



## Monthly Report of Tuberculosis Surveillance, Japan - May, 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 4<sup>th</sup> 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

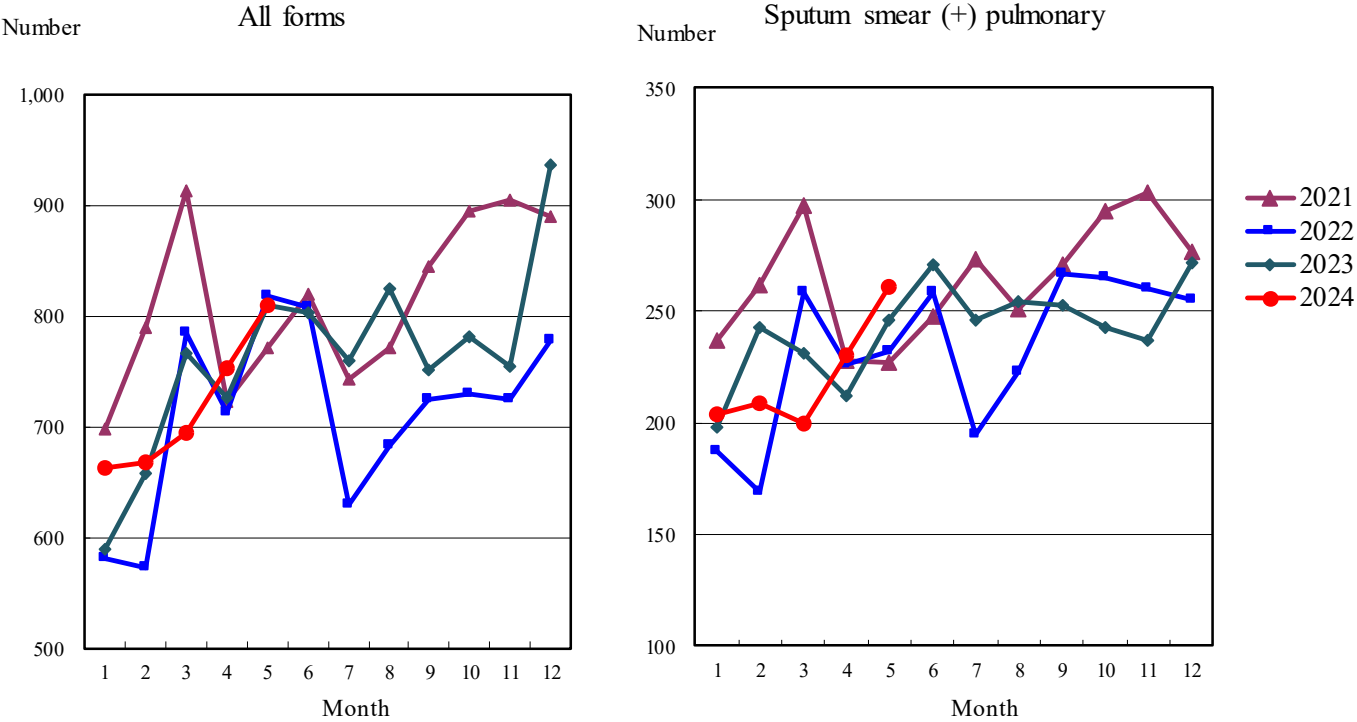


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-May.) 2024

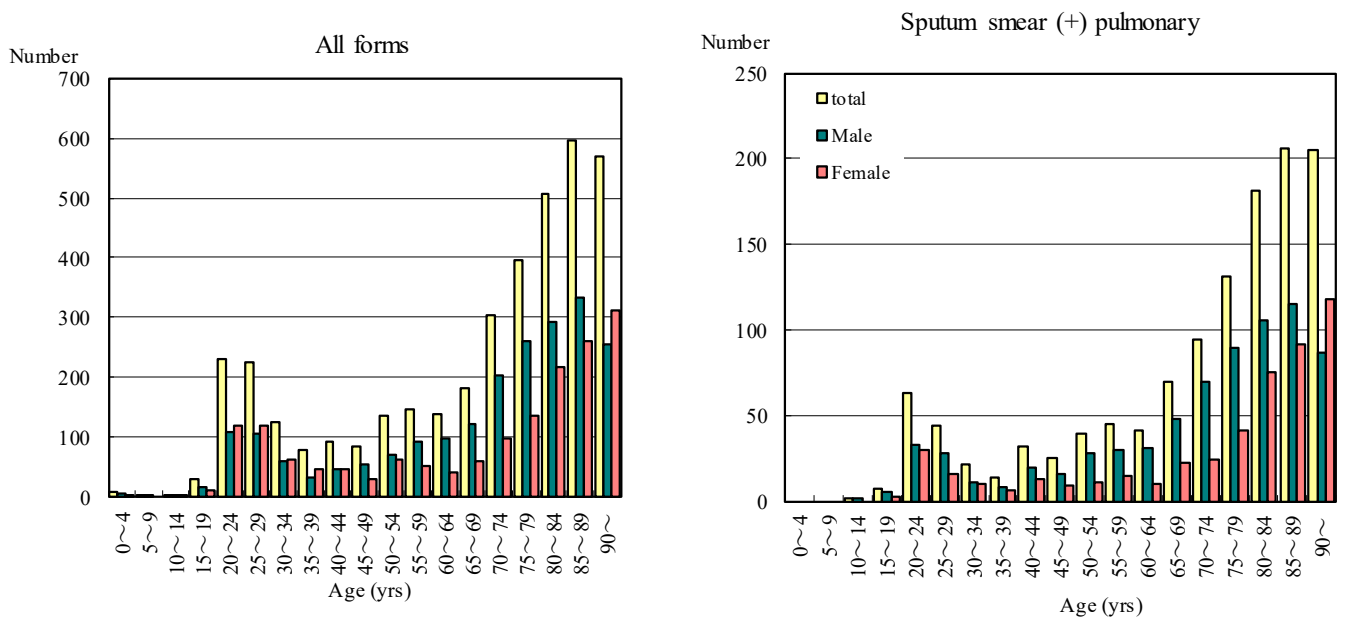


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-May.) 2024

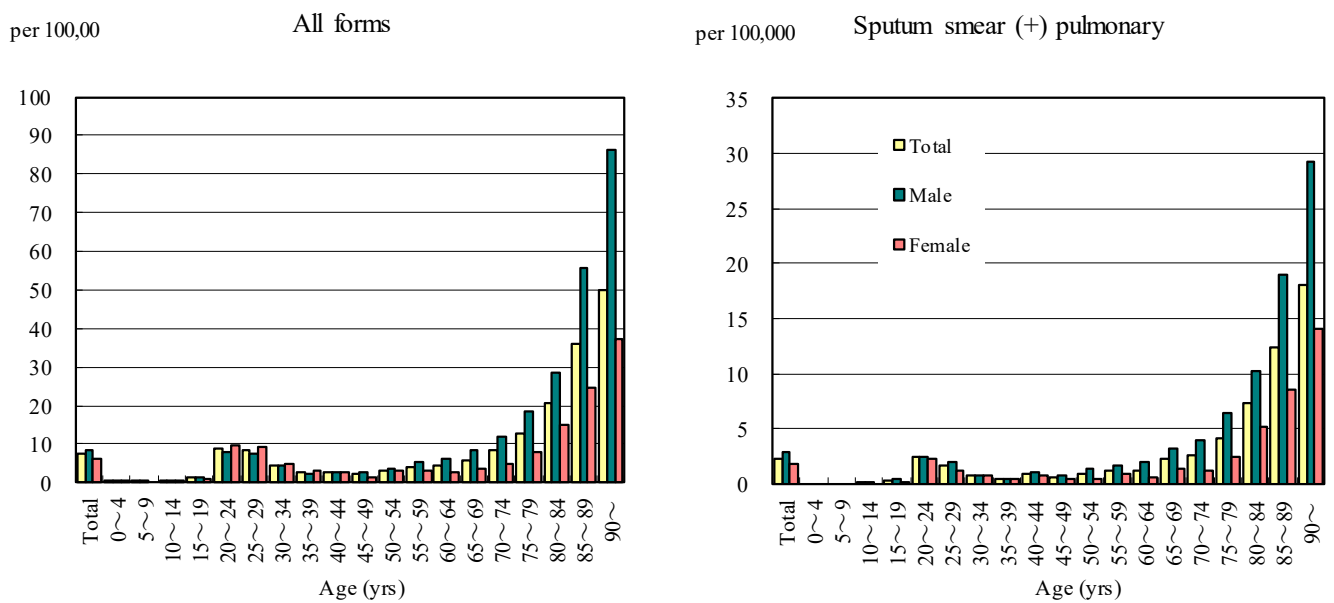


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-May.) 2024

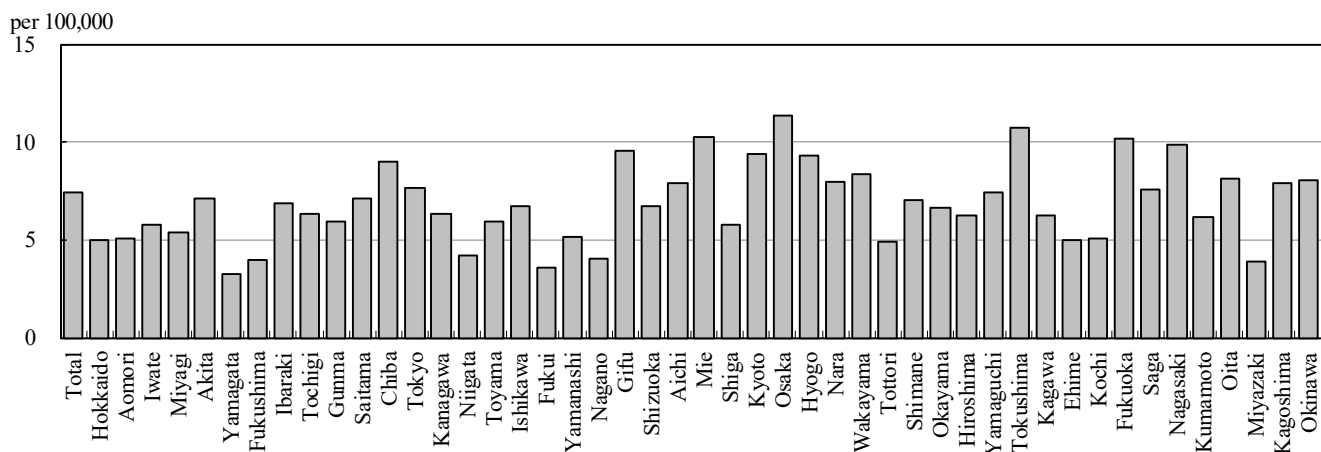


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-May.) 2024

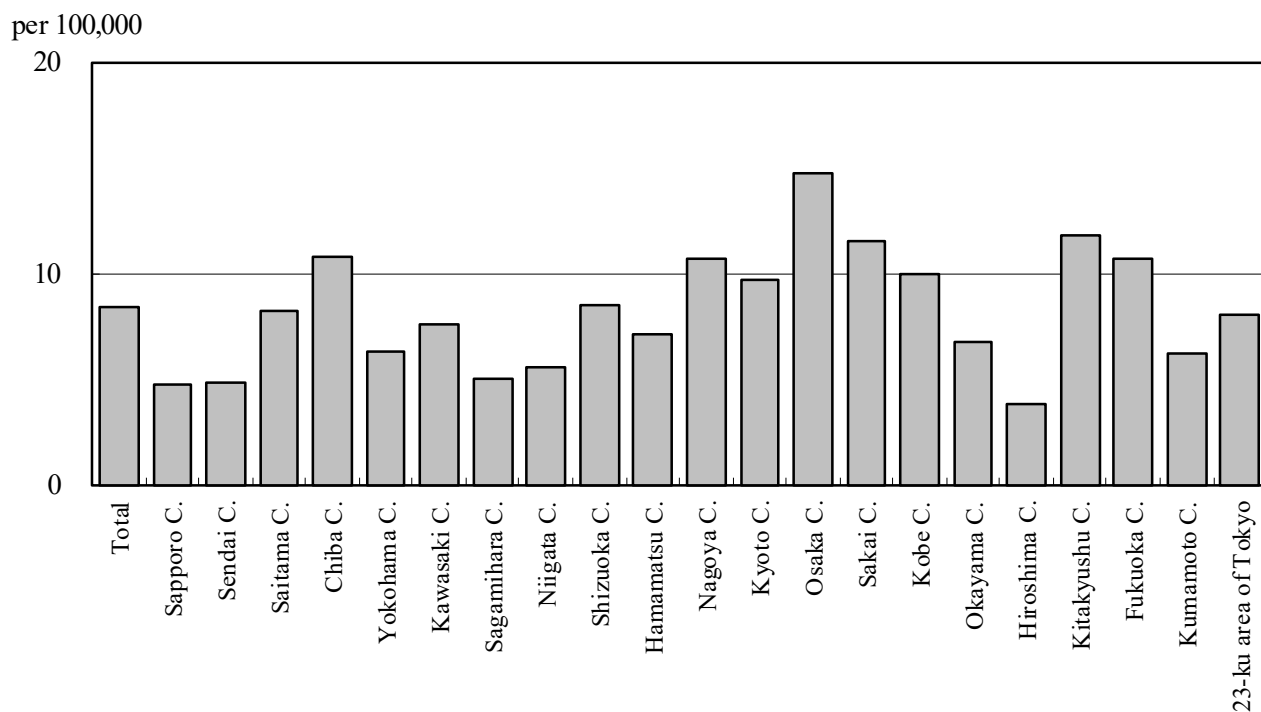


Figure 6. Number of LTBI, Japan, 2021-2024

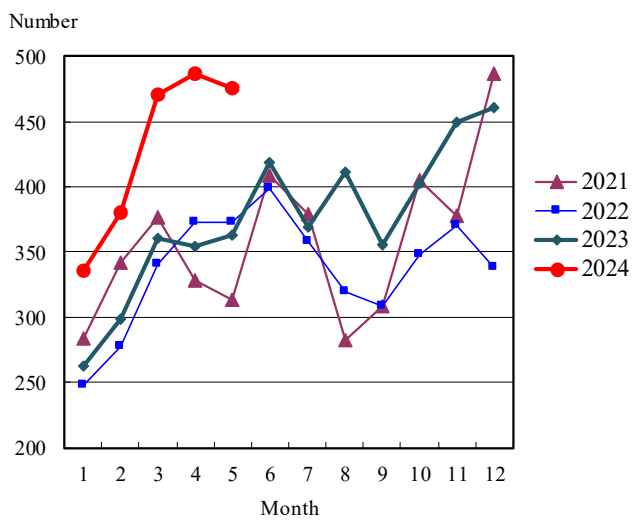


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-May.) 2024

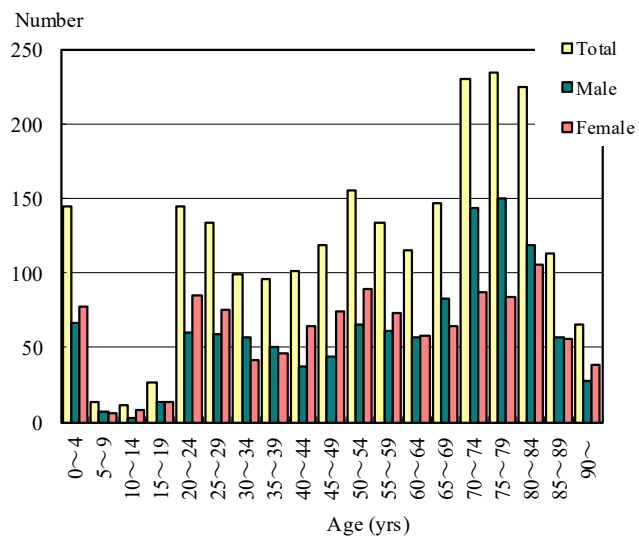


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2024

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	809	444	365	3,859	2,176	1,683	7.4	8.6	6.3
0~4	2	2	0	8	6	2	0.5	0.7	0.2
5~9	0	0	0	2	2	0	0.1	0.2	0.0
10~14	3	2	1	3	2	1	0.1	0.2	0.1
15~19	10	5	5	30	18	12	1.3	1.5	1.1
20~24	56	28	28	231	110	121	8.9	8.2	9.6
25~29	36	19	17	226	106	120	8.4	7.6	9.2
30~34	28	11	17	125	61	64	4.7	4.5	4.9
35~39	14	6	8	80	34	46	2.7	2.3	3.2
40~44	27	13	14	94	47	47	2.9	2.9	2.9
45~49	20	11	9	85	55	30	2.2	2.9	1.6
50~54	27	13	14	136	72	64	3.4	3.5	3.2
55~59	33	21	12	146	93	53	4.2	5.4	3.1
60~64	33	19	14	139	98	41	4.4	6.3	2.6
65~69	50	36	14	183	123	60	6.0	8.3	3.8
70~74	64	33	31	304	205	99	8.3	11.8	5.1
75~79	76	47	29	396	261	135	12.7	18.6	7.9
80~84	100	60	40	508	292	216	20.7	28.5	15.1
85~89	121	67	54	595	335	260	35.9	55.5	24.7
90~	109	51	58	568	256	312	49.9	86.1	37.1

Temporary registrants = 53, Total of registrants and temporary registrants = 862

Rate: summation / (population\*5/12)\*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

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	261	159	102	1,219	726	493	2.4	2.9	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	1	1	0	1	1	0	0.0	0.1	0.0
15~19	2	2	0	7	5	2	0.3	0.4	0.2
20~24	20	10	10	63	33	30	2.4	2.5	2.4
25~29	7	6	1	44	28	16	1.6	2.0	1.2
30~34	4	0	4	21	11	10	0.8	0.8	0.8
35~39	4	1	3	14	8	6	0.5	0.5	0.4
40~44	9	4	5	32	19	13	1.0	1.2	0.8
45~49	3	1	2	25	16	9	0.7	0.8	0.5
50~54	9	5	4	39	28	11	1.0	1.4	0.6
55~59	14	7	7	45	30	15	1.3	1.7	0.9
60~64	9	5	4	41	31	10	1.3	2.0	0.6
65~69	22	18	4	70	48	22	2.3	3.2	1.4
70~74	13	8	5	94	70	24	2.6	4.0	1.2
75~79	26	19	7	131	90	41	4.2	6.4	2.4
80~84	31	22	9	181	106	75	7.4	10.3	5.2
85~89	44	26	18	206	115	91	12.4	19.1	8.6
90~	43	24	19	205	87	118	18.0	29.3	14.0

Rate: summation / (population\*5/12)\*100,000

Population: as of 1st Oct. 2023

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

	May.		Summation (Jan.-May.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	809	261	3,859	1,219	7.4	2.4
Hokkaido	24	6	106	26	5.0	1.2
Aomori	3	1	25	9	5.1	1.8
Iwate	5	2	28	9	5.8	1.9
Miyagi	15	5	51	15	5.4	1.6
Akita	7	2	27	7	7.1	1.8
Yamagata	5	2	14	2	3.3	0.5
Fukushima	6	3	29	14	3.9	1.9
Ibaraki	8	1	81	22	6.9	1.9
Tochigi	10	3	50	17	6.3	2.2
Gunma	7	3	47	15	5.9	1.9
Saitama	42	11	217	70	7.1	2.3
Chiba	54	23	234	79	9.0	3.0
Tokyo	104	39	450	136	7.7	2.3
Kanagawa	52	13	242	63	6.3	1.6
Niigata	10	2	37	12	4.2	1.4
Toyama	2	0	25	6	6.0	1.4
Ishikawa	11	2	31	7	6.7	1.5
Fukui	2	1	11	3	3.5	1.0
Yamanashi	4	0	17	5	5.1	1.5
Nagano	6	3	34	16	4.1	1.9
Gifu	18	1	77	17	9.6	2.1
Shizuoka	17	5	99	31	6.7	2.1
Aichi	39	12	245	76	7.9	2.4
Mie	17	6	74	26	10.3	3.6
Shiga	8	2	34	12	5.8	2.0
Kyoto	29	8	99	31	9.4	2.9
Osaka	87	33	413	157	11.3	4.3
Hyogo	50	20	209	67	9.3	3.0
Nara	7	4	43	10	8.0	1.9
Wakayama	7	6	31	13	8.3	3.5
Tottori	1	0	11	4	4.9	1.8
Shimane	1	0	19	4	7.0	1.5
Okayama	10	4	51	15	6.6	1.9
Hiroshima	15	2	71	13	6.2	1.1
Yamaguchi	7	0	40	10	7.4	1.8
Tokushima	8	3	31	9	10.7	3.1
Kagawa	4	2	24	6	6.2	1.6
Ehime	6	3	27	9	5.0	1.7
Kochi	1	1	14	5	5.0	1.8
Fukuoka	47	9	216	76	10.2	3.6
Saga	7	3	25	11	7.5	3.3
Nagasaki	10	5	52	15	9.8	2.8
Kumamoto	8	2	44	16	6.2	2.2
Oita	4	1	37	14	8.1	3.1
Miyazaki	2	1	17	7	3.9	1.6
Kagoshima	10	3	51	15	7.9	2.3
Okinawa	12	3	49	17	8.0	2.8

Rate: summation / (population\*5/12)\*100,000

Population: as of 1st Oct. 2023

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

	May.		Summation (Jan.-May.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	278	85	1,315	425	8.4	2.7
Sapporo City	8	4	39	16	4.8	1.9
Sendai City	7	1	22	4	4.8	0.9
Saitama City	7	1	46	14	8.2	2.5
Chiba City	7	3	44	17	10.8	4.2
Yokohama City	17	4	99	24	6.3	1.5
Kawasaki City	14	4	49	15	7.6	2.3
Sagamihara City	4	2	15	6	5.0	2.0
Niigata City	5	1	18	6	5.6	1.9
Shizuoka City	1	1	24	9	8.5	3.2
Hamamatsu City	4	1	23	6	7.1	1.8
Nagoya City	17	4	104	38	10.7	3.9
Kyoto City	16	4	58	15	9.6	2.5
Osaka City	34	14	170	61	14.7	5.3
Sakai City	10	3	39	19	11.5	5.6
Kobe City	14	4	62	21	9.9	3.4
Okayama City	1	1	20	7	6.7	2.3
Hiroshima City	5	0	19	4	3.8	0.8
Kitakyushu City	11	3	45	15	11.8	3.9
Fukuoka City	21	4	73	29	10.7	4.2
Kumamoto City	4	1	19	6	6.2	2.0
23-ku area of Tokyo	71	25	327	93	8.0	2.3

Rate: summation / (population\*5/12)\*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

	May.			Summation (Jan.-May.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	476	214	262	2,307	1,161	1,146	0.6	0.5	0.7
0~4	14	6	8	144	67	77	18.0	11.2	38.5
5~9	3	1	2	13	7	6	6.5	3.5	-
10~14	5	2	3	11	3	8	3.7	1.5	8.0
15~19	8	2	6	27	13	14	0.9	0.7	1.2
20~24	36	13	23	145	60	85	0.6	0.5	0.7
25~29	22	11	11	134	59	75	0.6	0.6	0.6
30~34	21	7	14	99	57	42	0.8	0.9	0.7
35~39	15	4	11	96	50	46	1.2	1.5	1.0
40~44	13	7	6	101	37	64	1.1	0.8	1.4
45~49	29	9	20	118	44	74	1.4	0.8	2.5
50~54	33	14	19	155	66	89	1.1	0.9	1.4
55~59	31	14	17	134	61	73	0.9	0.7	1.4
60~64	22	11	11	115	57	58	0.8	0.6	1.4
65~69	32	17	15	147	83	64	0.8	0.7	1.1
70~74	42	19	23	230	143	87	0.8	0.7	0.9
75~79	58	39	19	234	150	84	0.6	0.6	0.6
80~84	48	21	27	225	119	106	0.4	0.4	0.5
85~89	27	12	15	113	57	56	0.2	0.2	0.2
90~	17	5	12	66	28	38	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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	476	2,307	0.60
Hokkaido	30	93	0.88
Aomori	4	14	0.56
Iwate	5	20	0.71
Miyagi	11	39	0.76
Akita	1	10	0.37
Yamagata	3	11	0.79
Fukushima	0	11	0.38
Ibaraki	13	72	0.89
Tochigi	2	15	0.30
Gunma	7	33	0.70
Saitama	16	129	0.59
Chiba	25	158	0.68
Tokyo	58	266	0.59
Kanagawa	38	166	0.69
Niigata	8	29	0.78
Toyama	6	25	1.00
Ishikawa	5	21	0.68
Fukui	2	4	0.36
Yamanashi	1	9	0.53
Nagano	9	31	0.91
Gifu	16	45	0.58
Shizuoka	11	48	0.48
Aichi	18	102	0.42
Mie	5	18	0.24
Shiga	4	12	0.35
Kyoto	8	55	0.56
Osaka	41	229	0.55
Hyogo	16	105	0.50
Nara	2	21	0.49
Wakayama	3	22	0.71
Tottori	4	7	0.64
Shimane	1	11	0.58
Okayama	5	33	0.65
Hiroshima	18	66	0.93
Yamaguchi	3	18	0.45
Tokushima	2	9	0.29
Kagawa	3	16	0.67
Ehime	2	13	0.48
Kochi	0	3	0.21
Fukuoka	40	167	0.77
Saga	3	13	0.52
Nagasaki	2	17	0.33
Kumamoto	8	26	0.59
Oita	7	21	0.57
Miyazaki	2	9	0.53
Kagoshima	4	16	0.31
Okinawa	4	49	1.00

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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	181	844	0.64
Sapporo City	18	48	1.23
Sendai City	5	13	0.59
Saitama City	4	24	0.52
Chiba City	5	32	0.73
Yokohama City	19	75	0.76
Kawasaki City	9	34	0.69
Sagamihara City	1	15	1.00
Niigata City	8	20	1.11
Shizuoka City	1	7	0.29
Hamamatsu City	4	10	0.43
Nagoya City	6	31	0.30
Kyoto City	4	28	0.48
Osaka City	16	106	0.62
Sakai City	2	32	0.82
Kobe City	7	48	0.77
Okayama City	2	17	0.85
Hiroshima City	4	10	0.53
Kitakyushu City	13	38	0.84
Fukuoka City	9	53	0.73
Kumamoto City	2	9	0.47
23-ku area of Tokyo	42	194	0.59

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