth of Riv. Sai (Kanazawa City)	28	31	37	0.21
		12	Lake Suwa (center)	31	34	41	0.21
	Nagano Pref.		Shimizu Port	44	26		
	Shizuoka Pref.	14				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	2.7	4.4	3.9	0.21
			(Wakayama City)				
	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-tert -Butylamino-4-cyclopropylamino-6-	Akita Pref.	1	Akita Canal (Akita City)	nd	nd	nd	0.030
methylthio-1,3,5-triazine (synonym: N-tert -Butyl-	Ibaraki Pref.	2	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	nd	nd	nd	0.028
N'-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-			(Kamisu City)				
diamine)	Chiba Pref.	3	Coast of Ichihara and Anegasaki	0.077	0.060	nd	0.029
Detailed Environmental Survey/sediment (ng/g-dry)	Tokyo Met.	4	Mouth of Riv. Arakawa (Koto Ward)	0.14	0.17	0.13	0.028
Detection Frequency (site): 9/26 (Missing value: 0)		5	Mouth of Riv. Sumida (Minato Ward)	0.37	0.51	1.5	0.028
Detection Frequency (sample): 20/78 (Missing	Kawasaki City	6	Mouth of Riv. Tama (Kawasaki City)	nd	0.27	nd	0.028
value: 0)		7	Front of Ougi Town, Keihin Canal, Port of Kawasaki	0.39	0.34	0.50	0.025
Detection range: $nd \sim 2.0$	Niigata Pref.	8	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.029
Detection limit range: $0.025 \sim 0.030$	Toyama Pref.	9	Offshore of Takaoka City, Toyama Bay	nd	nd	nd	0.027
Detection limit: 0.030	Ishikawa Pref.	10	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.029
Requested detection limit: 0.005	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
	Ŭ	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.	20	Offshore of Mizushima	nd	nd	nd	0.020
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	0.029
	- anagaeni i iei.	23	Offshore of Hagi	nd	nd	nd	0.029
	Ehime Pref.	23	Uwajima Port	nd	0.46	nd	0.028
	Saga Pref.	24	Imari Bay	1.5	2.0	1.1	0.027
	Oita Pref.	25	Mouth of Riv. Oita (Oita City)	nd	nd 2.0	nd	0.028
L			Mouth of Riv. Ona (Ona City)		nu	nu	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

	Local			Me	asured va	alue	Reported
Target chemicals	communities	No	Monitored sites		Sample2		detection limit
[2] 4,4'-Diamino-3,3'-dichlorodiphenylmethane	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.73
(synonym: 3,3'-Dichloro-4,4'- diaminodiphenylmethane or 4,4'-Methylenebis(2-	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	0.73
chloroaniline)) Detailed Environmental Survey/air (ng/m ³)	Kanagawa Pref.	3	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	0.73
Detection Frequency (site): 0/13 (Missing value: 0) Detection Frequency (sample): 0/39 (Missing value:	Kawasaki City	4	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	0.73
0) Detection range: nd Detection limit range: 0.73 ~ 0.74 Detection limit: 0.74 Requested detection limit: 2.2	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	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.17	0.28	0.32	0.0024
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 19/19 (Missing value: 0)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.73	0.92	1.1	0.0024
Detection Frequency (sample): 52/52 (Missing value: 5)	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	1.2	0.75	1.2	0.0024
Detection range: $0.17 \sim 4.0$		4	Chichijima Island (Ogasawara Village)	0.62	0.46	0.50	0.0024
Detection limit range: 0.0024 ~ 0.0026 Detection limit: 0.0024	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	1.1	2.3	0.52	0.0024
Requested detection limit: 0.01	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
(Nota 1) Detection frequency (cite) is based on the n	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)		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 t 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.

	Local			Me	asured va	alue	Reported
Target chemicals	communities	No	Monitored sites	Sample1	Sample2	Sample3	detection limit
[4-2] Chrysene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.026	0.055	0.068	0.025
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.15	0.37	0.29	0.025
Detection Frequency (site): 18/19 (Missing value: 0)			(Tsuchiura City)				
Detection Frequency (sample): 49/52 (Missing	Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.15	0.058	0.25	0.025
value: 5)			Environmental Protection (Koto Ward)				
Detection range: $nd \sim 1.4$		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.025
Detection limit range: $0.025 \sim 0.027$	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.28	0.79	0.090	0.025
Detection limit: 0.025	K 1. C'	((Hiratsuka City)	0.50	0.12	0.12	0.027
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.50	0.13	0.12	0.027
	Ishikawa Pref.	7	City) Ishikawa Prefectural Institute of Public Health and	0.034	0.056	0.050	0.025
	Isnikawa Prei.	/	Environmental Science (Kanazawa City)	0.034	0.056	0.050	0.025
	Nagano Pref.	8	Nagano Environmental Conservation Research	0.084	0.12	1.3	0.025
	Tugano 1101.	0	Institute (Nagano City)	0.004	0.12	1.5	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		Kyoto City Institute of Health and Environmental	0.17	0.39	0.11	0.025
			Sciences(Kyoto City)				
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.084	0.16	0.40	0.025
			Building 2 Annex (Osaka City)				
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.48	0.85	0.25	0.025
		14	Kakogawa City Government Building (Kakogawa	0.19	0.26	0.15	0.026
			City)				
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.32	0.12	0.025
			Environment and Public Health (Wakayama City)				
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki	1.4	0.11	0.35	0.025
			City)				
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.28		0.025
			Pharmaceutical and Environmental Sciences Center				
	Kitakyushu City	18	(Tokushima City) Kitakyushu City Institute of Health and	0.25	0.34	0.25	0.025
	Kitakyushu City	10	Environmental Sciences (Kitakyushu City)	0.25	0.54	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	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	0.032	0.039	0.023
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.081	0.23	0.13	0.024
Detection Frequency (site): 18/19 (Missing value: 0)			(Tsuchiura City)				
Detection Frequency (snep): 16/19 (Missing Value: 6) Detection Frequency (sample): 48/52 (Missing	Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.093	0.025	0.13	0.024
value: 5)	-		Environmental Protection (Koto Ward)				
Detection range: $nd \sim 1.2$		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.024
Detection limit range: 0.024 ~ 0.026	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.21	0.51	0.038	0.024
Detection limit: 0.024			(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.25	0.062	0.053	0.026
			City)				
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and	0.029	0.052	0.033	0.024
	N. D.C.	0	Environmental Science (Kanazawa City)	0.051	0.064	0.02	0.024
	Nagano Pref.	8	Nagano Environmental Conservation Research	0.051	0.064	0.93	0.024
	Nagoya City	9	Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City)	0.046		0.079	0.024
	Kyoto Pref.	10	Uji Prefectural Government Building(Uji City)		0.18	0.079	0.024
	Kyoto Pref. Kyoto City	10	Kyoto City Institute of Health and Environmental	0.074	0.18	0.083	0.024
	Kyoto City	11	Sciences(Kyoto City)	0.074	0.21	0.031	0.024
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.033	0.060	0.16	0.024
			Source contra covernment Dunuing,	0.055	0.000	0.10	0.024
	Osaka Fiel.		Building 2 Annex (Osaka City)				
		13	Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City)	0.34	0.67	0.17	0.024
	Hyogo Pref.		Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa	0.34	0.67	0.17	0.024 0.025
		13	Sumoto City Government Building (Sumoto City)				
		13	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa				
	Hyogo Pref. Wakayama Pref.	13 14	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City)	0.097	0.14	0.073	0.025
	Hyogo Pref.	13 14	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of	0.097	0.14	0.073	0.025
	Hyogo Pref. Wakayama Pref. Okayama Pref.	13 14 15 16	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City)	0.097	0.14 0.20 0.062	0.073	0.025 0.024 0.024
	Hyogo Pref. Wakayama Pref.	13 14 15	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health,	0.097	0.14	0.073	0.025
	Hyogo Pref. Wakayama Pref. Okayama Pref.	13 14 15 16	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center	0.097 1.2	0.14 0.20 0.062	0.073 0.061 0.16	0.025 0.024 0.024
	Hyogo Pref. Wakayama Pref. Okayama Pref. Tokushima Pref.	13 14 15 16 17	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	0.097	0.14 0.20 0.062 0.17	0.073 0.061 0.16	0.025 0.024 0.024 0.024
	Hyogo Pref. Wakayama Pref. Okayama Pref.	13 14 15 16 17	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City) Kitakyushu City Institute of Health and	0.097 1.2	0.14 0.20 0.062	0.073 0.061 0.16	0.025 0.024 0.024
	Hyogo Pref. Wakayama Pref. Okayama Pref. Tokushima Pref.	13 14 15 16 17	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	0.097	0.14 0.20 0.062 0.17	0.073 0.061 0.16	0.025 0.024 0.024 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

Target chemicals	Local	No	Monitored sites		asured va		Reported
	communities			Sample1	Sample2	-	detection limit
[4-4] Benzo[b]fluoranthene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.023	0.051	0.069	0.022
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.15	0.37	0.29	0.022
Detection Frequency (site): 18/19 (Missing value: 0)	Tokyo Met.	3	(Tsuchiura City) Tokyo Metropolitan Research Institute for	0.11	0.046	0.29	0.022
Detection Frequency (sample): 49/52 (Missing value: 5)	Tokyo Wet.	3	Environmental Protection (Koto Ward)	0.11	0.040	0.29	0.022
Detection range: $nd \sim 1.1$		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.022
Detection limit range: $0.022 \sim 0.023$	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.25	0.62	0.070	0.022
Detection limit: 0.022			(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.48	0.12	0.10	0.023
	L11 D.C	7	City)	0.020	0.044	0.040	0.022
	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	0.067	0.085	0.93	0.022
			Institute (Nagano City)				
	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	0.20	0.33	0.11	0.022
			Sciences(Kyoto City)				
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.076	0.16	0.42	0.022
	Hyogo Pref.	13	Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City)	0.43	0.81	0.22	0.022
	Hyogo Hei.	13	Kakogawa City Government Building (Sunioto City)	0.15	0.81	0.22	0.022
		14	City)	0.15	0.21	0.15	0.025
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.28	0.11	0.022
			Environment and Public Health (Wakayama City)				
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki	1.1	0.11	0.34	0.022
			City)				
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.30		0.022
			Pharmaceutical and Environmental Sciences Center (Tokushima City)				
	Kitakyushu City	18	Kitakyushu City Institute of Health and	0.21	0.35	0.23	0.022
	, , ,	-	Environmental Sciences (Kitakyushu City)	-			
	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	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.016	0.038	0.048	0.0049
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.10	0.21	0.21	0.0049
Detection Frequency (site): 18/19 (Missing value: 0)		2	(Tsuchiura City)	0.060	0.020	0.12	0.0040
Detection Frequency (sample): 49/52 (Missing	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.060	0.028	0.13	0.0049
value: 5) Detection range: nd ~ 0.66		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0049
Detection range: $nd \sim 0.0049 \sim 0.0052$	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.14	0.50	0.042	0.0049
Detection limit: 0.0049	5		(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.21	0.057	0.057	0.0052
			City)				
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and	0.023	0.035	0.028	0.0049
	Nagano Pref.	8	Environmental Science (Kanazawa City) Nagano Environmental Conservation Research	0.046	0.059	0.66	0.0049
	Nagano 1 Iei.	0	Institute (Nagano City)	0.040	0.059	0.00	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	0.098	0.18	0.056	0.0049
			Sciences(Kyoto City)				
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.046	0.085	0.22	0.0049
	II D C	12	Building 2 Annex (Osaka City)	0.22	0.40	0.11	0.0040
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa	0.23	0.40	0.11	0.0049
		14	City)	0.10	0.13	0.077	0.0051
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.13	0.078	0.0049
			Environment and Public Health (Wakayama City)				
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki	0.56	0.068	0.19	0.0049
			City)				
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.15		0.0049
			Uhamma againti and Emilian mantal Salan aga Cantan			1	
			Pharmaceutical and Environmental Sciences Center				
	Kitakunchu Citer	19	(Tokushima City)	0.10	0.15	0.10	0.0040
	Kitakyushu City	18	(Tokushima City) Kitakyushu City Institute of Health and	0.10	0.15	0.10	0.0049
	Kitakyushu City Oita Pref.	18 19	(Tokushima City)	0.10	0.15	0.10	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

Lefe commuties sample 1 description Detailed Environmental Survey/sitt (ng/m) Dotation 1 Fathing relation 1 Single 1 description Detailed Environmental Survey/sitt (ng/m) Dotation 1 Tabuting relation 1 Single 1 description Detailed Environmental Survey/sitt (ng/m) Dotation 1 Tabuting relation 1 Distributing relation 1	Target abamicals	Local	Na	Monitored sites	Me	asured v	alue	Reported
Detailsd Environmental Servery(art (optin)) Burnak Fref. 2 Burak Kaumingsan Environmental Secure Center 0.77 0.18 0.14 0.00 Detection Frequency (unrely): 400:011 (MS): Secure Chains (Ch) 10/90 Met 3 Tokyo Metropolitan Research Institute for 0.05 0.011 0.12 0.001 0.12 0.030 0.021 <t< td=""><td>l'arget chemicais</td><td>communities</td><td>NO</td><td>Monitored sites</td><td>Sample1</td><td>Sample2</td><td>Sample3</td><td>detection limit</td></t<>	l'arget chemicais	communities	NO	Monitored sites	Sample1	Sample2	Sample3	detection limit
Detection Frequency (sinc) 18 (9) (Massing value: 0) (Tsuchirar (rig)) (massing value: 1) Obection Frequency (sinc) 18 (9) (Massing value: 0) Takyo Met. 3 Tokyo Met. 0.056 0.021 0.02 0.04 Suber: 5) Gamageou Environmental Research Institute from 0.12 0.03 0.034 0.004 Detection limit: 0.01 Kanagaou Environmental Research Lensitute (Sanagaou Fredinatal City) 6 Inational Massima City 0.014 0.005 0.021 0.021 0.020 0.000 Requested detection limit: 0.01 Kanagaou Pref. 7 Baikawa Prefericutu Institute (Nagaou City) 0.014 0.005 0.020 0.000 Nagano Pref. 10 Uji Preferental Government Building (City) 0.021 0.005 0.002 0.000 0.001 0.002 0.000 0.002 0.000 0.001 0.002 0.000 0.002 0.001 0.002 0.002 0.001 0.002 0.002 0.001 0.002 0.002 0.001 0.002 0.002 0.002 0.002 0.001 0.002 <t< td=""><td>[4-6] Benzo[k]fluoranthene</td><td>Sendai City</td><td>1</td><td>Tsutsujigaoka Park (Sendai City)</td><td>0.011</td><td>0.028</td><td>0.033</td><td>0.0075</td></t<>	[4-6] Benzo[k]fluoranthene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.011	0.028	0.033	0.0075
Detection program (complex): 40:52 (Missing values 5) Tokyo Mert. 3 Tokyo Mert. 3 Tokyo Mert. 0.007 0.021		Ibaraki Pref.	2	0	0.077	0.18	0.14	0.0075
Detection imit: 0.076 0.081 0.017 0.037		Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.056	0.021	0.12	0.0075
Dateston limit ange 0.0076 Kanagava Pref. 5 Kanagava Pref. Valuity Monitoring Station (Kawasaki 0.12 0.03 0.044 0.00 Requested detection limit: 0.01 Kawasaki City 0 Datshi Af Valuity Monitoring Station (Kawasaki 0.19 0.048 0.046 0.002 0.			4		,	1	1	0.0076
Detection luni: 0.0176 constraints Note Note<	5	V D C						0.0076
Respected detection limit: 0.01 Karwaski Ciry 6 Daishi Af Quality Monitoring Station (Kawaski Di Qua	Detection limit: 0.0076	Kanagawa Pref.	5	0	0.12	0.33	0.034	0.0075
Ishikawa Pref. 7 Ishikawa Pref. 7 Ishikawa Pref. 0.016 0.023 0.020 0.000 Nagano Pref. 8 Nagano Criyon 0.030 0.037 0.39 0.001 Nagano Pref. 10 Instruct (Nagaous City) 0.041 0.090 0.002 0.097 0.037 0.39 0.001 Nagao Pref. 10 Instruct (Nagaous City) 0.041 0.090 0.001 0.042 0.007 0.041 0.041 0.042 0.007 0.000 0.041 0.042		Kawasaki City	6		0.19	0.048	0.046	0.0081
Exvisionmental Science (Kanazwa Ciy) en en Nagano Pref. Nagano Environmental Conservation Research 0.030 0.037 0.29 0.00 Kingano Environmental Conservation Research 0.030 0.037 0.29 0.00 Kyoto Pref. 10 Up Prefevental Government Building(U) City) 0.21 0.005 0.005 Kyoto Pref. 10 Science/Kyoto City) 0.01 0.022 0.03 0.022 0.01 0.002 0.001 0.042 0.001 0.041 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.002 0.011 0.020 0.021 0.021 0.021 0.021 0.021 0.021 0.021 0.021 0.021 0.020 0.000 0.021 0.021 0.020 0.000 0.021 0.021 0.021 0.021 <				City)				
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Nagoya City 9 Chikusa Ward Heiwa Park (Nagoya City) 0.041 0.000 0.000 Kyoto City 11 Kyoto City of City Inititue of Health and Environmental 0.070 0.14 0.042 0.005 Sciencer(Kyoto City) 0.054 health for Prefectral Government Building. 0.031 0.062 0.17 0.000 Osaka Pref. 12 Osaka foir Prefectral Government Building (Kuosto City) 0.20 0.56 0.007 0.001 Wakayama Pref. 13 Samoto City Government Building (Kuosto City) 0.20 0.56 0.007 0.002 0.001 0.002 0.01 0.002 0.001 0.002 0.001 0.001 0.001 0.001 0.002 0.001 0.001 0.002 0.001 0.001 0.002 0.001 0.002 0.001 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.012 0.013 0.022 0.013 0.025 0.013		Nagano Pref.	8	Nagano Environmental Conservation Research	0.030	0.037	0.39	0.0075
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Hyogo Pref. 13 Sunoto City Government Building (Kakogawa 0.070 0.090 0.061 0.000 14 Kakogawa City Government Building (Kakogawa 0.070 0.090 0.061 0.000 City 15 Wakayama Pref. 15 Wakayama City Government Building (Kakogawa 0.070 0.090 0.061 0.000 Okayama Pref. 16 Matsue Air Quality Moniforing Station (Karashiki 0.53 0.042 0.14 0.000 Okayama Pref. 16 Matsue Air Quality Moniforing Station (Karashiki 0.53 0.042 0.14 0.000 City Tokushima Pref. 17 Tokushima Pref. 17 Tokushima City		Osaka Pref.	12		0.031	0.062	0.17	0.0075
14 Kakogawa City Government Building (Kakogawa City) 0.070 0.090 0.061 0.00 Wakayama Pref. 15 Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) 0.12 0.052 0.000 Okayama Pref. 16 Matsue Air Quality Monitoring Station (Karashik 0.53 0.042 0.14 0.00 Okayama Pref. 17 Tokushima Prefectural Public Health 0.13 0.000 Tokushima Pref. 19 Oita City Higashi-oita Elementary School (Oita City) 0.077 0.20 0.000 Letaide Environmental Survey/air (ng/m) Detacide Environmental Sciences Center 0.14 0.035 0.042 0.043 0.21 0.057 0.020 0.000 0.037 0.21 0.057 0.020 0.043 0.03								
Image: City		Hyogo Pref.						0.0075
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Okayama Pref. 16 Matsue Air Quality Monitoring Station (Kurashiki 0.53 0.042 0.14 0.00 City Tokushima Pref. 17 Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center 0.13 0.00 Kitakyushu City 18 Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City) 0.077 0.20 0.000 [4-7] Benzo(a]pyrene Sendai City 1 Tustusjigooka Park (Sendai City) nd 0.056 0.05 Detection Frequency (sinc): 18/19 (Missing value: 0) Sendai City 1 Tustusjigooka Park (Sendai City) nd 0.042 0.047 0.21 0.057 Detection Inimi: ange: 0.024 - 0.026 Environmental Research Institute of Health Row and Environmental Research Center 0.23 0.061 0.056 0.05 Detection limi: 0.01 Kanagawa Perf. 5 Kanagawa Environmental Research Institute for City) 0.11 0.037 0.21 0.056 Detection limi: 0.01 Kawasaki City 6 Stakawa Prefectural Institute of Public Health And City) 0.048 0.071 0.056 <		Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.12	0.052	0.0075
Image: City		Oleanama Drof	16		0.52	0.042	0.14	0.0075
Tokushima Pref. 17 Tokushima Pref.cural Public Health, Pharmaceutical and Environmental Sciences Center 0.13 0.00 (4-7) Benzo[a] pyrene Sendai City 11 Tokushima City 11 Tokushima City 0.079 0.13 0.00 0.00 Detailed Environmental Survey/air (ng/m ²) Bandai City 1 Tokushima City 0.14 0.04 0.077 0.20 0.00 Detailed Environmental Survey/air (ng/m ²) Ibaraki Rasunigauna Environmental Science Center 0.14 0.037 0.21 0.02 Detection Frequency (sing)el): 48/52 (Missing value: 0) Environmental Frotection (Koto Ward) 0.11 0.037 0.21 0.02 Detection Imit: 0.025 Rangawa Pref. 5 Kanagawa Pref. 5 Kanagawa Environmental Research Institute for 0.11 0.037 0.21 0.02 Detection Imit: 0.025 Kanagawa Pref. 5 Kanagawa Pref. 5 Kanagawa Environmental Research Center 0.23 0.64 0.071 0.21 0.02 Detection Imit: 0.01 Kawaski City 6 Dishi Air Quali		Okayama Piet.	10		0.55	0.042	0.14	0.0075
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[4-7] Benzo[a]pyrene Sendai City 1 Tsutsujigaoka Park (Sendai City) nd 0.050 0.056 0.02 Detailed Environmental Survey/air (ng/m³) Ibaraki Pref. 2 Ibaraki Kasumigaura Environmental Science Center 0.14 0.34 0.21 0.05 Detection Frequency (site): 18/19 (Missing value: 0) Tokyo Metropolitan Research Institute for 0.11 0.037 0.21 0.00 Detection Iimit range: 0.024 - 0.026 Kanagawa Pref. 5 Kanagawa Environmental Research Center 0.23 0.61 0.056 0.02 Detection limit: 0.01 Kawasaki City 6 Daishi Air Quality Monitoring Station (Kawasaki 0.30 0.084 0.071 0.02 Requested detection limit: 0.01 Kawasaki City 6 Daishi Air Quality Monitoring Station (Kawasaki 0.30 0.084 0.035 0.02 Nagano Pref. 7 Ishikawa Prefectural Institute of Public Health and Environmental 0.032 0.046 0.02 Nagono Zity 9 Chikusa Ward Heiwa Park (Nagoya City) 0.066 0.00 0.02 Nagono Pref. 10 <								
Detailed Environmental Survey/air (ng/m³) Ibaraki Pref. 2 Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) 0.14 0.34 0.21 0.02 Detection Frequency (site): 18/19 (Missing value: 0) Tokyo Met. 3 Tokyo Metropolitan Research Institute for 0.11 0.037 0.21 0.02 Detection range: nd ~ 0.98 Detection limit range: 0.024 ~ 0.026 Kanagawa Pref. 5 Kanagawa Environmental Research Center 0.23 0.61 0.056 0.02 Detection limit: 0.025 Kawasaki City 6 Daishi Air Quality Monitoring Station (Kawasaki 0.30 0.084 0.071 0.00 Ishikawa Pref. 7 Ishikawa Prefectural Institute of Public Health and the Norsy of the Institute ON Public Health and the Norsy of the Institute (Nagano City) 0.056 0.02 0.02 0.046 0.09 0.06 0.00 0.09 0.06 0.00 0.00 0.01 0.02 0.048 0.01 0.02 0.04 0.01 0.02 0.046 0.02 0.046 0.02 0.06 0.00 0.06 0.00 0.06 0.00 0.06 0.00 0.06 0.00 0.02 0.02 0.02								0.0075
Detection Frequency (site): 18/19 (Missing value: 0) Index (Tsuchiura City) Index (Ts								0.025
Detection Frequency (sample): 48/52 (Missing value: 5) Tokyo Met. 3 Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) 0.11 0.037 0.21 0.02 Detection imit range: 0.024 - 0.026 Kanagawa Pref. 5 Kanagawa Environmental Research Center 0.23 0.61 0.056 0.002 Detection limit: 0.025 Kawasaki City 6 Daishi Air Quality Monitoring Station (Kawasaki 0.30 0.048 0.071 0.02 Kawasaki City 6 Daishi Air Quality Monitoring Station (Kawasaki 0.30 0.048 0.071 0.02 Nagano Pref. 1 Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) 0.056 0.002 0.066 0.80 0.071 Nagaro Pref. 10 Uji Prefectural Government Building(Uji City) 0.39 0.097 0.02 Kyoto City 11 Kyoto City Institue of Health and Environmental 0.12 0.24 0.063 0.02 Nagaro Pref. 10 Uji Prefectural Government Building(Uji City) 0.39 0.097 0.02 Kyoto City 11 Kakogawa City Government Building (Kakogawa 0.		Ibaraki Pref.	2		0.14	0.34	0.21	0.025
value: 5) Environmental Protection (Koto Ward) Image: norophysical content of the second content		Tolaro Mot	2		0.11	0.027	0.21	0.024
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Image: Second		Jahiltonus Durf	7	• /	0.022	0.049	0.025	0.025
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Pharmaceutical and Environmental Sciences Center (Tokushima City) Pharmaceutical and Environmental Sciences Center Kitakyushu City 18 Kitakyushu City Institute of Health and 0.11 0.19 0.11 0.02		m 1 1' p 1	17			0.00		0.027
(Tokushima City) 0.11 0.19 0.11 0.02 Kitakyushu City 18 Kitakyushu City Institute of Health and 0.11 0.19 0.11 0.02		Tokushima Pref.	17			0.20		0.025
Kitakyushu City 18 Kitakyushu City Institute of Health and 0.11 0.19 0.11 0.02								
		Kitakyushu City	18		0.11	0.10	0.11	0.025
Environmental Sciences (Kifakvushii Cify)		renary using City	10	Environmental Sciences (Kitakyushu City)	0.11	0.17	0.11	0.025
		Oita Pref.	19		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

Target chemicals	Local	No	Monitored sites		asured va		Reported
	communities			Sample1	Sample2	Sample3	detection limit
[4-8] Benzo[e]pyrene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.016	0.045	0.055	0.013
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	0.15	0.33	0.27	0.013
Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5)	Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.10	0.046	0.27	0.013
	Tokyo met.	5	Environmental Protection (Koto Ward)	0.10	0.010	0.27	0.015
Detection range: $nd \sim 0.80$		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.013
Detection limit range: $0.013 \sim 0.014$	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.23	0.60	0.063	0.013
Detection limit: 0.013			(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.46	0.12	0.087	0.014
	L11 D.C	-	City)	0.007	0.027	0.024	0.012
	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	0.058	0.069	0.72	0.013
	rugano rien	0	Institute (Nagano City)	0.020	0.005	0172	01012
	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	0.18	0.24	0.074	0.013
			Sciences(Kyoto City)				
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.060	0.13	0.33	0.013
	II D C	12	Building 2 Annex (Osaka City)	0.24	0.65	0.16	0.012
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa	0.34	0.65	0.16	0.013
		14	City)	0.12	0.18	0.11	0.014
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.21	0.091	0.013
	··· alla julla 1101		Environment and Public Health (Wakayama City)		0.21	0.071	01012
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki	0.80	0.082	0.24	0.013
			City)				
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.20		0.013
			Pharmaceutical and Environmental Sciences Center				
	K'(1 1 C')	10	(Tokushima City) Kitakyushu City Institute of Health and	0.14	0.26	0.15	0.012
	Kitakyushu City	18	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	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.0073
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.017	0.035	0.030	0.0073
Detection Frequency (site): 16/19 (Missing value: 0) Detection Frequency (sample): 40/52 (Missing			(Tsuchiura City)				
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.013	nd	0.029	0.0073
value: 5)			Environmental Protection (Koto Ward)				
Detection range: nd ~ 0.099		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0073
Detection limit range: 0.0073 ~ 0.0078	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.023	0.066	nd	0.0073
Detection limit: 0.0073	Kawasaki City	6	(Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki	0.025	0.0097	0.0094	0.0078
Requested detection limit: 0.01	Kawasaki City	0	City)	0.025	0.0097	0.0094	0.0078
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and	nd	nd	nd	0.0073
			Environmental Science (Kanazawa City)				
	Nagano Pref.	8	Nagano Environmental Conservation Research	0.0077	0.0093	0.082	0.0073
			Institute (Nagano City)				
	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	0.018	0.024	0.0088	0.0073
	Osaka Pref.	12	Sciences(Kyoto City) Osaka Joint Prefectural Government Building,	nd	0.013	0.032	0.0073
	Jound 1 101.	12	Building 2 Annex (Osaka City)	nu	0.015	0.052	0.0075
				0.007	0.072	0.020	0.0073
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.036	0.072		
	Hyogo Pref.	13 14	Kakogawa City Government Building (Sumoto City)	0.036	0.072	0.011	0.0075
			Kakogawa City Government Building (Kakogawa City)				0.0075
	Hyogo Pref. Wakayama Pref.		Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of				0.0075
	Wakayama Pref.	14 15	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	0.012	0.015	0.011	0.0073
		14	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki	0.012	0.015	0.011	
	Wakayama Pref. Okayama Pref.	14 15 16	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City)	0.012	0.015 0.025 0.010	0.011 0.010 0.027	0.0073
	Wakayama Pref.	14 15	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health,	0.012	0.015	0.011	0.0073
	Wakayama Pref. Okayama Pref.	14 15 16	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center	0.012	0.015 0.025 0.010	0.011 0.010 0.027	0.0073
	Wakayama Pref. Okayama Pref.	14 15 16	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	0.012	0.015 0.025 0.010	0.011 0.010 0.027	0.0073
	Wakayama Pref. Okayama Pref. Tokushima Pref.	14 15 16 17	Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center	0.012	0.015 0.025 0.010 0.025	0.011 0.010 0.027	0.0073 0.0073 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

Target chemicals	Local	No	Monitored sites		asured va		Reported
	communities			Sample1	Sample2	Sample3	detection limit
[4-10] Indeno[1,2,3- <i>c</i> , <i>d</i>]pyrene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.021	0.042	0.063	0.0086
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.17	0.31	0.32	0.0086
Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5)		3	(Tsuchiura City) Tokyo Metropolitan Research Institute for	0.086	0.040	0.20	0.0087
	Tokyo Met.	3	Environmental Protection (Koto Ward)	0.080	0.040	0.20	0.0086
		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.0086
Detection range: nd ~ 0.93 Detection limit range: 0.0086 ~ 0.0092	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.23	0.57	0.057	0.0086
Detection limit range. 0.0080 ~ 0.0092 Detection limit: 0.0086	Tunuguwu 1101.	5	(Hiratsuka City)	0.25	0.57	0.057	0.0000
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.50	0.12	0.084	0.0092
	2		City)				
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and	0.026	0.036	0.033	0.0086
			Environmental Science (Kanazawa City)				
	Nagano Pref.	8	Nagano Environmental Conservation Research	0.068	0.079	0.77	0.0086
			Institute (Nagano City)				0.0005
	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	0.21	0.23	0.077	0.0086
	Osaka Pref.	12	Sciences(Kyoto City) Osaka Joint Prefectural Government Building,	0.062	0.13	0.35	0.0086
	Osaka Fiel.	12	Building 2 Annex (Osaka City)	0.002	0.15	0.35	0.0080
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.30	0.53	0.14	0.0086
	11905011011	14	Kakogawa City Government Building (Kakogawa	0.13	0.20	0.10	0.0089
			City)	0115	0.20	0.110	010005
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.17	0.11	0.0086
	-		Environment and Public Health (Wakayama City)				
	Okayama Pref.	16	Matsue Air Quality Monitoring Station (Kurashiki	0.67	0.093	0.25	0.0086
			City)				
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.19		0.0086
			Pharmaceutical and Environmental Sciences Center				
	Kitalaanaha Cita	10	(Tokushima City) Kitalaansha Cita Instituta shusalah and	0.12	0.20	0.14	0.0087
	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[g,h,i] perylene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.029	0.075	0.078	0.0000
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.22	0.30	0.37	0.016
Detection Frequency (site): 18/19 (Missing value: 0) Detection Frequency (sample): 49/52 (Missing value: 5)		-	(Tsuchiura City)	0.22	0.20	0.07	01010
	Tokyo Met.	3	Tokyo Metropolitan Research Institute for	0.11	0.054	0.23	0.016
	-		Environmental Protection (Koto Ward)				
Detection range: $nd \sim 1.1$		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.016
Detection limit range: 0.016 ~ 0.017 Detection limit: 0.016	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.25	0.60	0.075	0.016
			(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.58	0.15	0.11	0.017
	L11 D.C.	-	City)	0.025	0.024	0.024	0.016
	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	0.076	0.083	0.72	0.016
	i vagano i ici.	0	Institute (Nagano City)	0.070	0.005	0.72	0.010
	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	0.26	0.30	0.079	0.016
			Sciences(Kyoto City)				
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	0.096	0.18	0.43	0.016
			Building 2 Annex (Osaka City)				
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.34	0.63	0.13	0.016
		14	Kakogawa City Government Building (Kakogawa	0.16	0.31	0.18	0.017
	Walsoners Des	15	City) Wakayama Prefectural Research Center of		0.17	0.12	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	0.64	0.096	0.26	0.016
	Skuyunia 1101.	10	City)	0.04	0.090	5.20	0.010
	Tokushima Pref.	17	Tokushima Prefectural Public Health,		0.20		0.016
		- /	Pharmaceutical and Environmental Sciences Center				
			(Tokushima City)				
	Kitakyushu City	18	Kitakyushu City Institute of Health and	0.12	0.23	0.14	0.016
	rentary asing only	10	5 5				
	itiakyushu eny	10	Environmental Sciences (Kitakyushu City) 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

Target chemicals	Local	No	Monitored sites		asured va		Reported
	communities				Sample2		detection limi
(Reference value) [4-12] Dibenzo[<i>a</i> , <i>e</i>]pyrene	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.011
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center	0.024	0.049	0.045	0.011
Detection Frequency (site): $16/19$ (Missing value: 0)	Tokyo Met.	3	(Tsuchiura City) Tokyo Metropolitan Research Institute for	0.015	nd	0.034	0.011
Detection Frequency (sample): 36/52 (Missing	Tokyo Met.	5	Environmental Protection (Koto Ward)	0.015	na	0.034	0.011
value: 5) Detection range: nd ~ 0.21		4	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.011
Detection limit range: 0.011	Kanagawa Pref.	5	Kanagawa Environmental Research Center	0.032	0.095	nd	0.011
Detection limit: 0.011	0		(Hiratsuka City)				
Requested detection limit: 0.01	Kawasaki City	6	Daishi Air Quality Monitoring Station (Kawasaki	0.038	0.013	0.011	0.011
			City)				
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and	nd	nd	nd	0.011
	N. D.C	0	Environmental Science (Kanazawa City)	1	1	0.11	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	0.017	0.011
	Kyoto City	10	Kyoto City Institute of Health and Environmental	0.035	0.031	nd	0.011
	Ryoto eny		Sciences(Kyoto City)	0.055	0.051	na	0.011
	Osaka Pref.	12	Osaka Joint Prefectural Government Building,	nd	0.018	0.050	0.011
			Building 2 Annex (Osaka City)				
	Hyogo Pref.	13	Sumoto City Government Building (Sumoto City)	0.049	0.085	0.024	0.011
		14	Kakogawa City Government Building (Kakogawa	0.014	0.022	0.014	0.011
			City)				
	Wakayama Pref.	15	Wakayama Prefectural Research Center of		0.027	0.011	0.011
	Okayama Pref.	16	Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki	0.11	0.013	0.035	0.011
	Okayama Piei.	10	City)	0.11	0.015	0.035	0.011
	Tokushima Pref.	17	Tokushima Prefectural Public Health.		0.032		0.011
	1011001101	- /	Pharmaceutical and Environmental Sciences Center		01052		0.011
			(Tokushima City)				
	Kitakyushu City	18	Kitakyushu City Institute of Health and	0.017	0.028	0.019	0.011
			Environmental Sciences (Kitakyushu City)				
	Oita Pref.	19	Oita City Higashi-oita Elementary School (Oita City)	0.044	0.024	0.049	0.011
(Reference value) [4-13] Dibanzol a h Inverse	Sandai City		Tenteniigooleo Pork (Sondoi City)				
(Reference value) [4-13] Dibenzo[<i>a</i> , <i>h</i>]pyrene	Sendai City	1	Tsutsujigaoka Park (Sendai City)		0.0006	0.0056	0.0010
Detailed Environmental Survey/air (ng/m ³)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center		0.0086	0.0056	0.0019
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)				
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing			Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for		0.0086	0.0056	0.0019
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing value: 44)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)				
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	Ibaraki Pref.	2 3	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for				
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	Ibaraki Pref. Tokyo Met.	2 3 4	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village)				
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	Ibaraki Pref. Tokyo Met.	2 3 4	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City	2 3 4 5 6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref.	2 3 4 5	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref.	2 3 4 5 6 7	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City	2 3 4 5 6	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref.	2 3 4 5 6 7 8	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City	2 3 4 5 6 7 8 9	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref.	2 3 4 5 6 7 8	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City	2 3 4 5 6 7 8 9 10	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City)				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref.	2 3 4 5 6 7 8 9 10	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental				
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City	2 3 4 5 6 7 7 8 9 10 11 11 12	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	 0.0042	 0.0052	 0.0031	 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City	2 3 4 5 6 7 8 9 10 11	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	 0.0042 0.0078	 0.0052 0.017	 0.0031 0.0047	 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref.	2 3 4 5 6 7 7 8 9 10 11 11 12	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Kakogawa City Government Building (Kakogawa	 0.0042	 0.0052	 0.0031	 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref.	2 3 4 5 6 7 7 8 9 10 11 11 12 13 14	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City)	 0.0042 0.0078 0.00041	 0.0052 0.017 0.0049	 0.0031 0.0047 0.0038	 0.0019 0.0019 0.0020
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref.	2 3 4 5 6 7 7 8 9 10 11 11 12 13	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City)	 0.0042 0.0078	 0.0052 0.017	 0.0031 0.0047	 0.0019 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagono Pref. Nagono Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref.	2 3 4 5 6 7 8 8 9 10 11 12 13 14 15	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	 0.0042 0.0041 	 0.0052 0.0049 	 0.0031 0.0047 0.0038 	 0.0019 0.0020
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref.	2 3 4 5 6 7 7 8 9 10 11 11 12 13 14	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki	 0.0042 0.0078 0.00041	 0.0052 0.017 0.0049	 0.0031 0.0047 0.0038	 0.0019 0.0019 0.0020
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagono Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref. Okayama Pref.	2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City)	 0.0042 0.0078 0.0041 	 0.0052 0.0049 	 0.0031 0.0047 0.0038 0.0067	 0.0019 0.0020 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagono Pref. Nagono Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref.	2 3 4 5 6 7 8 8 9 10 11 12 13 14 15	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health,	 0.0042 0.0041 	 0.0052 0.0049 	 0.0031 0.0047 0.0038 	 0.0019 0.0020
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagono Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref. Okayama Pref.	2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center	 0.0042 0.0078 0.0041 	 0.0052 0.0049 	 0.0031 0.0047 0.0038 0.0067	 0.0019 0.0020 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagono Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref. Okayama Pref.	2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Sumoto City) Kakogawa City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health,	 0.0042 0.0078 0.0041 	 0.0052 0.0049 	 0.0031 0.0047 0.0038 0.0067	 0.0019 0.0020 0.0019
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	Ibaraki Pref. Tokyo Met. Kanagawa Pref. Kawasaki City Ishikawa Pref. Nagano Pref. Nagoya City Kyoto Pref. Kyoto City Osaka Pref. Hyogo Pref. Wakayama Pref. Okayama Pref. Tokushima Pref.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City) Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward) Chichijima Island (Ogasawara Village) Kanagawa Environmental Research Center (Hiratsuka City) Daishi Air Quality Monitoring Station (Kawasaki City) Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City) Nagano Environmental Conservation Research Institute (Nagano City) Chikusa Ward Heiwa Park (Nagoya City) Uji Prefectural Government Building(Uji City) Kyoto City Institute of Health and Environmental Sciences(Kyoto City) Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City) Sumoto City Government Building (Kakogawa City) Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City) Matsue Air Quality Monitoring Station (Kurashiki City) Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	 0.0042 0.0078 0.0041 	 0.0052 0.0077 0.0049 0.0056	 0.0031 0.0047 0.0038 0.0067 	 0.0019 0.0020 0.0019

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 t 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	No	Monitored sites		asured va	-	Reported
-	communities			Sample1	Sample2	Sample3	detection limi
[4-14] Dibenzo[<i>a</i> , <i>i</i>]pyrene	Sendai City	1	Tsutsujigaoka Park (Sendai City)				
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13) Detection Frequency (sample): 13/13 (Missing value: 44)	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)				
Detection range: 0.0031 ~ 0.025		4	Chichijima Island (Ogasawara Village)				
Detection limit range: 0.0028 ~ 0.0029 Detection limit: 0.0028 Requested detection limit: 0.01	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	0.0004	0.0028
	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		0.0079		0.0028
	Kitakyushu City	18	(Tokushima City) 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	Sendai City	1	Tsutsujigaoka Park (Sendai City)				
Detailed Environmental Survey/air (ng/m ³) Detection Frequency (site): 6/6 (Missing value: 13)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)		0.052	0.069	0.0081
Detection Frequency (sne): 0.0 (Missing value: 15) Detection Frequency (sample): 13/13 (Missing value: 44)	Tokyo Met.	3	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)				
Detection range: $0.012 \sim 0.080$		4	Chichijima Island (Ogasawara Village)				
Detection limit range: 0.0081 ~ 0.0085 Detection limit: 0.0081	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)				
Requested detection limit: 0.01	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,				
	Hyogo Pref.	13	Building 2 Annex (Osaka City) 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		0.037		0.0081
	Kitakyushu City	18	(Tokushima City) 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 t 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.