

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

Monitored year : 2020

Detection Frequency (site) : 43/46 (Missing value : 0)

Detection Frequency (sample) : 43/46 (Missing value : 0)

Detection limit : *6

Quantification limit : *19

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 99 |
| Median | 90 |
| Maximum | 8,000 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 110 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(13) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 49 |
| Akita Pref. | 4 | Lake Hachiro | 40 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 30 |
| Fukushima Pref. | 6 | Onahama Port | 73 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 68 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 140 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 840 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 340 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 180 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 1,100 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1,300 |
| Yokohama City | 14 | Yokohama Port | 390 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 46 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 64 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 400 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 8,000 |
| Nagano Pref. | 19 | Lake Suwa (center) | 50 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | tr(8) |
| Aichi Pref. | 21 | Nagoya Port | 530 |
| Mie Pref. | 22 | Yokkaichi Port | 270 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 30 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 1,300 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 390 |
| Osaka City | 26 | Osaka Port | 1,300 |
| Hyogo Pref. | 27 | Offshore of Himeji | 81 |
| Kobe City | 28 | Kobe Port (center) | 1,100 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 140 |
| Okayama Pref. | 30 | Offshore of Mizushima | 36 |
| Hiroshima Pref. | 31 | Kure Port | 180 |
| | 32 | Hiroshima Bay | 120 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 39 |
| | 34 | Offshore of Ube | 25 |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | tr(15) |
| Kagawa Pref. | 37 | Takamatsu Port | 670 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 2,000 |
| Saga Pref. | 40 | Imari Bay | tr(15) |
| Nagasaki Pref. | 41 | Omura Bay | tr(8) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 100 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | tr(8) |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | tr(9) |
| Okinawa Pref. | 46 | Naha Port | 750 |

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

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

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

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

(Note 4) nd : Not detected

(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

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

Monitored year : 2020

Detection Frequency (site) : 43/46 (Missing value : 0)

Detection Frequency (sample) : 43/46 (Missing value : 0)

Detection limit : 0.1

Quantification limit : 0.4

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 0.8 |
| Median | 0.6 |
| Maximum | 39 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 0.6 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(0.2) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 0.5 |
| Akita Pref. | 4 | Lake Hachiro | tr(0.2) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(0.2) |
| Fukushima Pref. | 6 | Onahama Port | 5.0 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 0.5 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 0.7 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 4.5 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 1.1 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 1.9 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 2.2 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1.2 |
| Yokohama City | 14 | Yokohama Port | 1.0 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | tr(0.1) |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 30 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | tr(0.3) |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 39 |
| Nagano Pref. | 19 | Lake Suwa (center) | tr(0.3) |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | tr(0.3) |
| Aichi Pref. | 21 | Nagoya Port | 2.0 |
| Mie Pref. | 22 | Yokkaichi Port | tr(0.3) |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 2.7 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 2.4 |
| Osaka City | 26 | Osaka Port | 0.9 |
| Hyogo Pref. | 27 | Offshore of Himeji | 1.7 |
| Kobe City | 28 | Kobe Port (center) | 2.4 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 0.6 |
| Okayama Pref. | 30 | Offshore of Mizushima | 0.6 |
| Hiroshima Pref. | 31 | Kure Port | 0.6 |
| | 32 | Hiroshima Bay | 0.8 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 3.1 |
| | 34 | Offshore of Ube | 2.1 |
| | 35 | Offshore of Hagi | 0.5 |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 0.4 |
| Kagawa Pref. | 37 | Takamatsu Port | 0.6 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 3.4 |
| Saga Pref. | 40 | Imari Bay | tr(0.3) |
| Nagasaki Pref. | 41 | Omura Bay | 1.0 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 1.3 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | tr(0.1) |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | tr(0.1) |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 2.0 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 0.7

Quantification limit : 1.8

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 13 |
| Median | 12 |
| Maximum | 1,100 |
| Minimum | tr(1.2) |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 10 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 2.3 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 16 |
| Akita Pref. | 4 | Lake Hachiro | 3.0 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 4.7 |
| Fukushima Pref. | 6 | Onahama Port | 14 |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | 9.0 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 25 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 39 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 40 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 30 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 55 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 41 |
| Yokohama City | 14 | Yokohama Port | 15 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 2.9 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 10 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 78 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 1,100 |
| Nagano Pref. | 19 | Lake Suwa (center) | 4.0 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 2.8 |
| Aichi Pref. | 21 | Nagoya Port | 58 |
| Mie Pref. | 22 | Yokkaichi Port | 24 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 2.6 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 96 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 37 |
| Osaka City | 26 | Osaka Port | 82 |
| Hyogo Pref. | 27 | Offshore of Himeji | 13 |
| Kobe City | 28 | Kobe Port (center) | 50 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 60 |
| Okayama Pref. | 30 | Offshore of Mizushima | 5.6 |
| Hiroshima Pref. | 31 | Kure Port | 7.0 |
| | 32 | Hiroshima Bay | 6.6 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 16 |
| | 34 | Offshore of Ube | 5.4 |
| | 35 | Offshore of Hagi | tr(1.7) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 2.4 |
| Kagawa Pref. | 37 | Takamatsu Port | 31 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | tr(1.2) |
| Kitakyushu City | 39 | Dokai Bay | 30 |
| Saga Pref. | 40 | Imari Bay | 5.7 |
| Nagasaki Pref. | 41 | Omura Bay | 3.6 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 8.6 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 2.8 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 2.5 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 2.3 |
| Okinawa Pref. | 46 | Naha Port | 36 |

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

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

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

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

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

Monitored year : 2020

Detection Frequency (site) : 37/46 (Missing value : 0)

Detection Frequency (sample) : 37/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 4

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 14 |
| Median | 16 |
| Maximum | 2,200 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 17 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 6 |
| Akita Pref. | 4 | Lake Hachiro | tr(1) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(1) |
| Fukushima Pref. | 6 | Onahama Port | 16 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 16 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 50 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 90 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 120 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 61 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 340 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 390 |
| Yokohama City | 14 | Yokohama Port | 100 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 4 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 5 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 150 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 2,200 |
| Nagano Pref. | 19 | Lake Suwa (center) | 5 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 160 |
| Mie Pref. | 22 | Yokkaichi Port | 47 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | tr(2) |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 270 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 64 |
| Osaka City | 26 | Osaka Port | 280 |
| Hyogo Pref. | 27 | Offshore of Himeji | 20 |
| Kobe City | 28 | Kobe Port (center) | 220 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 17 |
| Okayama Pref. | 30 | Offshore of Mizushima | 7 |
| Hiroshima Pref. | 31 | Kure Port | 21 |
| | 32 | Hiroshima Bay | 11 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 4 |
| | 34 | Offshore of Ube | tr(3) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 4 |
| Kagawa Pref. | 37 | Takamatsu Port | 270 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 330 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 19 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 130 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 0.3

Quantification limit : 0.8

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 37 |
| Median | 27 |
| Maximum | 4,000 |
| Minimum | 2.2 |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 27 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 6.4 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 13 |
| Akita Pref. | 4 | Lake Hachiro | 9.7 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 9.3 |
| Fukushima Pref. | 6 | Onahama Port | 22 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 27 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 45 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 200 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 130 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 63 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 410 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 570 |
| Yokohama City | 14 | Yokohama Port | 150 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 20 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 13 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 120 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 4,000 |
| Nagano Pref. | 19 | Lake Suwa (center) | 16 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 5.2 |
| Aichi Pref. | 21 | Nagoya Port | 190 |
| Mie Pref. | 22 | Yokkaichi Port | 95 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 11 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 450 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 97 |
| Osaka City | 26 | Osaka Port | 460 |
| Hyogo Pref. | 27 | Offshore of Himeji | 25 |
| Kobe City | 28 | Kobe Port (center) | 360 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 33 |
| Okayama Pref. | 30 | Offshore of Mizushima | 13 |
| Hiroshima Pref. | 31 | Kure Port | 47 |
| | 32 | Hiroshima Bay | 35 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 8.9 |
| | 34 | Offshore of Ube | 11 |
| | 35 | Offshore of Hagi | 2.2 |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 8.2 |
| Kagawa Pref. | 37 | Takamatsu Port | 250 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 3.4 |
| Kitakyushu City | 39 | Dokai Bay | 960 |
| Saga Pref. | 40 | Imari Bay | 7.0 |
| Nagasaki Pref. | 41 | Omura Bay | 3.6 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 37 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 3.2 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 4.5 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 4.8 |
| Okinawa Pref. | 46 | Naha Port | 180 |

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

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

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

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

Monitored year : 2020

Detection Frequency (site) : 26/46 (Missing value : 0)

Detection Frequency (sample) : 26/46 (Missing value : 0)

Detection limit : 0.3

Quantification limit : 0.8

| | Aggregated value |
|----------------|------------------|
| Geometric mean | tr(0.5) |
| Median | tr(0.3) |
| Maximum | 14 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | tr(0.3) |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | tr(0.3) |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | tr(0.5) |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 3.8 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 0.9 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | tr(0.4) |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 6.2 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 3.9 |
| Yokohama City | 14 | Yokohama Port | 0.9 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | tr(0.3) |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 1.1 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 0.9 |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 1.5 |
| Mie Pref. | 22 | Yokkaichi Port | tr(0.7) |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 5.2 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 0.9 |
| Osaka City | 26 | Osaka Port | 14 |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | 1.5 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | tr(0.4) |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(0.3) |
| Hiroshima Pref. | 31 | Kure Port | tr(0.3) |
| | 32 | Hiroshima Bay | tr(0.4) |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 2.4 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 8.8 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | tr(0.6) |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | tr(0.7) |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 5/46 (Missing value : 0)

Detection Frequency (sample) : 5/46 (Missing value : 0)

Detection limit : 0.3

Quantification limit : 0.8

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 0.8 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | tr(0.4) |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | nd |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | nd |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | tr(0.7) |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | tr(0.6) |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | tr(0.5) |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | nd |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 0.8 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | nd |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 37/46 (Missing value : 0)

Detection Frequency (sample) : 37/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 13 |
| Median | 15 |
| Maximum | 620 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 30 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 4 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 7 |
| Akita Pref. | 4 | Lake Hachiro | 14 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 10 |
| Fukushima Pref. | 6 | Onahama Port | 10 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 10 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 16 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 260 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 38 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 19 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 160 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 190 |
| Yokohama City | 14 | Yokohama Port | 69 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 12 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 5 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 33 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 620 |
| Nagano Pref. | 19 | Lake Suwa (center) | 12 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 81 |
| Mie Pref. | 22 | Yokkaichi Port | 66 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 9 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 310 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 62 |
| Osaka City | 26 | Osaka Port | 280 |
| Hyogo Pref. | 27 | Offshore of Himeji | 11 |
| Kobe City | 28 | Kobe Port (center) | 180 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 21 |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(1) |
| Hiroshima Pref. | 31 | Kure Port | 40 |
| | 32 | Hiroshima Bay | 34 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(1) |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 76 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 440 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 23 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | tr(2) |
| Okinawa Pref. | 46 | Naha Port | 120 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 24/46 (Missing value : 0)

Detection Frequency (sample) : 24/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | tr(1) |
| Median | tr(1) |
| Maximum | 27 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 3/46 (Missing value : 0)

Detection Frequency (sample) : 3/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | tr(2) |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 35/46 (Missing value : 0)

Detection Frequency (sample) : 35/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 3 |
| Median | 3 |
| Maximum | 58 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 2/46 (Missing value : 0)

Detection Frequency (sample) : 2/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | tr(2) |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 0/46 (Missing value : 0)

Detection Frequency (sample) : 0/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | nd |
| Minimum | nd |

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

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

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

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

(Note 3) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 37/46 (Missing value : 0)

Detection Frequency (sample) : 37/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 8 |
| Median | 8 |
| Maximum | 190 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 17 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 5 |
| Akita Pref. | 4 | Lake Hachiro | 10 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 4 |
| Fukushima Pref. | 6 | Onahama Port | 5 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 5 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 6 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 190 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 9 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 7 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 67 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 55 |
| Yokohama City | 14 | Yokohama Port | 36 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 6 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | tr(1) |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 14 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 14 |
| Nagano Pref. | 19 | Lake Suwa (center) | 9 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 31 |
| Mie Pref. | 22 | Yokkaichi Port | 33 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 5 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 170 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 70 |
| Osaka City | 26 | Osaka Port | 140 |
| Hyogo Pref. | 27 | Offshore of Himeji | 8 |
| Kobe City | 28 | Kobe Port (center) | 160 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 10 |
| Okayama Pref. | 30 | Offshore of Mizushima | 4 |
| Hiroshima Pref. | 31 | Kure Port | 42 |
| | 32 | Hiroshima Bay | 22 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 4 |
| | 34 | Offshore of Ube | tr(2) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 33 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 130 |
| Saga Pref. | 40 | Imari Bay | tr(1) |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 11 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 160 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 10/46 (Missing value : 0)

Detection Frequency (sample) : 10/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 6 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 2/46 (Missing value : 0)

Detection Frequency (sample) : 2/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | tr(2) |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 4/46 (Missing value : 0)

Detection Frequency (sample) : 4/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 3 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 0/46 (Missing value : 0)

Detection Frequency (sample) : 0/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | nd |
| Minimum | nd |

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

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

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

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

(Note 3) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 35/46 (Missing value : 0)

Detection Frequency (sample) : 35/46 (Missing value : 0)

Detection limit : 0.4

Quantification limit : 1.0

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 2.2 |
| Median | 1.6 |
| Maximum | 100 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 5.6 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 1.6 |
| Akita Pref. | 4 | Lake Hachiro | 1.8 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(0.4) |
| Fukushima Pref. | 6 | Onahama Port | 1.2 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | tr(0.5) |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | tr(0.6) |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 39 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | tr(0.8) |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 1.5 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 14 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 12 |
| Yokohama City | 14 | Yokohama Port | 14 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | tr(0.8) |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 7.2 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | 3.3 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 6.3 |
| Mie Pref. | 22 | Yokkaichi Port | 6.5 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 32 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 50 |
| Osaka City | 26 | Osaka Port | 34 |
| Hyogo Pref. | 27 | Offshore of Himeji | 2.0 |
| Kobe City | 28 | Kobe Port (center) | 76 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 2.6 |
| Okayama Pref. | 30 | Offshore of Mizushima | 1.7 |
| Hiroshima Pref. | 31 | Kure Port | 22 |
| | 32 | Hiroshima Bay | 6.5 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 1.6 |
| | 34 | Offshore of Ube | 1.4 |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 8.8 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 46 |
| Saga Pref. | 40 | Imari Bay | 1.2 |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 2.7 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | tr(0.4) |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 100 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 20/46 (Missing value : 0)

Detection Frequency (sample) : 20/46 (Missing value : 0)

Detection limit : 0.4

Quantification limit : 1.0

| | Aggregated value |
|----------------|------------------|
| Geometric mean | tr(0.5) |
| Median | nd |
| Maximum | 9.9 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | tr(0.6) |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | tr(0.4) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 6.1 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 2.3 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1.5 |
| Yokohama City | 14 | Yokohama Port | 1.6 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | tr(0.8) |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | tr(0.6) |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 1.0 |
| Mie Pref. | 22 | Yokkaichi Port | tr(0.9) |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 4.8 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 4.5 |
| Osaka City | 26 | Osaka Port | 4.0 |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | 6.9 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | tr(0.6) |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | 2.1 |
| | 32 | Hiroshima Bay | tr(0.9) |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 1.4 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 4.4 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 9.9 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 34/46 (Missing value : 0)

Detection Frequency (sample) : 34/46 (Missing value : 0)

Detection limit : 0.4

Quantification limit : 1.0

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 1.1 |
| Median | tr(0.8) |
| Maximum | 31 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 1.5 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(0.8) |
| Akita Pref. | 4 | Lake Hachiro | tr(0.8) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(0.4) |
| Fukushima Pref. | 6 | Onahama Port | tr(0.7) |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | tr(0.5) |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 11 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | tr(0.8) |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | tr(0.9) |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 4.1 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 4.0 |
| Yokohama City | 14 | Yokohama Port | 4.5 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | tr(0.8) |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 1.6 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | 1.5 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | 2.2 |
| Mie Pref. | 22 | Yokkaichi Port | 2.1 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 8.0 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 13 |
| Osaka City | 26 | Osaka Port | 8.5 |
| Hyogo Pref. | 27 | Offshore of Himeji | tr(0.8) |
| Kobe City | 28 | Kobe Port (center) | 20 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 1.2 |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(0.7) |
| Hiroshima Pref. | 31 | Kure Port | 5.6 |
| | 32 | Hiroshima Bay | 1.9 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(0.8) |
| | 34 | Offshore of Ube | tr(0.6) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | 2.7 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 12 |
| Saga Pref. | 40 | Imari Bay | tr(0.6) |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 1.1 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | tr(0.4) |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 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) Data treated as detected means detection limit value and more.

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 2/46 (Missing value : 0)

Detection Frequency (sample) : 2/46 (Missing value : 0)

Detection limit : 0.4

Quantification limit : 1.0

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

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 10/46 (Missing value : 0)

Detection Frequency (sample) : 10/46 (Missing value : 0)

Detection limit : 0.6

Quantification limit : 1.5

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 18 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 6.0 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 1.5 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | nd |
| Yokohama City | 14 | Yokohama Port | tr(0.7) |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 2.8 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 11 |
| Osaka City | 26 | Osaka Port | 4.5 |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | 11 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | 2.8 |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 6.2 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 18 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 8/46 (Missing value : 0)

Detection Frequency (sample) : 8/46 (Missing value : 0)

Detection limit : 0.4

Quantification limit : 1.0

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 4.6 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 4.6 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | tr(0.5) |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | nd |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | tr(0.6) |
| Osaka City | 26 | Osaka Port | tr(0.4) |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | tr(0.4) |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(0.7) |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | tr(0.4) |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | 1.7 |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 5/46 (Missing value : 0)

Detection Frequency (sample) : 5/46 (Missing value : 0)

Detection limit : 0.8

Quantification limit : 2.2

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 7.6 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 6.4 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | tr(1.6) |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | tr(1.5) |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | nd |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | nd |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | nd |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(2.1) |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 7.6 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | nd |

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 0.8

Quantification limit : 2.0

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 7.9 |
| Median | 6.1 |
| Maximum | 600 |
| Minimum | 2.7 |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 21 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 6.5 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 4.5 |
| Akita Pref. | 4 | Lake Hachiro | 5.1 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 7.2 |
| Fukushima Pref. | 6 | Onahama Port | 61 |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | 23 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 7.2 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 600 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 17 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 7.2 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 47 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 6.7 |
| Yokohama City | 14 | Yokohama Port | 4.8 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 13 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 6.3 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 21 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 4.3 |
| Nagano Pref. | 19 | Lake Suwa (center) | 11 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 4.4 |
| Aichi Pref. | 21 | Nagoya Port | 3.3 |
| Mie Pref. | 22 | Yokkaichi Port | 5.9 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 3.6 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 8.5 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 7.4 |
| Osaka City | 26 | Osaka Port | 8.6 |
| Hyogo Pref. | 27 | Offshore of Himeji | 3.1 |
| Kobe City | 28 | Kobe Port (center) | 3.8 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 6.1 |
| Okayama Pref. | 30 | Offshore of Mizushima | 63 |
| Hiroshima Pref. | 31 | Kure Port | 3.0 |
| | 32 | Hiroshima Bay | 3.2 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 15 |
| | 34 | Offshore of Ube | 3.1 |
| | 35 | Offshore of Hagi | 3.0 |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 4.6 |
| Kagawa Pref. | 37 | Takamatsu Port | 6.1 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 4.7 |
| Kitakyushu City | 39 | Dokai Bay | 49 |
| Saga Pref. | 40 | Imari Bay | 2.7 |
| Nagasaki Pref. | 41 | Omura Bay | 2.7 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 6.8 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 4.3 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 4.0 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 4.8 |
| Okinawa Pref. | 46 | Naha Port | 2.7 |

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

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

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

[7] Chlordanes/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 45/46 (Missing value : 0)

Detection Frequency (sample) : 45/46 (Missing value : 0)

Detection limit : *8

Quantification limit : *18

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 37 |
| Median | 30 |
| Maximum | 350 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 28 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(13) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(11) |
| Akita Pref. | 4 | Lake Hachiro | tr(11) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(13) |
| Fukushima Pref. | 6 | Onahama Port | 22 |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | 36 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 99 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 290 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 110 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 130 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 70 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 68 |
| Yokohama City | 14 | Yokohama Port | 37 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 32 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 25 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 200 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 23 |
| Nagano Pref. | 19 | Lake Suwa (center) | 18 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | tr(15) |
| Aichi Pref. | 21 | Nagoya Port | 39 |
| Mie Pref. | 22 | Yokkaichi Port | 35 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 18 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 270 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 270 |
| Osaka City | 26 | Osaka Port | 220 |
| Hyogo Pref. | 27 | Offshore of Himeji | tr(16) |
| Kobe City | 28 | Kobe Port (center) | 52 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 52 |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(14) |
| Hiroshima Pref. | 31 | Kure Port | 18 |
| | 32 | Hiroshima Bay | 23 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(17) |
| | 34 | Offshore of Ube | tr(12) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 19 |
| Kagawa Pref. | 37 | Takamatsu Port | 230 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 21 |
| Kitakyushu City | 39 | Dokai Bay | 27 |
| Saga Pref. | 40 | Imari Bay | tr(13) |
| Nagasaki Pref. | 41 | Omura Bay | tr(11) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 86 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 40 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 37 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 39 |
| Okinawa Pref. | 46 | Naha Port | 350 |

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

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

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

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

(Note 4) nd : Not detected

(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

[7-1] *cis*-Chlordane/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 2

Quantification limit : 5

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 12 |
| Median | 10 |
| Maximum | 120 |
| Minimum | tr(2) |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 8 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(4) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(3) |
| Akita Pref. | 4 | Lake Hachiro | tr(3) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(4) |
| Fukushima Pref. | 6 | Onahama Port | 7 |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | 13 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 34 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 89 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 40 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 49 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 23 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 25 |
| Yokohama City | 14 | Yokohama Port | 15 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 12 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 9 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 73 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 9 |
| Nagano Pref. | 19 | Lake Suwa (center) | 7 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 5 |
| Aichi Pref. | 21 | Nagoya Port | 13 |
| Mie Pref. | 22 | Yokkaichi Port | 11 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 6 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 94 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 97 |
| Osaka City | 26 | Osaka Port | 81 |
| Hyogo Pref. | 27 | Offshore of Himeji | 5 |
| Kobe City | 28 | Kobe Port (center) | 16 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 17 |
| Okayama Pref. | 30 | Offshore of Mizushima | 5 |
| Hiroshima Pref. | 31 | Kure Port | 6 |
| | 32 | Hiroshima Bay | 7 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 5 |
| | 34 | Offshore of Ube | tr(4) |
| | 35 | Offshore of Hagi | tr(2) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 6 |
| Kagawa Pref. | 37 | Takamatsu Port | 79 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 7 |
| Kitakyushu City | 39 | Dokai Bay | 9 |
| Saga Pref. | 40 | Imari Bay | tr(4) |
| Nagasaki Pref. | 41 | Omura Bay | tr(4) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 26 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 12 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 12 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 12 |
| Okinawa Pref. | 46 | Naha Port | 120 |

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

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

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

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

[7-2] *trans*-Chlordane/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 2

Quantification limit : 4

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 11 |
| Median | 8 |
| Maximum | 98 |
| Minimum | tr(3) |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 11 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 4 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 4 |
| Akita Pref. | 4 | Lake Hachiro | 4 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 4 |
| Fukushima Pref. | 6 | Onahama Port | 7 |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | 9 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 28 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 66 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 26 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 43 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 17 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 18 |
| Yokohama City | 14 | Yokohama Port | 8 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 8 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 6 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 65 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 5 |
| Nagano Pref. | 19 | Lake Suwa (center) | 4 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | tr(3) |
| Aichi Pref. | 21 | Nagoya Port | 12 |
| Mie Pref. | 22 | Yokkaichi Port | 9 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 6 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 83 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 75 |
| Osaka City | 26 | Osaka Port | 64 |
| Hyogo Pref. | 27 | Offshore of Himeji | 5 |
| Kobe City | 28 | Kobe Port (center) | 19 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 14 |
| Okayama Pref. | 30 | Offshore of Mizushima | 4 |
| Hiroshima Pref. | 31 | Kure Port | 6 |
| | 32 | Hiroshima Bay | 7 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 6 |
| | 34 | Offshore of Ube | 4 |
| | 35 | Offshore of Hagi | tr(3) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 6 |
| Kagawa Pref. | 37 | Takamatsu Port | 57 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 6 |
| Kitakyushu City | 39 | Dokai Bay | 9 |
| Saga Pref. | 40 | Imari Bay | 4 |
| Nagasaki Pref. | 41 | Omura Bay | tr(3) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 23 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 11 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 11 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 10 |
| Okinawa Pref. | 46 | Naha Port | 98 |

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

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

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

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

[7-3] Oxychlorane/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 21/46 (Missing value : 0)

Detection Frequency (sample) : 21/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | tr(1) |
| Median | nd |
| Maximum | 8 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

[7-4] *cis*-Nonachlor/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 0.5

Quantification limit : 1.3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 3.8 |
| Median | 2.8 |
| Maximum | 39 |
| Minimum | tr(0.6) |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 1.3 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(0.9) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(1.0) |
| Akita Pref. | 4 | Lake Hachiro | tr(1.1) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(1.0) |
| Fukushima Pref. | 6 | Onahama Port | 2.4 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 4.1 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 8.6 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 38 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 11 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 9.0 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 9.7 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 7.8 |
| Yokohama City | 14 | Yokohama Port | 4.1 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 2.7 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 2.6 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 16 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 2.3 |
| Nagano Pref. | 19 | Lake Suwa (center) | 2.1 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 1.6 |
| Aichi Pref. | 21 | Nagoya Port | 4.4 |
| Mie Pref. | 22 | Yokkaichi Port | 4.7 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 1.8 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 22 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 26 |
| Osaka City | 26 | Osaka Port | 20 |
| Hyogo Pref. | 27 | Offshore of Himeji | 1.8 |
| Kobe City | 28 | Kobe Port (center) | 3.8 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 5.1 |
| Okayama Pref. | 30 | Offshore of Mizushima | 1.5 |
| Hiroshima Pref. | 31 | Kure Port | 2.1 |
| | 32 | Hiroshima Bay | 2.7 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 1.6 |
| | 34 | Offshore of Ube | 1.4 |
| | 35 | Offshore of Hagi | tr(0.6) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 1.8 |
| Kagawa Pref. | 37 | Takamatsu Port | 24 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 2.0 |
| Kitakyushu City | 39 | Dokai Bay | 3.0 |
| Saga Pref. | 40 | Imari Bay | 1.7 |
| Nagasaki Pref. | 41 | Omura Bay | tr(1.1) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 11 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 4.5 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 4.0 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 4.9 |
| Okinawa Pref. | 46 | Naha Port | 39 |

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

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

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

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

[7-5] *trans*-Nonachlor/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 45/46 (Missing value : 0)

Detection Frequency (sample) : 45/46 (Missing value : 0)

Detection limit : 2

Quantification limit : 5

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 9 |
| Median | 8 |
| Maximum | 95 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 6 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(4) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(3) |
| Akita Pref. | 4 | Lake Hachiro | tr(3) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | tr(4) |
| Fukushima Pref. | 6 | Onahama Port | 6 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 9 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 25 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 95 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 27 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 28 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 18 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 15 |
| Yokohama City | 14 | Yokohama Port | 9 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 8 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 7 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 46 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 7 |
| Nagano Pref. | 19 | Lake Suwa (center) | 5 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 5 |
| Aichi Pref. | 21 | Nagoya Port | 10 |
| Mie Pref. | 22 | Yokkaichi Port | 9 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | tr(4) |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 64 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 62 |
| Osaka City | 26 | Osaka Port | 47 |
| Hyogo Pref. | 27 | Offshore of Himeji | tr(4) |
| Kobe City | 28 | Kobe Port (center) | 13 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 14 |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(3) |
| Hiroshima Pref. | 31 | Kure Port | tr(4) |
| | 32 | Hiroshima Bay | 6 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(4) |
| | 34 | Offshore of Ube | tr(3) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 5 |
| Kagawa Pref. | 37 | Takamatsu Port | 62 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 6 |
| Kitakyushu City | 39 | Dokai Bay | 6 |
| Saga Pref. | 40 | Imari Bay | tr(3) |
| Nagasaki Pref. | 41 | Omura Bay | tr(3) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 22 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 11 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 10 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 11 |
| Okinawa Pref. | 46 | Naha Port | 85 |

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

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

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

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

(Note 4) nd : Not detected

[8] Heptachlors/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 28/46 (Missing value : 0)

Detection Frequency (sample) : 28/46 (Missing value : 0)

Detection limit : *3

Quantification limit : *7

| | Aggregated value |
|----------------|------------------|
| Geometric mean | tr(4) |
| Median | tr(4) |
| Maximum | 37 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

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

Monitored year : 2020

Detection Frequency (site) : 5/46 (Missing value : 0)

Detection Frequency (sample) : 5/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | tr(2) |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

[8-2] *cis*-Heptachlor epoxide/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 44/46 (Missing value : 0)

Detection Frequency (sample) : 44/46 (Missing value : 0)

Detection limit : 0.9

Quantification limit : 2.3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 4.0 |
| Median | 3.4 |
| Maximum | 36 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 36 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(1.3) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(1.3) |
| Akita Pref. | 4 | Lake Hachiro | tr(1.7) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 2.3 |
| Fukushima Pref. | 6 | Onahama Port | tr(1.4) |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 11 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 9.2 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 26 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 14 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 13 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 7.9 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 9.5 |
| Yokohama City | 14 | Yokohama Port | 4.8 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 3.8 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 4.1 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 16 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | tr(1.5) |
| Nagano Pref. | 19 | Lake Suwa (center) | 2.9 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | tr(1.0) |
| Aichi Pref. | 21 | Nagoya Port | 3.7 |
| Mie Pref. | 22 | Yokkaichi Port | 3.2 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | tr(2.1) |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 34 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 36 |
| Osaka City | 26 | Osaka Port | 23 |
| Hyogo Pref. | 27 | Offshore of Himeji | tr(1.4) |
| Kobe City | 28 | Kobe Port (center) | 2.9 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 3.4 |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(1.7) |
| Hiroshima Pref. | 31 | Kure Port | tr(1.1) |
| | 32 | Hiroshima Bay | tr(1.7) |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(1.0) |
| | 34 | Offshore of Ube | tr(1.0) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 4.6 |
| Kagawa Pref. | 37 | Takamatsu Port | 19 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | tr(1.6) |
| Kitakyushu City | 39 | Dokai Bay | 2.6 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | tr(1.5) |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 6.5 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 3.5 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 3.7 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 16 |
| Okinawa Pref. | 46 | Naha Port | 16 |

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

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

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

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

(Note 4) nd : Not detected

[8-3] *trans*-Heptachlor epoxide/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 0/46 (Missing value : 0)

Detection Frequency (sample) : 0/46 (Missing value : 0)

Detection limit : 0.7

Quantification limit : 1.9

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | nd |
| Minimum | nd |

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

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

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

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

(Note 3) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 30

Quantification limit : 80

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 330 |
| Median | 260 |
| Maximum | 3,700 |
| Minimum | tr(52) |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | tr(78) |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 110 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 97 |
| Akita Pref. | 4 | Lake Hachiro | 250 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 430 |
| Fukushima Pref. | 6 | Onahama Port | 110 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 700 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 1,200 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 710 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 1,200 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 3,700 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 820 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1,600 |
| Yokohama City | 14 | Yokohama Port | 1,500 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 180 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 170 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 2,200 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 140 |
| Nagano Pref. | 19 | Lake Suwa (center) | 280 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 140 |
| Aichi Pref. | 21 | Nagoya Port | 730 |
| Mie Pref. | 22 | Yokkaichi Port | 330 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 470 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 2,300 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 1,600 |
| Osaka City | 26 | Osaka Port | 2,500 |
| Hyogo Pref. | 27 | Offshore of Himeji | 190 |
| Kobe City | 28 | Kobe Port (center) | 550 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 250 |
| Okayama Pref. | 30 | Offshore of Mizushima | 180 |
| Hiroshima Pref. | 31 | Kure Port | 370 |
| | 32 | Hiroshima Bay | 350 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(72) |
| | 34 | Offshore of Ube | 110 |
| | 35 | Offshore of Hagi | tr(52) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 120 |
| Kagawa Pref. | 37 | Takamatsu Port | 690 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | tr(55) |
| Kitakyushu City | 39 | Dokai Bay | 250 |
| Saga Pref. | 40 | Imari Bay | tr(53) |
| Nagasaki Pref. | 41 | Omura Bay | 190 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 330 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 120 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 110 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 170 |
| Okinawa Pref. | 46 | Naha Port | 2,400 |

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

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

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

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

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

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 30

Quantification limit : 90

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 1,100 |
| Median | 920 |
| Maximum | 16,000 |
| Minimum | 220 |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 410 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | 410 |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | 380 |
| Akita Pref. | 4 | Lake Hachiro | 1,600 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 620 |
| Fukushima Pref. | 6 | Onahama Port | 700 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 3,100 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 1,700 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 3,200 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 2,400 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 3,800 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 1,300 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1,400 |
| Yokohama City | 14 | Yokohama Port | 1,000 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 620 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 530 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 7,600 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | 520 |
| Nagano Pref. | 19 | Lake Suwa (center) | 660 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 390 |
| Aichi Pref. | 21 | Nagoya Port | 1,400 |
| Mie Pref. | 22 | Yokkaichi Port | 2,100 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 3,300 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 7,100 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 16,000 |
| Osaka City | 26 | Osaka Port | 9,900 |
| Hyogo Pref. | 27 | Offshore of Himeji | 840 |
| Kobe City | 28 | Kobe Port (center) | 1,700 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 1,900 |
| Okayama Pref. | 30 | Offshore of Mizushima | 710 |
| Hiroshima Pref. | 31 | Kure Port | 360 |
| | 32 | Hiroshima Bay | 480 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | 270 |
| | 34 | Offshore of Ube | 330 |
| | 35 | Offshore of Hagi | 720 |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | 490 |
| Kagawa Pref. | 37 | Takamatsu Port | 2,200 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | 920 |
| Kitakyushu City | 39 | Dokai Bay | 920 |
| Saga Pref. | 40 | Imari Bay | 790 |
| Nagasaki Pref. | 41 | Omura Bay | 1,900 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 1,300 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | 910 |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 220 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 410 |
| Okinawa Pref. | 46 | Naha Port | 360 |

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

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

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

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

[17] Pentachlorobenzene/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 46/46 (Missing value : 0)

Detection Frequency (sample) : 46/46 (Missing value : 0)

Detection limit : 1

Quantification limit : 3

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 7 |
| Median | 5 |
| Maximum | 500 |
| Minimum | tr(2) |

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

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

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

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

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

[21] Hexachlorobuta-1,3-diene/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 1/46 (Missing value : 0)

Detection Frequency (sample) : 1/46 (Missing value : 0)

Detection limit : 40

Quantification limit : 100

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 490 |
| Minimum | nd |

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

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

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

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

(Note 3) nd : Not detected

[23] Short-chain chlorinated paraffins/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 5/46 (Missing value : 0)

Detection Frequency (sample) : 5/46 (Missing value : 0)

Detection limit : *1,000

Quantification limit : *2,500

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 7,800 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

(Note 5) * : Indicates the sum value of the Quantification [Detection] limits of each congeners.

[23-1] Chlorinated decanes/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 16/46 (Missing value : 0)

Detection Frequency (sample) : 16/46 (Missing value : 0)

Detection limit : 200

Quantification limit : 400

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 1,800 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 630 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | tr(340) |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(360) |
| Akita Pref. | 4 | Lake Hachiro | tr(240) |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | tr(370) |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | tr(300) |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | tr(310) |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 600 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | nd |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1,800 |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | tr(210) |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | nd |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | nd |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | tr(240) |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | nd |
| Saga Pref. | 40 | Imari Bay | tr(260) |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | tr(230) |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | tr(220) |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | tr(280) |
| Okinawa Pref. | 46 | Naha Port | tr(230) |

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

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

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

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

(Note 4) nd : Not detected

[23-2] Chlorinated undecanes/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 4/46 (Missing value : 0)

Detection Frequency (sample) : 4/46 (Missing value : 0)

Detection limit : 300

Quantification limit : 900

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 2,400 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City) | nd |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | tr(470) |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | tr(440) |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | nd |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 2,400 |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | nd |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | nd |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 970 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | nd |

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

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

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

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

(Note 4) nd : Not detected

[23-3] Chlorinated dodecanes/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 4/46 (Missing value : 0)

Detection Frequency (sample) : 4/46 (Missing value : 0)

Detection limit : 300

Quantification limit : 700

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 2,600 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | 790 |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 2,600 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | nd |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | nd |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 1,600 |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | nd |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | nd |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | nd |
| | 34 | Offshore of Ube | nd |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | nd |
| Kagawa Pref. | 37 | Takamatsu Port | nd |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 1,100 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | nd |

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

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

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

(Note 3) nd : Not detected

[23-4] Chlorinated tridecanes/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 8/46 (Missing value : 0)

Detection Frequency (sample) : 8/46 (Missing value : 0)

Detection limit : 200

Quantification limit : 500

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 2,000 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | nd |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | nd |
| Akita Pref. | 4 | Lake Hachiro | nd |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | nd |
| Fukushima Pref. | 6 | Onahama Port | nd |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 890 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | nd |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | nd |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | nd |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | nd |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | nd |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 2,000 |
| Yokohama City | 14 | Yokohama Port | nd |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | nd |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | nd |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | nd |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | nd |
| Nagano Pref. | 19 | Lake Suwa (center) | nd |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | nd |
| Aichi Pref. | 21 | Nagoya Port | nd |
| Mie Pref. | 22 | Yokkaichi Port | nd |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | nd |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | nd |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | nd |
| Osaka City | 26 | Osaka Port | nd |
| Hyogo Pref. | 27 | Offshore of Himeji | nd |
| Kobe City | 28 | Kobe Port (center) | tr(210) |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | nd |
| Okayama Pref. | 30 | Offshore of Mizushima | nd |
| Hiroshima Pref. | 31 | Kure Port | nd |
| | 32 | Hiroshima Bay | nd |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(350) |
| | 34 | Offshore of Ube | tr(260) |
| | 35 | Offshore of Hagi | nd |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | tr(200) |
| Kagawa Pref. | 37 | Takamatsu Port | tr(380) |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 750 |
| Saga Pref. | 40 | Imari Bay | nd |
| Nagasaki Pref. | 41 | Omura Bay | nd |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | nd |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | nd |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | nd |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | nd |
| Okinawa Pref. | 46 | Naha Port | nd |

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

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

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

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

(Note 4) nd : Not detected

[24] Dicofol/surface water (pg/L)

Monitored year : 2020

Detection Frequency (site) : 1/46 (Missing value : 0)

Detection Frequency (sample) : 1/46 (Missing value : 0)

Detection limit : 5

Quantification limit : 13

| | Aggregated value |
|----------------|------------------|
| Geometric mean | nd |
| Median | nd |
| Maximum | 30 |
| Minimum | nd |

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

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

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

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

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

(Note 4) nd : Not detected

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

Monitored year : 2020

Detection Frequency (site) : 44/46 (Missing value : 0)

Detection Frequency (sample) : 44/46 (Missing value : 0)

Detection limit : 20

Quantification limit : 60

| | Aggregated value |
|----------------|------------------|
| Geometric mean | 160 |
| Median | 120 |
| Maximum | 1,500 |
| Minimum | nd |

| Local communities | No. | Monitored sites | Measured value |
|-------------------|-----|--|----------------|
| Hokkaido | 1 | Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City) | tr(47) |
| Iwate Pref. | 2 | Toyosawa Bridge, Riv. Toyosawa (Hanamaki City) | nd |
| Miyagi Pref. | 3 | Sendai Bay (Matsushima Bay) | tr(48) |
| Akita Pref. | 4 | Lake Hachiro | 74 |
| Yamagata Pref. | 5 | Mouth of Riv. Mogami (Sakata City) | 230 |
| Fukushima Pref. | 6 | Onahama Port | 80 |
| Ibaraki Pref. | 7 | Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City) | 620 |
| Tochigi Pref. | 8 | Tagawa Kyubun Area Head Works (Utsunomiya City) | 1,300 |
| Gunma Pref. | 9 | Tone-ozeki Weir, Riv. Tone (Chiyoda Town) | 820 |
| Saitama Pref. | 10 | Akigase-shusuizeki Weir, Riv. Arakawa (Shiki City) | 730 |
| Chiba City | 11 | Mouth of Riv. Hanami (Chiba City) | 540 |
| Tokyo Met. | 12 | Mouth of Riv. Arakawa (Koto Ward) | 440 |
| | 13 | Mouth of Riv. Sumida (Minato Ward) | 830 |
| Yokohama City | 14 | Yokohama Port | 390 |
| Niigata Pref. | 15 | Lower Riv. Shinano (Niigata City) | 110 |
| Toyama Pref. | 16 | Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City) | 62 |
| Ishikawa Pref. | 17 | Mouth of Riv. Sai (Kanazawa City) | 960 |
| Fukui Pref. | 18 | Mishima-bashi Bridge, Riv. Shono (Tsuruga City) | tr(29) |
| Nagano Pref. | 19 | Lake Suwa (center) | 140 |
| Shizuoka Pref. | 20 | Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City) | 69 |
| Aichi Pref. | 21 | Nagoya Port | 210 |
| Mie Pref. | 22 | Yokkaichi Port | 220 |
| Shiga Pref. | 23 | Lake Biwa (center, offshore of Karasaki) | 280 |
| Kyoto City | 24 | Miyamae-bashi Bridge, Riv. Katsura (Kyoto City) | 1,500 |
| Osaka Pref. | 25 | Mouth of Riv. Yamato (Sakai City) | 900 |
| Osaka City | 26 | Osaka Port | 1,000 |
| Hyogo Pref. | 27 | Offshore of Himeji | 89 |
| Kobe City | 28 | Kobe Port (center) | 160 |
| Wakayama Pref. | 29 | Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City) | 110 |
| Okayama Pref. | 30 | Offshore of Mizushima | 88 |
| Hiroshima Pref. | 31 | Kure Port | 93 |
| | 32 | Hiroshima Bay | 170 |
| Yamaguchi Pref. | 33 | Tokuyama Bay | tr(48) |
| | 34 | Offshore of Ube | 61 |
| | 35 | Offshore of Hagi | tr(35) |
| Tokushima Pref. | 36 | Mouth of Riv. Yoshino (Tokushima City) | tr(49) |
| Kagawa Pref. | 37 | Takamatsu Port | 370 |
| Kochi Pref. | 38 | Mouth of Riv. Shimanto (Shimanto City) | nd |
| Kitakyushu City | 39 | Dokai Bay | 95 |
| Saga Pref. | 40 | Imari Bay | tr(58) |
| Nagasaki Pref. | 41 | Omura Bay | 150 |
| Kumamoto Pref. | 42 | Hiraki-bashi Bridge, Riv. Midori (Uto City) | 500 |
| Miyazaki Pref. | 43 | Mouth of Riv. Oyodo (Miyazaki City) | tr(43) |
| Kagoshima Pref. | 44 | Shinkawa-bashi Bridge, Riv. Amori (Kirishima City) | 110 |
| | 45 | Gotanda-bashi Bridge, Riv. Gotanda (Ichikikushikino City) | 110 |
| Okinawa Pref. | 46 | Naha Port | 510 |

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

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

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

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

(Note 4) nd : Not detected