

Notice of Revision to Sewage Usage Fees

Sewage Usage Fees will be revised from April 1, 2025.

※ This notice is also being distributed to those who are not using the sewage system.

There will be no changes to your sewage charge if your “Water and Sewage Usage Notice” is “0 yen”.

Thank you for your understanding and cooperation with the sewage system operations. The sewage system plays an important role in establishing a healthy and comfortable living environment for citizens, as well as maintaining and preserving the water quality of rivers and seas and preventing urban flooding by draining rainwater.

The cost for handling rainwater, a natural phenomenon, is covered by city taxes, while the cost for treating wastewater from homes and businesses (wastewater processing cost) is funded through the sewage usage fees paid by users.

These sewage usage fees will be revised on April 1, 2025.

○ Details of Upcoming Revision to Sewage Usage Fees

Based on the principle of financial independence under the Local Public Enterprise Act, all wastewater treatment costs must be covered by sewage usage fees. Also, the cost recovery rate, which indicates the percentage of wastewater treatment costs covered by sewage usage fees, is required to be 100% or higher.

Revisions of the sewage usage fee in Yamato City are made with the aim of achieving a 100% cost recovery rate. In the fiscal year 1989, the cost recovery rate was about 33%. But due to population growth leading to increased sewage usage and several fee revisions, that rate improved to about 91% by the fiscal year 2018.

However, the current population growth is slowing and water consumption is decreasing due to the spread of water-saving devices and diversified lifestyles. As a result, the total revenue for sewage usage fees declined in fiscal years 2022 and 2023, and this downward trend is expected to continue into the future. Meanwhile, as costs for water treatment are rising, it has been 54 years since wastewater treatment began, and facility upgrades and seismic retrofittings are needed due to aging infrastructure. So, even with the continued efforts to reduce costs and improve efficiency, it is expected that wastewater treatment costs will continue to increase.

※ Refer to the reverse side for the trends in sewage usage fees and wastewater treatment costs from fiscal years 2014–2033.

The cost recovery rate, which peaked in fiscal year 2018, reached only about 85% in the fiscal year 2023. This shortfall in sewage usage fees, amounting to about 530 million yen, was covered by municipal taxes. If no revisions are made at this time, that amount of

supplementation is estimated to rise to 710 million yen in the fiscal year 2025, with further increases projected thereafter.

Given this situation, we have decided to revise the sewage usage fees with the aim of achieving an average cost recovery rate of 100% or more for the fiscal years 2025, 2026, and 2027.

This decision has set a relatively high average revision rate of 23.34%. However, this rate is necessary to ensure a stable and continuous provision of essential sewage services which are critical for maintaining sanitary living conditions. We will continue to work on cost reduction and operational efficiency, and we appreciate your continued understanding and cooperation.

○Types of Sewage Facilities and their Advantages/Disadvantages

There are two types of sewage facilities: the “independent treatment plant,” where a city establishes a facility to treat sewage within the city, and the “basin treatment plant,” where a prefecture establishes a facility to collect and treat sewage from multiple municipalities.

In Yamato City, in response to the rapid population growth of the 1960s, we decided to develop an independent treatment plant that could manage sewage treatment more efficiently than the surrounding municipalities. As a result, the living environment of our city improved more quickly than the surrounding cities using the basin treatment, and it contributed to our city’s development.

However, there are pros and cons between independent and basin treatment plants. For example, independent treatment plants have disadvantages when compared to basin treatment plants as they lack economies of scale, making sewage treatment more costly.

On the other hand, the advantages of having an independent treatment plant are that the risk of damage from earthquakes is lower than for those municipalities using the basin treatment plant. Since the basin treatment plant is located at the mouth of the Sagami River, there is a possibility of tsunami damage. Additionally, since our city is far from the basin treatment plant, there would be a higher risk of damage to sewage pipes if connected to the basin treatment plant.

○Unit Price Table for Sewer Usage Fees (per 2 months, excluding consumption tax)

Category	Sewage discharge volume	Now	After Revision
General sewage	Basic fee, up to 16 m ³	¥1,350	¥1,666
	From 16 m ³ to 30 m ³	¥112	¥138
	From 30 m ³ to 50 m ³	¥125	¥154
	From 50 m ³ to 100 m ³	¥139	¥171
	From 100 m ³ to 200 m ³	¥159	¥196
	From 200 m ³ to 400 m ³	¥188	¥232
	From 400 m ³ to 600 m ³	¥201	¥248
	From 600 m ³ to 1,000 m ³	¥215	¥265
	From 1,000 m ³ to 2,000 m ³	¥249	¥307
	Over 2,000 m ³	¥264	¥326
Bathroom sewage	Per 1 m ³	¥14	¥17
Pool sewage	Per 1 m ³	¥106	¥131

【How to Calculate Sewer Usage Fees (Example)】

• If the sewage discharge volume is 40 m³ over a two-month period:

- ① Basic fee (up to 16 m³) ¥1,666
 - ② From 16 m³ to 30 m³ (30 m³ - 16 m³) 14 m³ × ¥138 = ¥1,932
 - ③ From 30 m³ to 40 m³ (40 m³ - 30 m³) 10 m³ × ¥154 = ¥1,540
- (① + ② + ③) × 1.1 (consumption tax 10%) = ¥5,651 (including consumption tax)

※ Refer to the reverse side for a quick reference table of sewer usage fees (general sewage) based on water usage

○Application of Revised Usage Fees

The revised sewer usage fees will be applied starting from April 1, 2025. For usage periods that extend beyond April 1, the fees will be calculated on a pro-rata rate based on the number of days for the pre-revised and post-revised rates.

【Contact Information】

○Details of Upcoming Revision to Sewer Usage Fees

Sewerage Management Division, Environmental Facilities and Agriculture Department, Yamato City TEL 046-260-5720

Website <https://www.city.yamato.lg.jp/gyosei/soshiki/17/keiei/21182.html>

○Consultation for Reduction and Deferral of Sewer Usage Fees

Management and Sewerage Facility Division, Environmental Facilities and Agriculture Department, Yamato City TEL 046-260-5468



Quick reference table of general sewer usage fees per 2 months (including consumption tax)

※ Fee changes are based on the (bolded) amount of sewer usage.

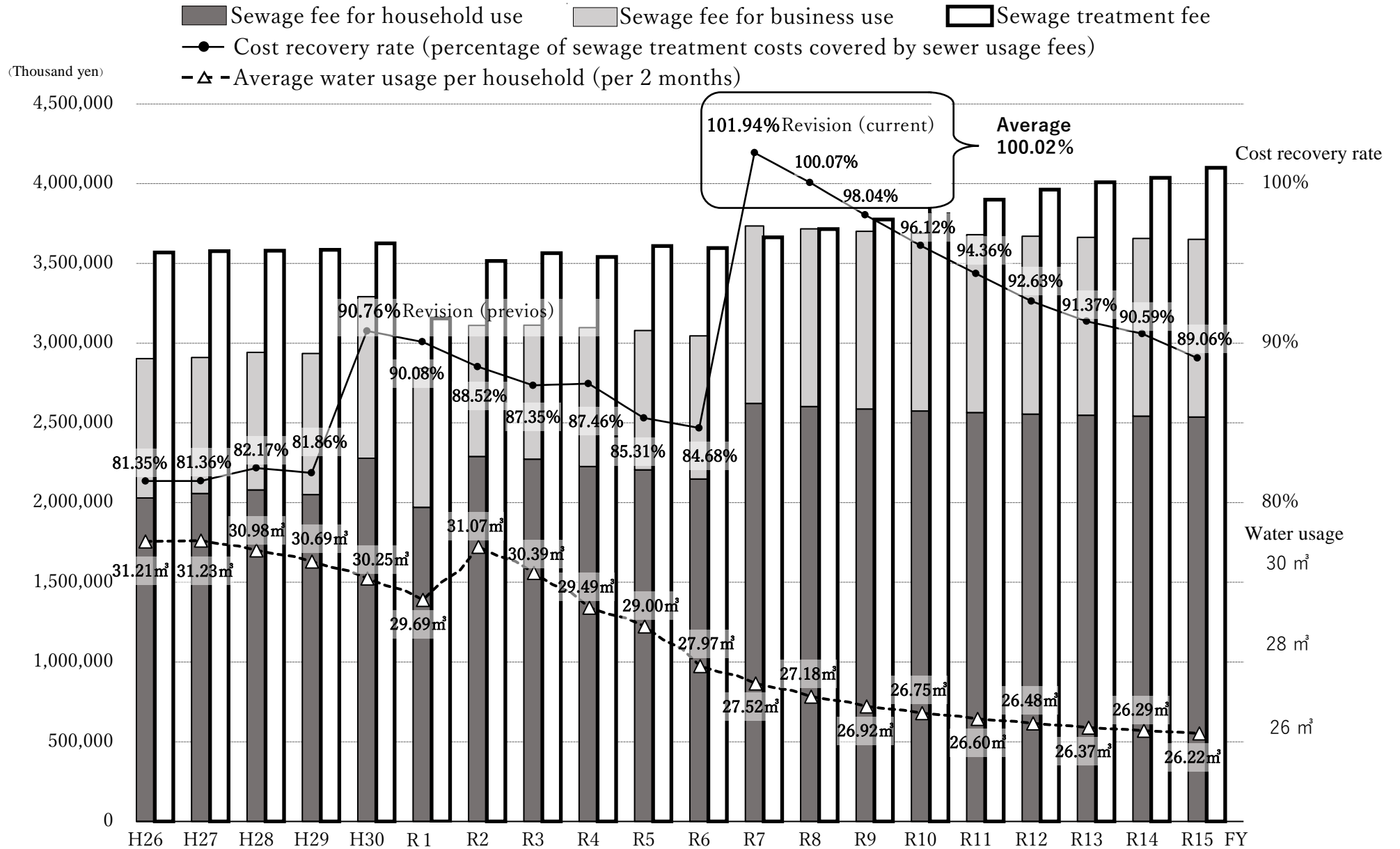
Sewage discharge volume (m ³)	Sewage Usage Fee (yen)		Increase amount (yen)
	Now	After revision	
0~16	1,485	1,832	347
17	1,608	1,984	376
18	1,731	2,136	405
19	1,854	2,288	434
20	1,977	2,439	462
21	2,101	2,591	490
22	2,224	2,743	519
23	2,347	2,895	548
24	2,470	3,047	577
25	2,593	3,198	605
26	2,717	3,350	633
27	2,840	3,502	662
28	2,963	3,654	691
29	3,086	3,806	720
30	3,209	3,957	748
31	3,347	4,127	780
32	3,484	4,296	812
33	3,622	4,466	844
34	3,759	4,635	876
35	3,897	4,804	907
36	4,034	4,974	940
37	4,172	5,143	971
38	4,309	5,313	1,004
39	4,447	5,482	1,035
40	4,584	5,651	1,067
41	4,722	5,821	1,099
42	4,859	5,990	1,131
43	4,997	6,160	1,163
44	5,134	6,329	1,195
45	5,272	6,498	1,226
46	5,409	6,668	1,259
47	5,547	6,837	1,290
48	5,684	7,007	1,323
49	5,822	7,176	1,354
50	5,959	7,345	1,386

Sewage discharge volume (m ³)	Sewage Usage Fee (yen)		Increase amount (yen)
	Now	After revision	
51	6,112	7,533	1,421
52	6,265	7,722	1,457
53	6,418	7,910	1,492
54	6,571	8,098	1,527
55	6,724	8,286	1,562
56	6,877	8,474	1,597
57	7,030	8,662	1,632
58	7,183	8,850	1,667
59	7,335	9,038	1,703
60	7,488	9,226	1,738
61	7,641	9,414	1,773
62	7,794	9,603	1,809
63	7,947	9,791	1,844
64	8,100	9,979	1,879
65	8,253	10,167	1,914
66	8,406	10,355	1,949
67	8,559	10,543	1,984
68	8,712	10,731	2,019
69	8,864	10,919	2,055
70	9,017	11,107	2,090
71	9,170	11,295	2,125
72	9,323	11,484	2,161
73	9,476	11,672	2,196
74	9,629	11,860	2,231
75	9,782	12,048	2,266
76	9,935	12,236	2,301
77	10,088	12,424	2,336
78	10,241	12,612	2,371
79	10,393	12,800	2,407
80	10,546	12,988	2,442
81	10,699	13,176	2,477
82	10,852	13,365	2,513
83	11,005	13,553	2,548
84	11,158	13,741	2,583
85	11,311	13,929	2,618

Sewage discharge volume (m ³)	Sewage Usage Fee (yen)		Increase amount (yen)
	Now	After revision	
86	11,464	14,117	2,653
87	11,617	14,305	2,688
88	11,770	14,493	2,723
89	11,922	14,681	2,759
90	12,075	14,869	2,794
91	12,228	15,057	2,829
92	12,381	15,246	2,865
93	12,534	15,434	2,900
94	12,687	15,622	2,935
95	12,840	15,810	2,970
96	12,993	15,998	3,005
97	13,146	16,186	3,040
98	13,299	16,374	3,075
99	13,451	16,562	3,111
100	13,604	16,750	3,146
101	13,779	16,966	3,187
102	13,954	17,182	3,228
103	14,129	17,397	3,268
104	14,304	17,613	3,309
105	14,479	17,828	3,349
106	14,654	18,044	3,390
107	14,829	18,260	3,431
108	15,004	18,475	3,471
109	15,178	18,691	3,513
110	15,353	18,906	3,553
200	31,094	38,310	7,216
300	51,774	63,830	12,056
400	72,454	89,350	16,896
500	94,564	116,630	22,066
600	116,674	143,910	27,236
700	140,324	173,060	32,736
1,000	211,274	260,510	49,236
1,500	348,224	429,360	81,136
2,000	485,174	598,210	113,036
2,500	630,374	777,510	147,136

Trends in Sewer Usage and Sewage Treatment Costs

(Values up to fiscal year 2023 are actual figures, while those from fiscal year 2024 onward are projected figures.)



(Thousand yen)

Actual Figures	FY2014(H26)	FY2015(H27)	FY2016(H28)	FY2017(H29)	FY2018(H30)	FY2019(R1)	FY 2020(R2)	FY2021(R3)	FY2022(R4)	FY2023(R5)
Sewage Usage fee	2,903,083	2,910,246	2,941,476	2,935,007	3,291,030	2,841,368	3,111,499	3,113,293	3,096,661	3,078,570
Sewage Treatment fee	3,568,451	3,577,113	3,579,532	3,585,581	3,625,913	3,154,109	3,514,843	3,564,076	3,540,644	3,608,618
Projected Figures	FY2024(R6)	FY2025(R7)	FY2026(R8)	FY2027(R9)	FY2028(R10)	FY2029(R11)	FY2030(R12)	FY2031(R13)	FY2032(R14)	FY2033(R15)
Sewage Usage fee	3,045,698	3,734,787	3,717,275	3,701,585	3,690,034	3,679,739	3,670,760	3,663,076	3,656,831	3,651,614
Sewage Treatment fee	3,596,685	3,663,699	3,714,617	3,775,523	3,839,010	3,899,537	3,962,646	4,009,089	4,036,495	4,100,369