



Monthly Report of Tuberculosis Surveillance, Japan - August, 2024

The reporting and recording of tuberculosis (TB) and Latent TB Infection (LTBI) are managed at public health centers (PHCs) by the nationwide computerized TB surveillance system in Japan. A monthly report is compiled from the database automatically and regularly on 4th Friday of the next month, and an annual report is also produced much like the monthly report, but with sufficient time for data correction.

Tables and figures shown in the monthly reports are as follows.

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Figure 1. Number of newly notified TB cases by month, Japan, 2021-2024

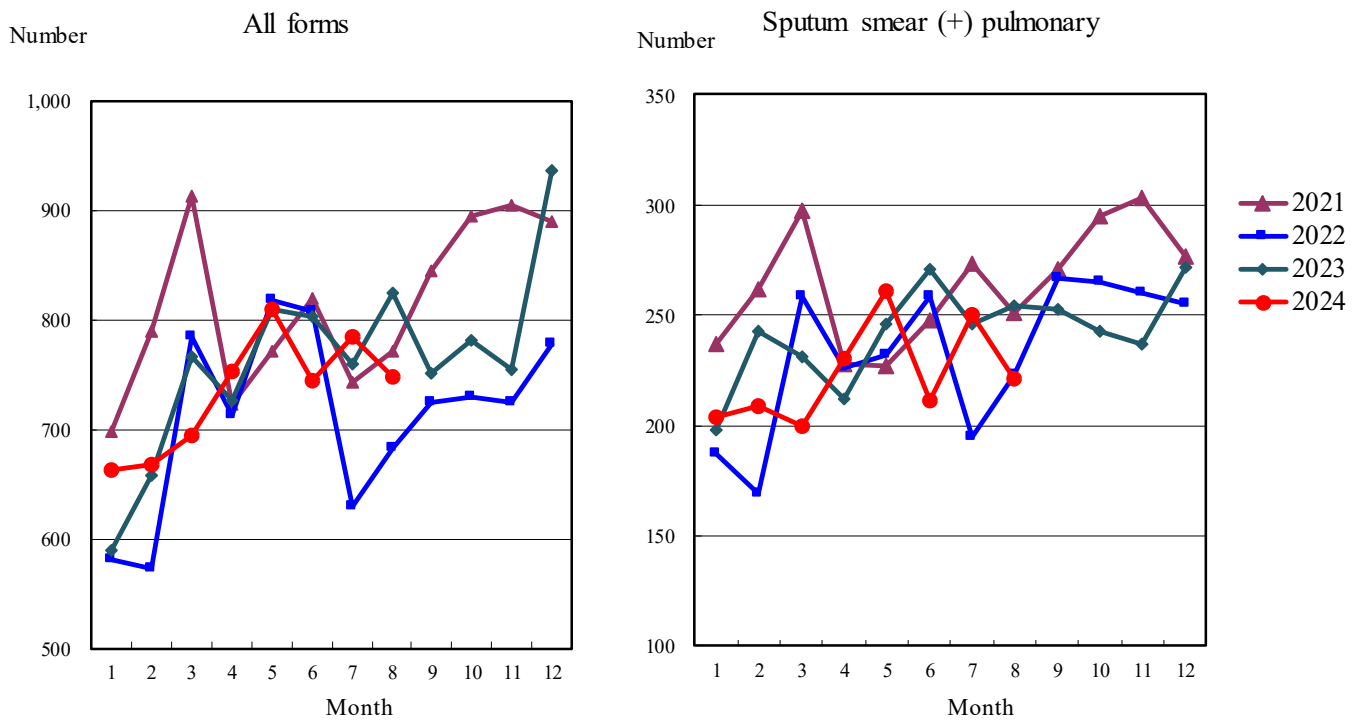


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Aug.) 2024

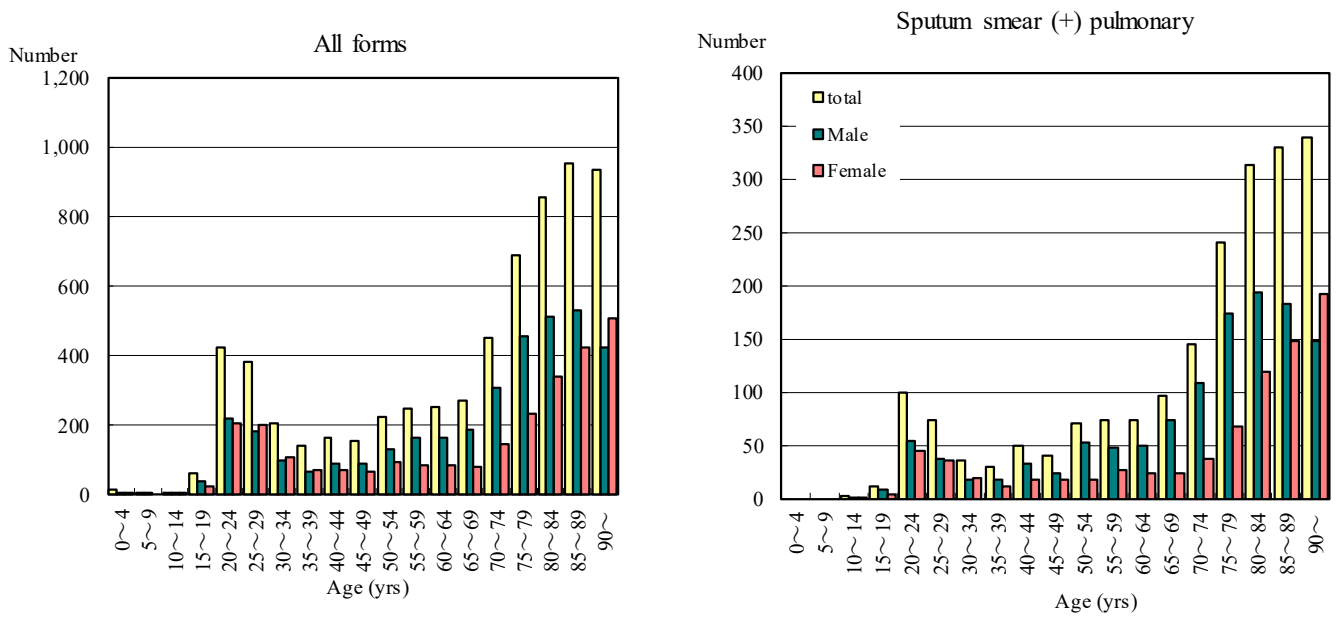


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Aug.) 2024

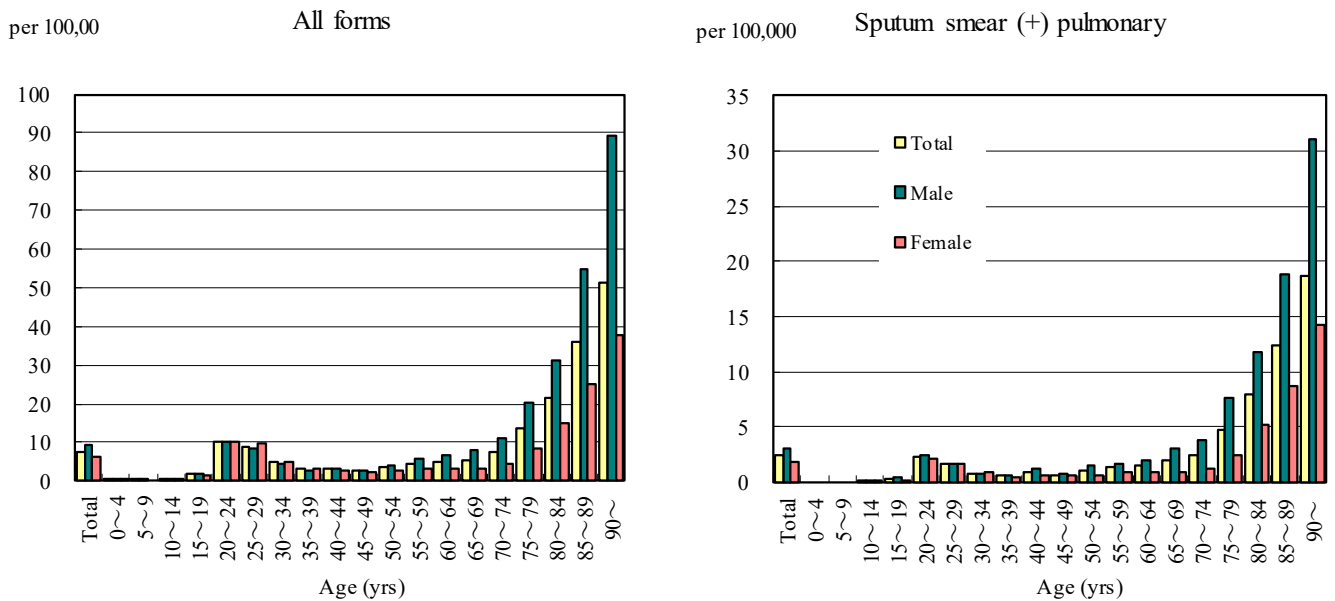


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Aug.) 2024

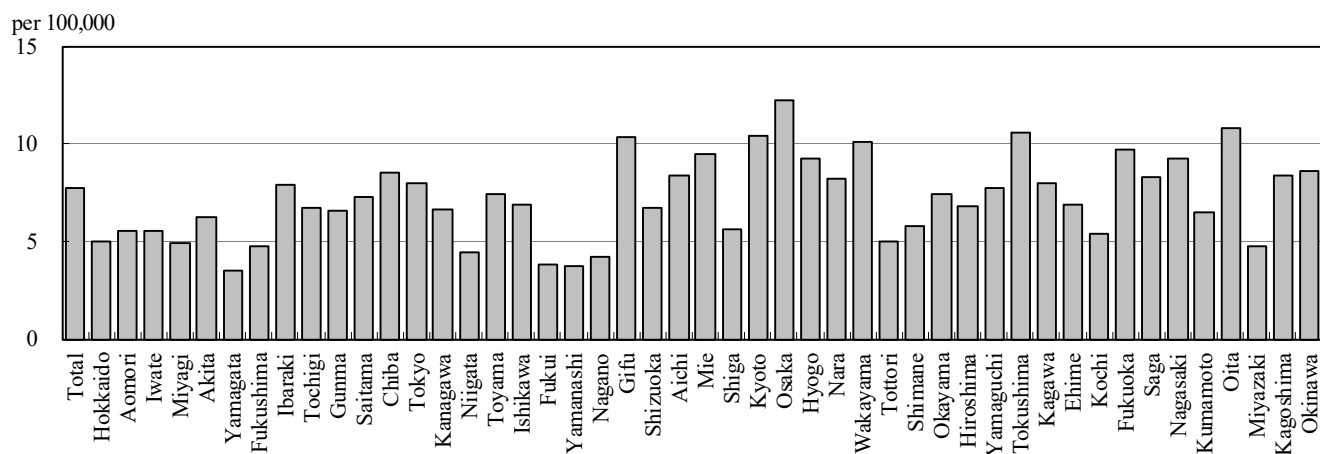


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Aug.) 2024

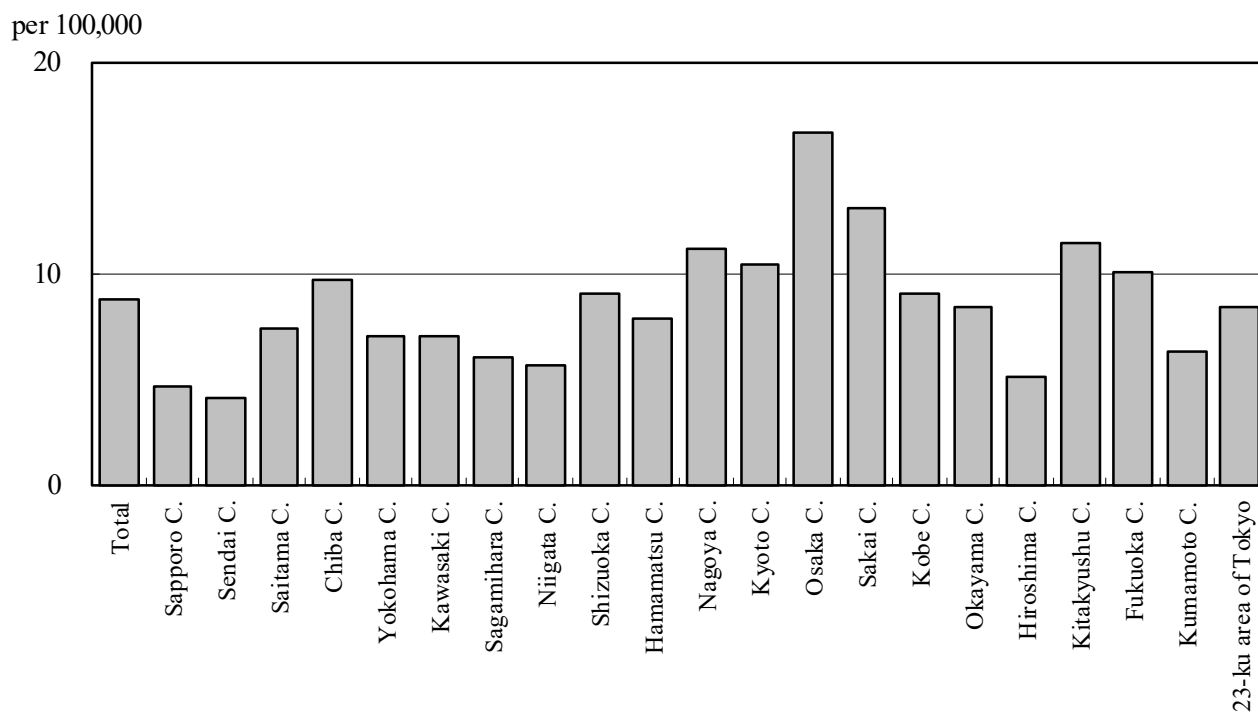


Figure 6. Number of LTBI, Japan, 2021-2024

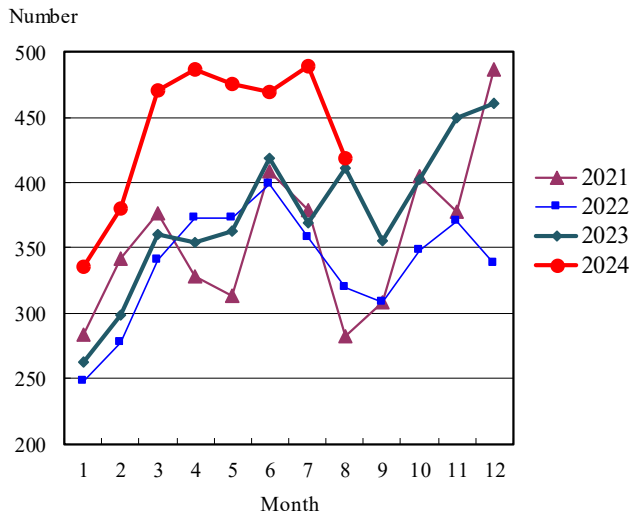


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Aug.) 2024

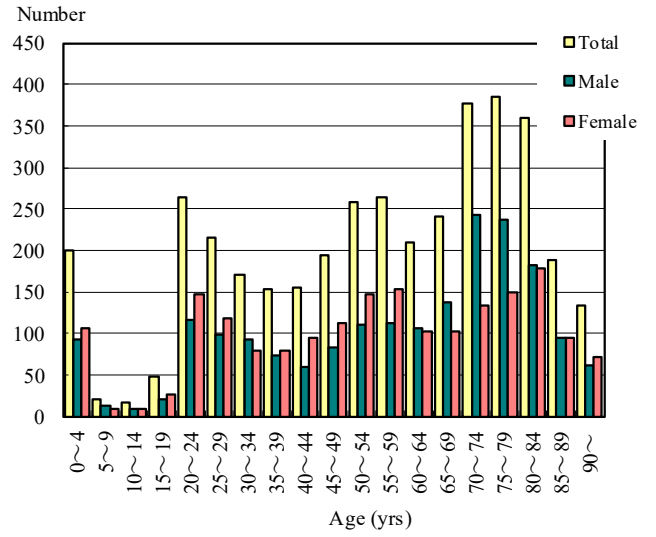


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2024

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	747	432	315	6,426	3,678	2,748	7.8	9.1	6.5
0~4	2	0	2	13	7	6	0.5	0.5	0.5
5~9	0	0	0	4	4	0	0.1	0.2	0.0
10~14	0	0	0	6	3	3	0.2	0.2	0.2
15~19	7	6	1	62	39	23	1.7	2.1	1.3
20~24	50	22	28	423	219	204	10.2	10.2	10.1
25~29	47	24	23	383	183	200	8.9	8.2	9.5
30~34	23	9	14	205	99	106	4.8	4.5	5.1
35~39	17	8	9	140	68	72	3.0	2.8	3.1
40~44	15	8	7	162	89	73	3.1	3.4	2.9
45~49	28	11	17	155	89	66	2.6	2.9	2.2
50~54	23	16	7	225	133	92	3.5	4.1	2.9
55~59	32	23	9	248	164	84	4.5	5.9	3.0
60~64	33	25	8	251	166	85	5.0	6.7	3.4
65~69	27	20	7	269	188	81	5.5	7.9	3.2
70~74	42	31	11	452	307	145	7.7	11.1	4.7
75~79	86	59	27	689	455	234	13.8	20.3	8.5
80~84	83	55	28	853	512	341	21.7	31.2	14.9
85~89	117	62	55	954	529	425	36.0	54.8	25.2
90~	115	53	62	932	424	508	51.2	89.1	37.8

Temporary registrants = 47, Total of registrants and temporary registrants = 794

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2023

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2024

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	221	122	99	2,022	1,218	804	2.4	3.0	1.9
0~4	0	0	0	0	0	0	0.0	0.0	0.0
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	0	0	0	2	1	1	0.1	0.1	0.1
15~19	2	2	0	12	8	4	0.3	0.4	0.2
20~24	9	4	5	99	54	45	2.4	2.5	2.2
25~29	7	2	5	73	37	36	1.7	1.7	1.7
30~34	5	1	4	36	17	19	0.8	0.8	0.9
35~39	4	1	3	29	17	12	0.6	0.7	0.5
40~44	3	3	0	49	32	17	0.9	1.2	0.7
45~49	5	2	3	40	23	17	0.7	0.7	0.6
50~54	8	6	2	70	52	18	1.1	1.6	0.6
55~59	8	5	3	74	48	26	1.3	1.7	0.9
60~64	9	5	4	74	50	24	1.5	2.0	1.0
65~69	8	8	0	97	74	23	2.0	3.1	0.9
70~74	11	9	2	145	108	37	2.5	3.9	1.2
75~79	28	19	9	240	173	67	4.8	7.7	2.4
80~84	35	20	15	313	194	119	8.0	11.8	5.2
85~89	37	17	20	330	182	148	12.4	18.9	8.8
90~	42	18	24	339	148	191	18.6	31.1	14.2

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2023

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2024

	Aug.		Summation (Jan.-Aug.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	747	221	6,426	2,022	7.8	2.4
Hokkaido	20	5	170	43	5.0	1.3
Aomori	6	2	44	16	5.6	2.0
Iwate	2	2	43	13	5.5	1.7
Miyagi	11	4	74	23	4.9	1.5
Akita	1	0	38	11	6.2	1.8
Yamagata	1	0	24	5	3.5	0.7
Fukushima	10	5	56	26	4.8	2.2
Ibaraki	14	3	148	45	7.9	2.4
Tochigi	12	4	85	28	6.7	2.2
Gunma	11	4	83	27	6.5	2.1
Saitama	36	9	354	109	7.2	2.2
Chiba	40	15	354	119	8.5	2.9
Tokyo	96	30	750	232	8.0	2.5
Kanagawa	40	14	407	122	6.6	2.0
Niigata	10	2	63	17	4.4	1.2
Toyama	10	4	50	15	7.4	2.2
Ishikawa	6	1	51	11	6.9	1.5
Fukui	2	0	19	3	3.8	0.6
Yamanashi	1	1	20	7	3.8	1.3
Nagano	6	2	56	24	4.2	1.8
Gifu	17	5	133	34	10.3	2.6
Shizuoka	10	1	159	40	6.7	1.7
Aichi	47	17	418	131	8.4	2.6
Mie	5	2	109	40	9.5	3.5
Shiga	3	0	53	14	5.7	1.5
Kyoto	24	8	176	62	10.4	3.7
Osaka	87	27	715	261	12.2	4.5
Hyogo	48	14	330	111	9.2	3.1
Nara	13	6	71	23	8.2	2.7
Wakayama	3	0	60	23	10.1	3.9
Tottori	4	0	18	5	5.0	1.4
Shimane	2	1	25	7	5.8	1.6
Okayama	15	4	91	24	7.4	1.9
Hiroshima	16	3	124	24	6.8	1.3
Yamaguchi	9	3	67	17	7.7	2.0
Tokushima	4	0	49	15	10.6	3.2
Kagawa	5	0	49	8	7.9	1.3
Ehime	7	0	59	16	6.9	1.9
Kochi	0	0	24	10	5.4	2.3
Fukuoka	26	5	329	97	9.7	2.9
Saga	8	2	44	19	8.3	3.6
Nagasaki	9	0	78	20	9.2	2.4
Kumamoto	11	3	74	29	6.5	2.5
Oita	11	5	79	35	10.8	4.8
Miyazaki	7	4	33	13	4.7	1.9
Kagoshima	11	1	86	23	8.3	2.2
Okinawa	10	3	84	25	8.6	2.6

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2023

Table 4. Newly notified TB cases and rates by major city, Japan, 2024

	Aug.		Summation (Jan.-Aug.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	258	68	2,190	689	8.8	2.8
Sapporo City	9	1	61	21	4.6	1.6
Sendai City	5	1	30	6	4.1	0.8
Saitama City	8	1	66	19	7.4	2.1
Chiba City	6	1	63	25	9.6	3.8
Yokohama City	18	6	176	48	7.0	1.9
Kawasaki City	6	1	72	26	7.0	2.5
Sagamihara City	1	0	29	9	6.0	1.9
Niigata City	7	2	29	9	5.6	1.7
Shizuoka City	2	0	41	14	9.1	3.1
Hamamatsu City	5	0	41	6	7.9	1.2
Nagoya City	20	4	173	61	11.2	3.9
Kyoto City	15	4	100	31	10.4	3.2
Osaka City	35	7	308	100	16.7	5.4
Sakai City	9	3	71	29	13.1	5.4
Kobe City	9	4	90	34	9.0	3.4
Okayama City	7	3	40	12	8.4	2.5
Hiroshima City	4	0	40	6	5.1	0.8
Kitakyushu City	5	0	70	21	11.5	3.4
Fukuoka City	11	4	110	39	10.0	3.6
Kumamoto City	7	3	31	11	6.3	2.2
23-ku area of Tokyo	69	23	549	162	8.4	2.5

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2023

Major city: city with a population of one million or more.

Table 4 is a re-count of Table 3.

Table 5. LTBI cases and rates by sex and age, Japan, 2024

	Aug.			Summation (Jan.-Aug.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	419	230	189	3,847	1,937	1,910	0.6	0.5	0.7
0~4	13	7	6	199	92	107	15.3	13.1	17.8
5~9	1	0	1	20	12	8	5.0	3.0	-
10~14	1	1	0	16	8	8	2.7	2.7	2.7
15~19	1	1	0	47	21	26	0.8	0.5	1.1
20~24	21	11	10	263	116	147	0.6	0.5	0.7
25~29	18	12	6	216	99	117	0.6	0.5	0.6
30~34	25	14	11	170	92	78	0.8	0.9	0.7
35~39	16	7	9	152	73	79	1.1	1.1	1.1
40~44	12	7	5	154	59	95	1.0	0.7	1.3
45~49	20	13	7	194	82	112	1.3	0.9	1.7
50~54	31	16	15	258	110	148	1.1	0.8	1.6
55~59	44	13	31	264	112	152	1.1	0.7	1.8
60~64	26	14	12	210	107	103	0.8	0.6	1.2
65~69	27	16	11	240	137	103	0.9	0.7	1.3
70~74	42	29	13	377	243	134	0.8	0.8	0.9
75~79	44	28	16	385	236	149	0.6	0.5	0.6
80~84	41	19	22	360	182	178	0.4	0.4	0.5
85~89	18	11	7	188	94	94	0.2	0.2	0.2
90~	18	11	7	134	62	72	0.1	0.1	0.1

LTBI: latent TB Infection

Number of LTBI is not included in the newly notified TB patients

Table 6. LTBI cases and rates by prefecture, Japan, 2024

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	419	3,847	0.60
Hokkaido	16	159	0.94
Aomori	2	20	0.45
Iwate	3	34	0.79
Miyagi	8	62	0.84
Akita	0	11	0.29
Yamagata	1	15	0.63
Fukushima	1	19	0.34
Ibaraki	12	126	0.85
Tochigi	2	25	0.29
Gunma	6	45	0.54
Saitama	32	216	0.61
Chiba	24	254	0.72
Tokyo	51	457	0.61
Kanagawa	28	253	0.62
Niigata	8	44	0.70
Toyama	4	33	0.66
Ishikawa	6	29	0.57
Fukui	0	8	0.42
Yamanashi	2	12	0.60
Nagano	2	42	0.75
Gifu	11	69	0.52
Shizuoka	7	83	0.52
Aichi	21	188	0.45
Mie	6	41	0.38
Shiga	0	20	0.38
Kyoto	11	90	0.51
Osaka	48	414	0.58
Hyogo	22	179	0.54
Nara	10	42	0.59
Wakayama	5	36	0.60
Tottori	0	10	0.56
Shimane	1	18	0.72
Okayama	7	61	0.67
Hiroshima	4	89	0.72
Yamaguchi	6	31	0.46
Tokushima	1	18	0.37
Kagawa	4	31	0.63
Ehime	4	34	0.58
Kochi	0	3	0.13
Fukuoka	23	263	0.80
Saga	0	17	0.39
Nagasaki	7	35	0.45
Kumamoto	1	42	0.57
Oita	3	42	0.53
Miyazaki	0	14	0.42
Kagoshima	4	27	0.31
Okinawa	5	86	1.02

LTBI: Latent TB Infection

Number of LTBI is not included in the newly notified TB patients.

Table 7. LTBI cases and rates by major city, Japan, 2024

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	145	1,403	0.64
Sapporo City	9	75	1.23
Sendai City	5	30	1.00
Saitama City	4	33	0.50
Chiba City	4	49	0.78
Yokohama City	5	105	0.60
Kawasaki City	9	56	0.78
Sagamihara City	0	18	0.62
Niigata City	3	24	0.83
Shizuoka City	2	20	0.49
Hamamatsu City	3	17	0.41
Nagoya City	6	67	0.39
Kyoto City	4	45	0.45
Osaka City	17	188	0.61
Sakai City	8	52	0.73
Kobe City	8	70	0.78
Okayama City	2	30	0.75
Hiroshima City	0	13	0.33
Kitakyushu City	5	59	0.84
Fukuoka City	6	73	0.66
Kumamoto City	1	15	0.48
23-ku area of Tokyo	44	364	0.66

LTBI: Latent TB Infection

Number of LTBI is not included in the newly notified TB patients,

Major city: city with a population of one million or more

Table 7 is a re-count of Table 6