17 Environment

This chapter contains statistics on greenhouse gases, waste disposal, air pollution, sewage and water quality and public hazards.

Japan's National Greenhouse Gas Emissions and Removals These are compiled and released annually by the Ministry of the Environment and the National Institute for Environmental Studies. In accordance with Articles 4 and 12 of the United Nations Framework Convention on Climate Change, Article 13 of the Paris Agreement, and the relevant decisions of the Conference of the Parties, Japan is required to prepare an annual inventory of its greenhouse gas emissions and absorption and submit it to the United Nations. In addition, Article 7 of the Act on Promotion of Global Warming Countermeasures, which stipulates these domestic measures, stipulates that the amount of greenhouse gas emissions and absorption in Japan shall be calculated and made public. This chapter covers greenhouse gas emissions.

Survey on the State of Discharge and Treatment of Industrial Waste This survey has been conducted by the Ministry of the Environment every five years since fiscal 1975 and every year since fiscal 1990 for the purpose of investigating the discharge and disposal of industrial waste and obtaining basic data on the promotion of industrial waste disposal administration. The survey clarifies amount of output, recycle use, midway disposal, and final disposal of industrial wastes by prefecture. Covered industries are 18 categories of businesses selected from Japan Standard Industrial Classification (Rev.12, 13) in which industrial wastes are presumably produced. And, covered wastes are 19 categories of waste as specified by the Waste Management and Public Cleansing Act.

Status of Illegal Dumping of Industrial Waste, etc. This is surveyed and released by the Ministry of the Environment. This survey investigates the status of newly identified cases of illegal dumping each fiscal year and the remaining amount of cases of illegal dumping at the end of the fiscal year for the purpose of providing basic data for policy formation related to measures against illegal dumping of industrial waste, etc. Illegal dumping covers cases of dumping 10 tons or more of waste that were noticed by prefectures or designated cities (all cases for specially controlled industrial waste: waste oil, waste acids and alkalis, infectious industrial waste, waste PCBs, waste asbestos, waste mercury, and others).

Survey on Disposal of General Waste This survey is conducted by the Ministry of the Environment to obtain basic data on the promotion of general waste administration. The results of the survey are compiled and released by the Ministry of the Environment to municipalities and special local governments (some administrative associations) nationwide. This survey investigates the situation of general waste (refuse and human waste) as of the end of March every year.

Results of Sorted Collection in Municipalities Based on the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging These results are released by the Ministry of the Environment annually. The amounts of sorted collection in municipalities and delivery for recycling in municipalities based on the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging are compiled.

Status of Air Pollution In accordance with Article 22 of the Air Pollution Control Act, air pollution is monitored continuously in prefectures and cities designated under the Air Pollution Control Act by the Ministry of the Environment.

The Ministry of the Environment releases the results of monitoring and measurement every year. These surveys are conducted on air pollutants (excluding hazardous air pollutants) and on hazardous air pollutants.

Urban Planning Survey This survey is released every year by the Ministry of Land, Infrastructure, Transport and Tourism for the purpose of grasping the various present conditions of city planning. It is commissioned to prefectural city planning divisions to investigate the decision status of city planning. This chapter covers the development status of sewerage systems among city planning facilities.

Results of Water Quality Measurements in Areas of Water for Public Use These results are published every year by the Ministry of the Environment with the aim of contributing to the smooth promotion of water environmental administration in the future by compiling the results of water quality measurements in areas of water for public use conducted by prefectures, etc. for environmental standards, trihalomethanes, and items requiring monitoring and grasping the state of water quality nationwide. Water quality measurements in areas of water for public use have been conducted by prefectures, etc. since fiscal 1971 based on the provisions of the Water Pollution Prevention Act, focusing on items for which environmental standards for water pollution have been established. Since fiscal 1995, measurements of trihalomethanes in water source areas have also been conducted.

Pollution Complaint Survey This survey is conducted every year by the Environmental Dispute Coordination Commission in accordance with Article 49-2 of the Act on the Settlement of Environmental Pollution Disputes. It is designed to illuminate complaints regarding environmental pollution that are received by the pollution complaint offices of local governments nationwide and how they are processed. The purpose is to examine the nature of pollution complaints, to provide basic data for pollution control measures, and to contribute to smoother processing of pollution complaints. This survey was started in fiscal 1994 combining two precedent surveys; the Survey of Number of Pollution Complaint Cases and the Status of Pollution Complaint Treatments by local governments.

See the Glossary for Terms in this chapter.

17-1 国内温室効果ガス排出量（令和2～6年度）

Greenhouse Gases Emissions by Kind (F.Y. 2020 to 2024)

（単位 100万トンCO_2換算） (In million tons of CO_2 equivalent)

温室効果ガス	Greenhouse gases	令和2年度 F.Y. 2020	3年度 F.Y. 2021	4年度 F.Y. 2022	5年度 F.Y. 2023	6年度 F.Y. 2024
計	Total	1,121	1,142	1,111	1,067	1,046
二酸化炭素（CO_2）	Carbon dioxide	1,037	1,059	1,029	988	971
メタン（CH_4）	Methane	30.5	30.5	29.9	29.5	27.9
一酸化二窒素（N_2O）	Nitrous oxide	16.8	16.8	16.0	15.2	14.8
ハイドロフルオロカーボン類（HFCs）	Hydrofluorocarbons 1)	30.9	31.0	29.8	28.5	27.6
パーフルオロカーボン類（PFCs）	Perfluorocarbons 1)	3.2	2.9	3.0	3.1	2.5
六ふっ化硫黄（SF_6）	Sulphur hexafluoride 1)	2.2	2.2	2.1	2.1	2.0
三ふっ化窒素（NF_3）	Nitrogen trifluoride 1)	0.3	0.3	0.3	0.2	0.2

1） 暦年

1) Calendar year.

資料 環境省「温室効果ガス排出・吸収量（日本の温室効果ガス排出量データ）」

Source: Ministry of the Environment.

17-2 国内二酸化炭素の部門別排出量（令和2～6年度）

Allocated Carbon Dioxide Emissions by Sector (F.Y. 2020 to 2024)

（単位 100万トンCO_2換算） (In million tons of CO_2 equivalent)

部門	Sector	令和2年度 F.Y. 2020	3年度 F.Y. 2021	4年度 F.Y. 2022	5年度 F.Y. 2023	6年度 F.Y. 2024
合計	Total	1,037	1,059	1,029	988	971
エネルギー起源	Energy-related CO_2 1)	968	987	961	922	907
産業部門（工場等）	Industry (factory etc.)	356	373	353	343	334
運輸部門（自動車等）	Transportation (automobile etc.)	183	185	192	190	187
業務その他部門（商業・サービス・事業所等）	Commercial and other (commerce, services, office etc.)	182	187	177	162	162
家庭部門	Residential	167	160	158	147	146
エネルギー転換部門	Energy transformation	79.8	82.3	81.8	79.7	76.8
非エネルギー起源	Non-energy related CO_2	69.4	71.5	68.5	66.5	64.9
工業プロセス及び製品の使用	Industrial processes and product use	42.6	44.1	41.0	38.4	37.3
廃棄物（焼却等）	Waste (incineration etc.)	24.5	25.3	25.4	25.9	25.5
その他（農業・間接CO_2等）	Other (agriculture and indirect CO_2 etc.) 2)	2.3	2.2	2.1	2.1	2.1

1） 発電及び熱発生に伴うエネルギー起源の二酸化炭素排出量は電力及び熱の消費量に応じて各部門に配分されている。 2） 燃料からの漏出等による排出を含む。

1) The emissions of energy-related carbon dioxide from the generation of power and the heat release are allotted to each sectors according to the consumption of electricity and heat. 2) Including the emission from energy leakage, etc.

資料 環境省「温室効果ガス排出・吸収量（日本の温室効果ガス排出量データ）」

Source: Ministry of the Environment.

17-3 都道府県別産業廃棄物の排出量（令和5年度）

Discharge of Industrial Waste by Prefecture (F.Y. 2023)

都道府県 Prefecture		排出量 Waste discharge (1,000t)	不法投棄 Illegal dumping 件数 Cases	不法投棄 Illegal dumping 投棄量 Dumped waste (t)	都道府県 Prefecture		排出量 Waste discharge (1,000t)	不法投棄 Illegal dumping 件数 Cases	不法投棄 Illegal dumping 投棄量 Dumped waste (t)
全国	Japan	367,250	100	41,637	三重県	Mie-*ken*	8,114	10	619
北海道	Hokkaido	36,223	5	355	滋賀県	Shiga-*ken*	3,921	1	207
青森県	Aomori-*ken*	4,670	1	1,825	京都府	Kyoto-*fu*	4,266	-	-
岩手県	Iwate-*ken*	5,860	-	-	大阪府	Osaka-*fu*	12,804	-	-
宮城県	Miyagi-*ken*	9,864	-	-	兵庫県	Hyogo-*ken*	18,043	2	20,060
秋田県	Akita-*ken*	3,301	-	-	奈良県	Nara-*ken*	1,422	1	485
山形県	Yamagata-*ken*	3,628	-	-	和歌山県	Wakayama-*ken*	2,141	1	8,700
福島県	Fukushima-*ken*	8,210	5	227	鳥取県	Tottori-*ken*	1,733	-	-
茨城県	Ibaraki-*ken*	11,614	18	5,607	島根県	Shimane-*ken*	2,339	-	-
栃木県	Tochigi-*ken*	7,205	-	-	岡山県	Okayama-*ken*	6,063	2	25
群馬県	Gumma-*ken*	5,256	-	-	広島県	Hiroshima-*ken*	7,326	-	-
埼玉県	Saitama-*ken*	10,370	-	-	山口県	Yamaguchi-*ken*	6,801	-	-
千葉県	Chiba-*ken*	19,202	12	1,177	徳島県	Tokushima-*ken*	2,813	1	11
東京都	Tokyo-*to*	25,829	-	-	香川県	Kagawa-*ken*	2,671	-	-
神奈川県	Kanagawa-*ken*	15,834	4	89	愛媛県	Ehime-*ken*	7,590	1	28
新潟県	Niigata-*ken*	8,856	1	35	高知県	Kochi-*ken*	1,302	1	133
富山県	Toyama-*ken*	4,062	-	-	福岡県	Fukuoka-*ken*	11,031	-	-
石川県	Ishikawa-*ken*	2,868	-	-	佐賀県	Saga-*ken*	3,046	-	-
福井県	Fukui-*ken*	2,652	-	-	長崎県	Nagasaki-*ken*	4,375	2	489
山梨県	Yamanashi-*ken*	1,719	4	368	熊本県	Kumamoto-*ken*	7,146	2	98
長野県	Nagano-*ken*	4,401	-	-	大分県	Oita-*ken*	3,382	6	87
岐阜県	Gifu-*ken*	4,727	4	398	宮崎県	Miyazaki-*ken*	7,916	-	-
静岡県	Shizuoka-*ken*	9,990	1	14	鹿児島県	Kagoshima-*ken*	11,624	11	277
愛知県	Aichi-*ken*	19,734	3	315	沖縄県	Okinawa-*ken*	3,311	1	10

資料 環境省「産業廃棄物排出・処理状況調査」「産業廃棄物の不法投棄等の状況」
Source: Ministry of the Environment.

17-4 産業廃棄物の処理状況（令和3～5年度）

Treatment of Industrial Waste (F.Y. 2021 to 2023)

（単位 1,000トン） (In thousands of tons)

年度 Fiscal year		排出量 Discharge	直接再生利用量 Direct recycle use (A)	直接最終処分量 Direct final disposal (B)	中間処理 Mid-way treatment 中間処理量 Mid-way treatment (C)	処理残渣量 Disposal leftovers (D)	中間処理後再生利用量 Recycle use (E)	中間処理後最終処分量 Final disposal (F)	再生利用量計 Total recycle use (A + E)	減量化量 Reduced disposal (C - D)	最終処分量計 Total final disposal (B + F)
令和3年	2021	375,917	76,378	4,461	295,078	131,708	127,344	4,364	203,722	163,370	8,825
4	2022	374,069	76,456	4,585	293,027	130,665	126,229	4,436	202,685	162,363	9,021
5	2023	367,250	75,259	4,695	287,296	129,581	125,530	4,051	200,788	157,715	8,746

資料 環境省「産業廃棄物排出・処理状況調査」
Source: Ministry of the Environment.

17-5 一般廃棄物(ごみ及びし尿)処理状況

Disposal of General Waste Matters (Garbage and Human Excrement)

A ごみ処理(令和4～6年度)

Disposal of Garbage (F.Y. 2022 to 2024)

年度 Fiscal year		計画収集人口 Planned collection population (1,000) 1)	ごみ総排出量 Total waste matter (1,000t)	1人1日当たりの排出量 Daily waste matter per person (g)	自家処理量 In-house disposal (1,000t)	ごみ総処理量 Total waste disposal (1,000t)	減量処理率 Rate of reduced disposal (%) 2)	中間処理後再生利用量 Recycled volume after intermediate disposal (1,000t) 3)	リサイクル率 Rate of recycled (%) 4)	最終処分量 Final disposal (1,000t)	焼却施設における1日当たりのごみ処理能力 (t) 5)
令和4年	2022	125,628	40,344	880	6	38,898	99.1	4,511	19.6	3,375	174,646
5	2023	125,065	38,974	851	5	37,676	99.2	4,415	19.5	3,156	174,598
6	2024	124,503	38,113	839	5	36,861	99.2	4,256	19.3	3,055	173,761

災害廃棄物処理に係るものを除く。1) 市町村の計画処理区域内で、ごみ又はし尿の収集を行っている人口 2) (直接焼却量＋資源化等の中間処理量＋直接資源化量)÷ごみ総処理量×100 3) 資源ごみ、粗大ごみ等を処理した後、鉄、アルミ等を回収し資源化した量 4) (直接資源化量＋中間処理後再生利用量＋集団回収量)÷(ごみ総処理量＋集団回収量)×100

Excluding disposal of waste relating to disasters. 1) Referring to the population within the planned disposal area of municipalities for whom waste and / or sewage are collected. 2) (Direct incineration + intermediate disposal such as recovery of resources + direct recovery of resources) / total waste disposal x 100 3) The volume of iron and aluminium recovered from recyclable waste and large-sized discarded articles. 4) (Direct recovery of resources + recycled volume after intermediate disposal + group collection) / (total waste disposal + group collection) x 100 5) Waste disposal capacity per day at incinerating facilities

資料 環境省「一般廃棄物処理事業実態調査(日本の廃棄物処理)」
Source: Ministry of the Environment.

17-5 一般廃棄物(ごみ及びし尿)処理状況(続き)

Disposal of General Waste Matters (Garbage and Human Excrement) (*Cont'd*)

B し尿処理(令和4～6年度)

Disposal of Human Excrement (F.Y. 2022 to 2024)

年度 Fiscal year		総人口 Total population (1,000) 1)	水洗化人口 Population with flush toilet (1,000) 2)	#公共下水道 Public sewerage	水洗化率 (%) 3)	#浄化槽 Septic tank for sewage	非水洗化人口 Population without flush toilet (1,000)	し尿処理量 Excrement disposal (1,000kL)	計画処理量 Planned disposal	自家処理量 Self-disposal
令和4年	2022	125,634	120,734	97,436	77.6	20,755	4,901	19,507	19,476	31
5	2023	125,069	120,459	97,541	78.0	20,370	4,610	19,250	19,221	29
6	2024	124,507	120,195	97,681	78.5	20,006	4,311	19,091	19,056	35

災害廃棄物処理に係るものを除く。 1) 調査対象年度の10月1日における住民基本台帳人口 2) コミュニティプラントを含む。

Excluding disposal of waste relating to disasters. 1) Based on the Basic Resident Registration as of 1 October of each year. 2) Including "community plants". 3) Rate of conversion to flush toilet

資料 環境省「一般廃棄物処理事業実態調査(日本の廃棄物処理)」
Source: Ministry of the Environment.

17-6 容器包装リサイクル法に基づく分別収集等の実績（令和4～6年度）

Record of Sorted Collection Based on the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging (F.Y. 2022 to 2024)

年度 Fiscal year		分別収集量 Volume of annual sorted collections 1)		分別基準適合物量/再商品化事業者他への引渡量 Volume of separation standard conform item / Volume of materials accepted by recycling traders (t) 1)	分別収集実施市町村 Municipalities conducting sorted collections 2)		
		分別収集見込量 Volume of expected sorted collections (t)	分別収集実績量 Volume of recorded sorted collections (t)		実施市町村数 Number of municipalities	全市町村に対する実施率 Percentage to total municipalities (%)	人口カバー率 Coverage of population (%)
		無色のガラス製容器		Colourless glass bottles			
令和4年	2022	282,689	246,636	240,053	1,646	94.5	98.1
5	2023	262,597	236,758	230,729	1,642	94.3	97.8
6	2024	260,801	226,179	220,155	1,655	95.1	98.2
		紙製容器包装		Paper packaging			
令和4年	2022	101,469	72,878	69,734	594	34.1	33.5
5	2023	83,209	71,207	68,136	596	34.2	32.7
6	2024	83,403	81,757	78,090	664	38.1	39.4
		ペットボトル		PET bottles			
令和4年	2022	314,411	348,211	329,605	1,721	98.9	99.7
5	2023	338,782	351,301	333,149	1,722	98.9	99.7
6	2024	340,111	360,498	335,490	1,723	99.0	99.7
		プラスチック製容器包装		Plastic packaging and containers			
令和4年	2022	727,875	773,624	709,237	1,316	75.6	83.9
5	2023	762,475	756,479	692,824	1,320	75.8	84.1
6	2024	769,831	767,595	694,620	1,349	77.5	86.0
		スチール製容器		Steel cans			
令和4年	2022	145,741	124,566	120,482	1,689	97.0	97.1
5	2023	139,674	113,497	110,310	1,689	97.0	97.2
6	2024	138,458	106,370	102,089	1,673	96.1	96.3
		アルミ製容器		Aluminium cans			
令和4年	2022	145,565	144,867	140,278	1,688	97.0	97.2
5	2023	160,354	138,601	134,845	1,689	97.0	97.0
6	2024	160,426	136,729	130,987	1,684	96.7	96.7
		段ボール製容器		Corrugated papers			
令和4年	2022	684,456	648,137	639,194	1,603	92.1	92.8
5	2023	764,155	617,622	610,788	1,604	92.1	92.8
6	2024	768,028	603,966	600,859	1,618	92.9	92.7
		飲料用紙製容器		Beverage cartons			
令和4年	2022	15,233	9,709	9,453	1,269	72.9	84.9
5	2023	14,582	9,358	9,193	1,268	72.8	85.0
6	2024	14,532	9,208	9,051	1,299	74.6	85.3

1) 市町村独自処理量を含む。 2) 3月末現在。東京都特別区を含む。

1) Including the volume of materials processed by municipalities.

2) As of the end of March. Including the *ku* -area of Tokyo-*to* .

資料 環境省「容器包装リサイクル法に基づく市町村の分別収集等の実績について」

Source: Ministry of the Environment.

17-7 主な大気汚染物質の環境基準達成率及び年平均濃度(令和3～6年度)

Rate of Environmental Standard Achievements and Annual Average Density of Major Air Pollutants (F.Y. 2021 to 2024)

年度 Fiscal year		二酸化窒素 Nitrogen dioxide	浮遊粒子状物質 Suspended particulate matter	光化学オキシダント Photochemical oxidant	二酸化硫黄 Sulphur dioxide	一酸化炭素 Carbon monoxide	微小粒子状物質(PM2.5) Fine particulate matter
有効測定局数 Number of valid measuring stations							
一般環境大気測定局 Ambient air pollution monitoring stations							
令和3年	2021	1,193	1,249	1,148	894	55	858
4	2022	1,174	1,228	1,143	874	53	855
5	2023	1,164	1,213	1,137	858	51	867
6	2024	1,130	1,199	1,129	824	51	874
自動車排出ガス測定局 Roadside air pollution monitoring stations							
令和3年	2021	365	362	32	44	213	240
4	2022	359	349	31	41	213	236
5	2023	357	347	31	41	209	233
6	2024	352	338	31	39	201	232
環境基準達成率 Rate of environmental standard achievements (%) 1)							
一般環境大気測定局 Ambient air pollution monitoring stations							
令和3年	2021	100.0	100.0	0.2	99.8	100.0	100.0
4	2022	100.0	100.0	0.1	99.5	100.0	99.9
5	2023	100.0	100.0	0.1	99.8	100.0	100.0
6	2024	100.0	100.0	0.0	99.6	100.0	99.5
自動車排出ガス測定局 Roadside air pollution monitoring stations							
令和3年	2021	100.0	100.0	0.0	100.0	100.0	100.0
4	2022	100.0	100.0	0.0	100.0	100.0	100.0
5	2023	100.0	100.0	0.0	100.0	100.0	100.0
6	2024	100.0	100.0	0.0	100.0	100.0	100.0
年平均濃度 Annual average density							
一般環境大気測定局 Ambient air pollution monitoring stations							
令和3年	2021	0.007	0.012	0.047	0.001	0.3	8.3
4	2022	0.007	0.013	0.046	0.001	0.2	8.8
5	2023	0.007	0.013	0.047	0.001	0.2	8.5
6	2024	0.006	0.013	0.048	0.001	0.2	8.4
自動車排出ガス測定局 Roadside air pollution monitoring stations							
令和3年	2021	0.014	0.013	0.045	0.001	0.3	8.8
4	2022	0.013	0.014	0.044	0.001	0.3	9.2
5	2023	0.012	0.014	0.045	0.001	0.3	9.1
6	2024	0.011	0.013	0.047	0.001	0.3	8.9
		(ppm)	(mg/m^3)	(ppm) 2)	(ppm)	(ppm)	($\mu g/m^3$)

1) 有効測定局のうち環境基準を達成した局の割合 2) 昼間の日最高1時間値

1) The percentage of valid measuring stations where environmental standards are satisfied. 2) Maximum of one-hour value in the daytime.

資料 環境省「大気汚染状況について」

Source: Ministry of the Environment.

17-8 下水道の状況（令和2～6年度）
Coverage of Sewerage (F.Y. 2020 to 2024)

（単位 面積 ヘクタール） (Area in hectares)

年度末 End of fiscal year		公共下水道 Public sewerage 1)						都市下水路 Urban sewerage		
		計画排水区域計 Total planned area of districts under sewerage system	計画処理区域面積 Planned area of districts under sewerage treatment	供用排水区域計 Total area of districts under operating sewerage system	供用処理区域面積 Area of districts under sewerage treatment	供用処理場数 Number of operating sewerage treatment plants	整備率 Operational rate (%)	計画排水区域計 Total planned area of districts under sewerage system	供用排水区域計 Total area of districts under operating sewerage system	整備率 Operational rate (%)
令和2年	2020	2,013,478	2,004,762	1,622,324	1,618,881	1,273	80.6	86,387	74,819	86.6
3	2021	2,006,405	1,992,768	1,627,645	1,620,785	1,263	81.1	85,341	76,211	89.3
4	2022	2,006,588	1,992,053	1,634,880	1,628,669	1,236	81.5	84,912	75,585	89.0
5	2023	1,998,954	1,982,970	1,637,109	1,634,060	1,236	81.9	87,580	75,481	86.2
6	2024	1,987,295	1,964,002	1,628,874	1,625,269	1,230	82.0	86,030	74,274	86.3

1) 特定公共下水道を含む。
1) Including the specific public sewerage.

資料 国土交通省「都市計画現況調査」
Source: Ministry of Land, Infrastructure, Transport and Tourism.

17-9 公共用水域における水質の環境基準達成率（令和2～6年度）
Achievement Rate of Environmental Standard for Water in the Public Water Zones (F.Y. 2020 to 2024)

年度 Fiscal year		類型指定水域数 Number of water zones to be assessed				達成水域数 Number of water zones which achieved standards				環境基準達成率 Rate of environmental standard achievements			
			河川 Rivers	湖沼 Lakes and ponds	海域 Ocean and sea		河川 Rivers 2)	湖沼 Lakes and ponds 3)	海域 Ocean and sea 3)	(%) 1)	河川 Rivers 2)	湖沼 Lakes and ponds 3)	海域 Ocean and sea 3)
令和2年	2020	3,326	2,567	189	570	2,954	2,400	94	460	88.8	93.5	49.7	80.7
3	2021	3,359	2,577	192	590	2,965	2,398	103	464	88.3	93.1	53.6	78.6
4	2022	3,351	2,570	191	590	2,941	2,374	96	471	87.8	92.4	50.3	79.8
5	2023	3,358	2,576	192	590	2,992	2,416	101	475	89.1	93.8	52.6	80.5
6	2024	3,434	2,619	199	616	3,041	2,458	101	482	88.6	93.9	50.8	78.2

1) 環境基準達成率＝(達成水域数÷類型指定水域数)×100 2) 生物化学的酸素要求量(BOD) 3) 化学的酸素要求量(COD)
1) Rate of environmental standard achievement = (number of water zones which achieved standard / number of water zones to be assessed) x 100 2) Biochemical oxygen demand (BOD). 3) Chemical oxygen demand (COD).

資料 環境省「公共用水域水質測定結果」
Source: Ministry of the Environment.

17-10 公害苦情件数（令和2～6年度）

Number of Grievances against Environmental Pollution (F.Y. 2020 to 2024)

公害	Environmental pollution	令和2年度 F.Y. 2020	3年度 F.Y. 2021	4年度 F.Y. 2022	5年度 F.Y. 2023	6年度 F.Y. 2024
合計	Total	81,557	73,739	71,590	69,153	66,931
典型7公害	7 major environmental pollutions	56,123	51,395	50,723	48,969	47,622
大気汚染	Air pollution	17,099	14,384	13,694	13,165	12,630
水質汚濁	Water pollution	5,631	5,353	4,893	4,690	4,300
土壌汚染	Soil pollution	194	192	200	188	235
騒音	Noise pollution	19,769	18,755	19,391	18,908	18,811
低周波音	Low frequency noise	313	294	287	294	261
振動	Vibration	2,174	2,301	2,411	2,223	2,460
地盤沈下	Ground subsidence	20	23	16	52	30
悪臭	Bad smell	11,236	10,387	10,118	9,743	9,156
典型7公害以外	Other than 7 major environmental pollutions	25,434	22,344	20,867	20,184	19,309
廃棄物投棄	Waste disposal	11,978	9,867	9,018	8,376	8,004
生活系	Life system	9,600	7,774	6,902	6,357	6,112
農業系	Agriculture system	334	309	284	268	249
建設系	Construction system	1,125	973	1,002	819	892
産業系	Industry system	919	811	830	932	751
その他	Others	13,456	12,477	11,849	11,808	11,305

資料 公害等調整委員会「公害苦情調査」
Source: Environmental Dispute Coordination Commission.