



## Monthly Report of Tuberculosis Surveillance, Japan - January, 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

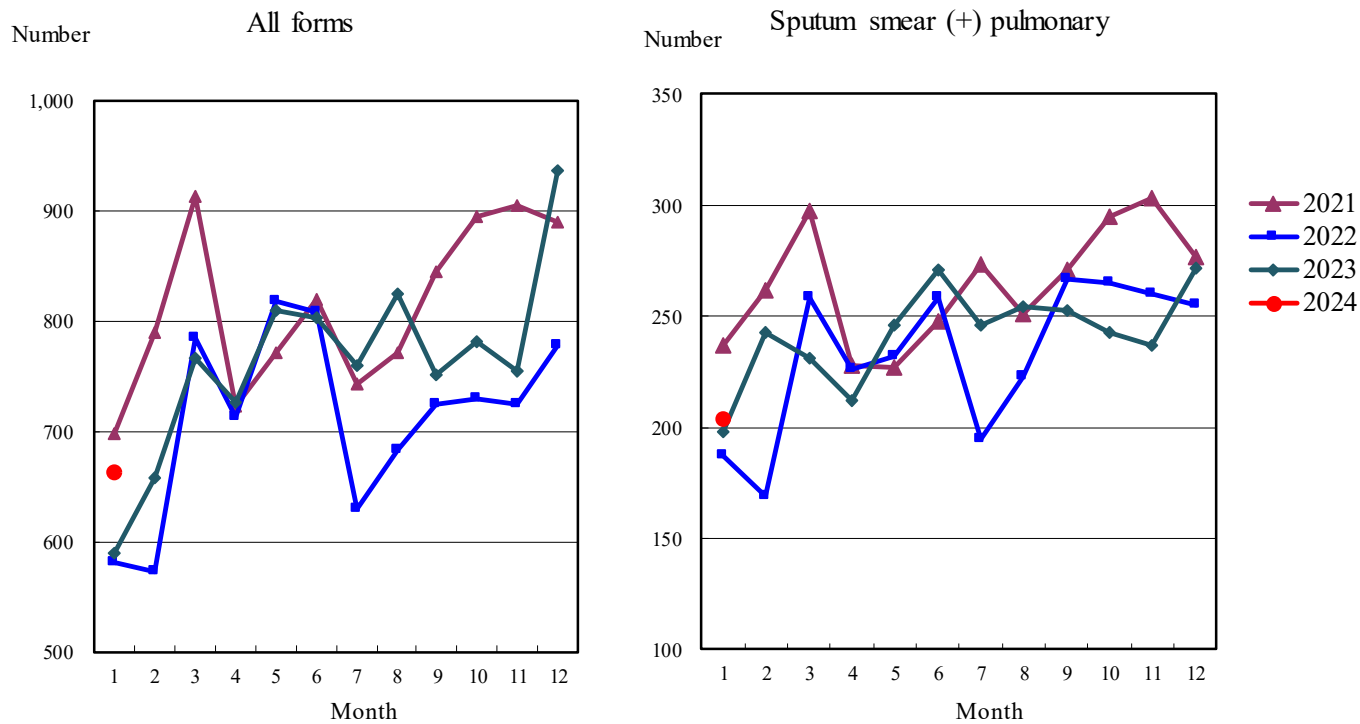


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2024

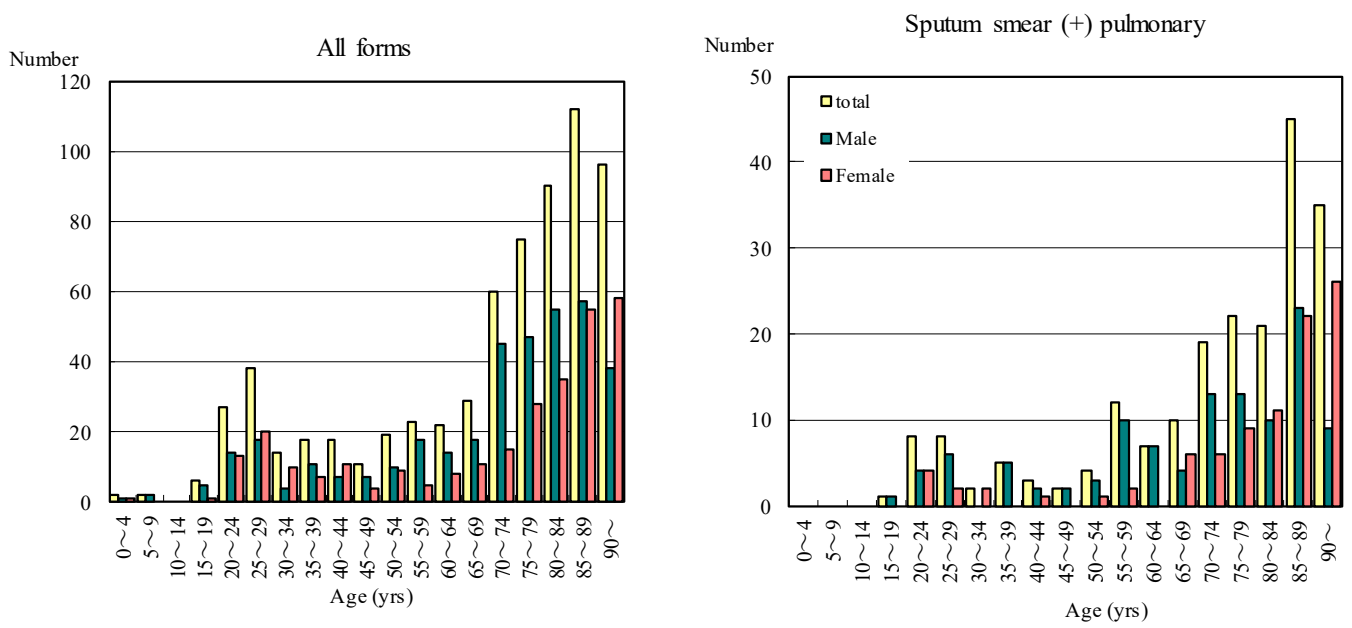


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2024

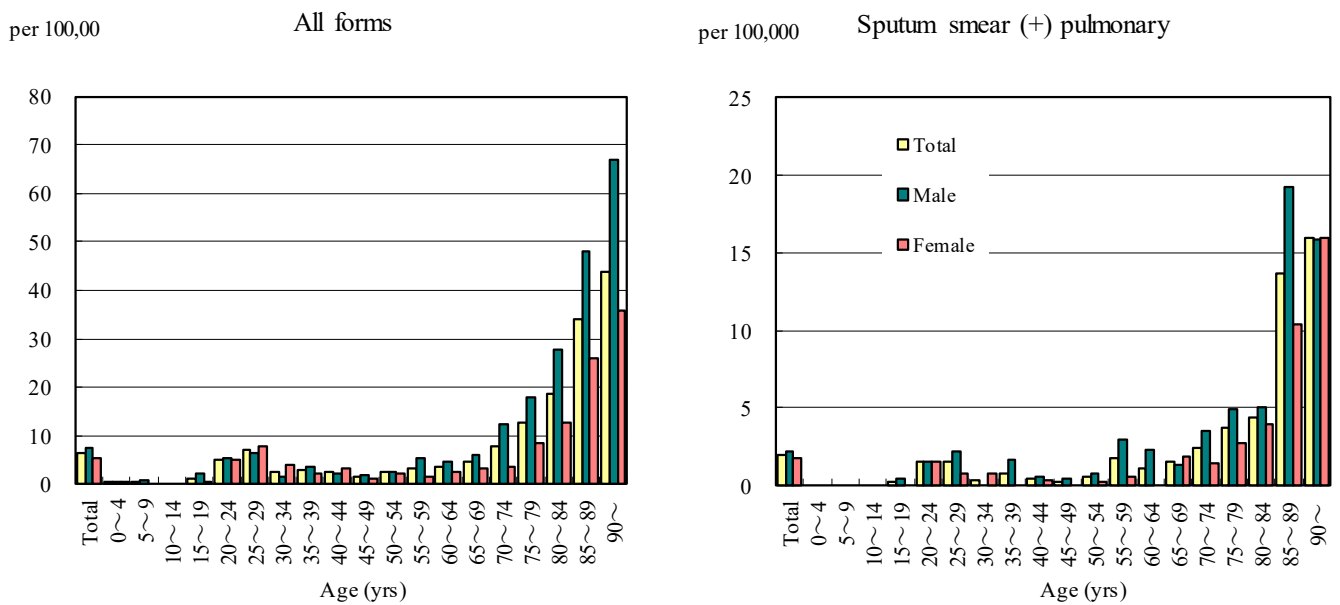


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2024

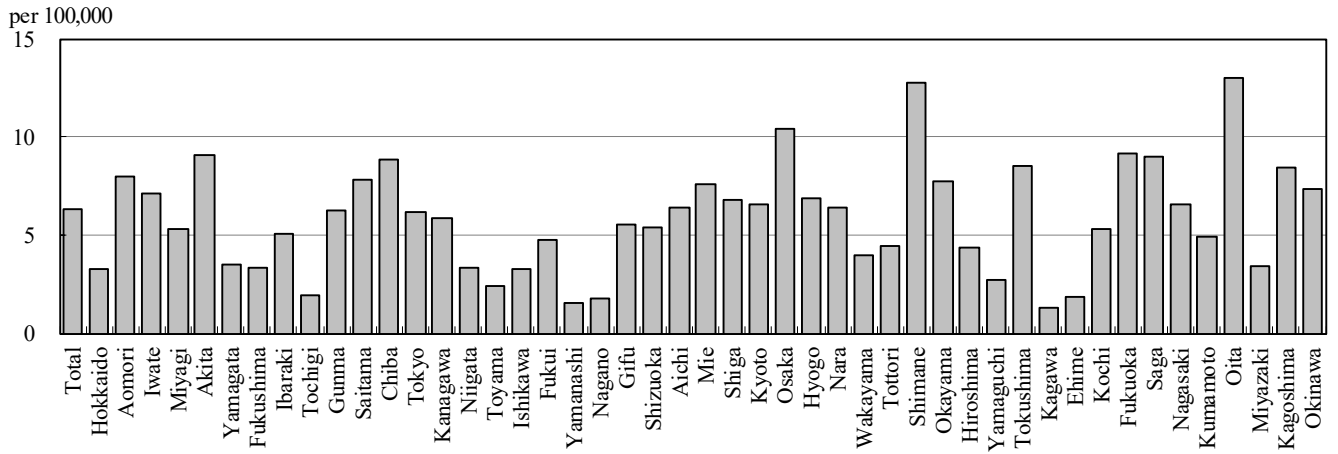


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2024

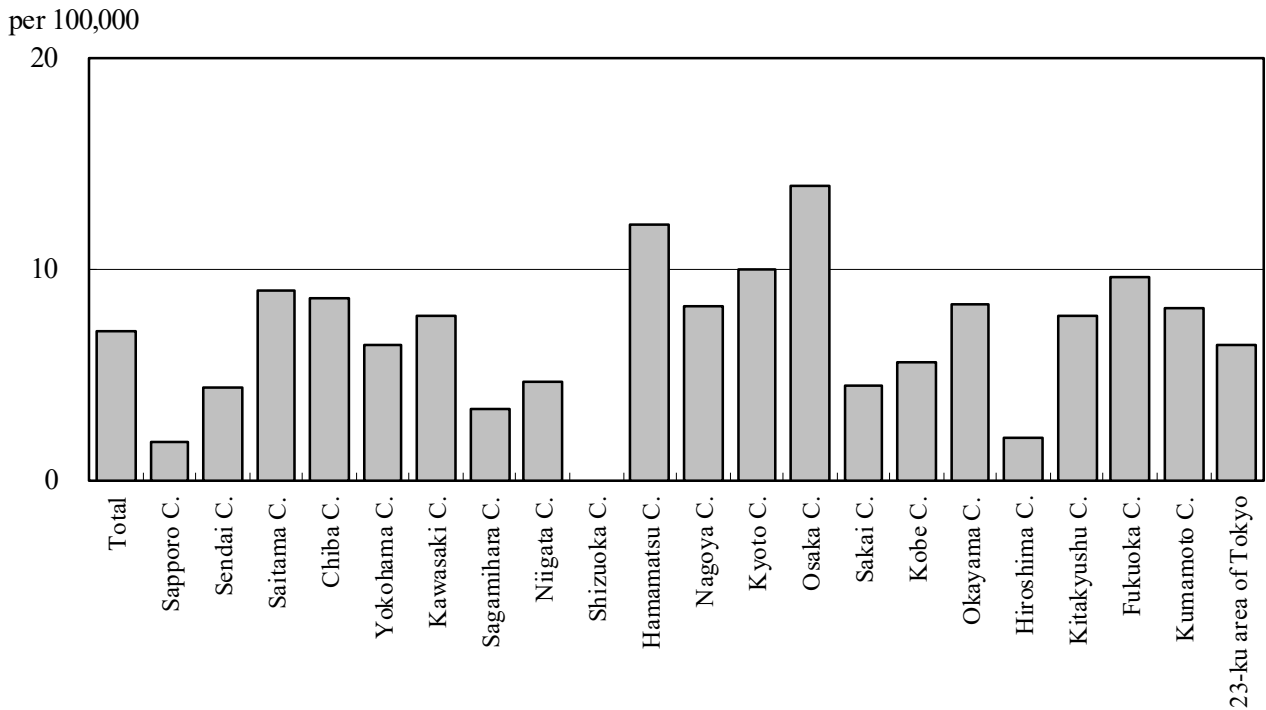


Figure 6. Number of LTBI, Japan, 2021-2024

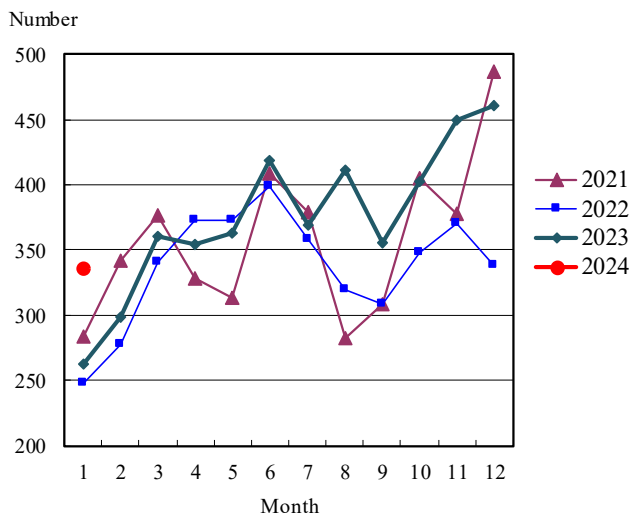


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2024

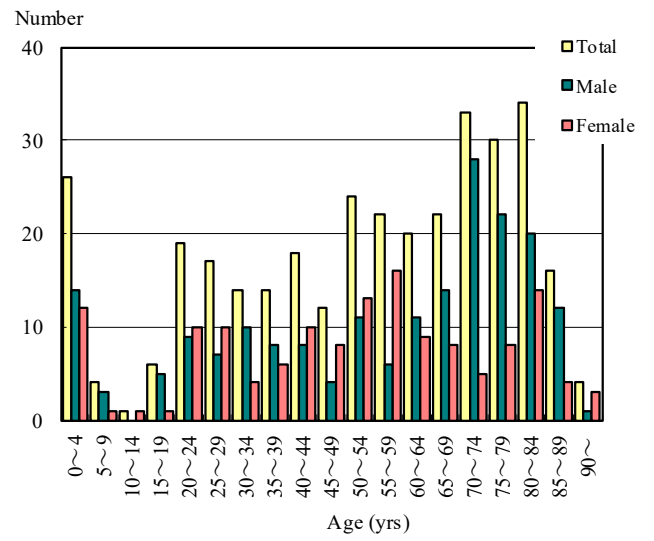


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2024

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	662	371	291	662	371	291	6.4	7.3	5.4
0~4	2	1	1	2	1	1	0.6	0.6	0.6
5~9	2	2	0	2	2	0	0.5	0.9	0.0
10~14	0	0	0	0	0	0	0.0	0.0	0.0
15~19	6	5	1	6	5	1	1.3	2.1	0.4
20~24	27	14	13	27	14	13	5.2	5.2	5.1
25~29	38	18	20	38	18	20	7.1	6.6	7.7
30~34	14	4	10	14	4	10	2.6	1.5	3.8
35~39	18	11	7	18	11	7	3.0	3.6	2.4
40~44	18	7	11	18	7	11	2.7	2.1	3.4
45~49	11	7	4	11	7	4	1.4	1.8	1.0
50~54	19	10	9	19	10	9	2.4	2.5	2.3
55~59	23	18	5	23	18	5	3.4	5.4	1.5
60~64	22	14	8	22	14	8	3.5	4.6	2.6
65~69	29	18	11	29	18	11	4.6	5.9	3.4
70~74	60	45	15	60	45	15	7.7	12.3	3.6
75~79	75	47	28	75	47	28	12.8	17.9	8.7
80~84	90	55	35	90	55	35	18.8	27.6	12.5
85~89	112	57	55	112	57	55	34.0	47.8	26.1
90~	96	38	58	96	38	58	43.7	66.9	35.6

Temporary registrants = 38, Total of registrants and temporary registrants = 700

Rate: summation / (population\*1/12)\*100,000

Population: as of 1st Oct. 2022

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

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	204	112	92	204	112	92	2.0	2.2	1.7
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	0	0	0	0.0	0.0	0.0
15~19	1	1	0	1	1	0	0.2	0.4	0.0
20~24	8	4	4	8	4	4	1.5	1.5	1.6
25~29	8	6	2	8	6	2	1.5	2.2	0.8
30~34	2	0	2	2	0	2	0.4	0.0	0.8
35~39	5	5	0	5	5	0	0.8	1.6	0.0
40~44	3	2	1	3	2	1	0.5	0.6	0.3
45~49	2	2	0	2	2	0	0.3	0.5	0.0
50~54	4	3	1	4	3	1	0.5	0.8	0.3
55~59	12	10	2	12	10	2	1.8	3.0	0.6
60~64	7	7	0	7	7	0	1.1	2.3	0.0
65~69	10	4	6	10	4	6	1.6	1.3	1.9
70~74	19	13	6	19	13	6	2.4	3.5	1.5
75~79	22	13	9	22	13	9	3.8	5.0	2.8
80~84	21	10	11	21	10	11	4.4	5.0	3.9
85~89	45	23	22	45	23	22	13.7	19.3	10.5
90~	35	9	26	35	9	26	15.9	15.8	16.0

Rate: summation / (population\*1/12)\*100,000

Population: as of 1st Oct. 2022

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

	Jan.		Summation (Jan.-Jan.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	662	204	662	204	6.4	2.0
Hokkaido	14	3	14	3	3.3	0.7
Aomori	8	5	8	5	8.0	5.0
Iwate	7	1	7	1	7.1	1.0
Miyagi	10	1	10	1	5.3	0.5
Akita	7	4	7	4	9.0	5.2
Yamagata	3	0	3	0	3.5	0.0
Fukushima	5	2	5	2	3.4	1.3
Ibaraki	12	2	12	2	5.1	0.8
Tochigi	3	1	3	1	1.9	0.6
Gunma	10	3	10	3	6.3	1.9
Saitama	48	20	48	20	7.9	3.3
Chiba	46	13	46	13	8.8	2.5
Tokyo	72	25	72	25	6.2	2.1
Kanagawa	45	12	45	12	5.8	1.6
Niigata	6	3	6	3	3.3	1.7
Toyama	2	0	2	0	2.4	0.0
Ishikawa	3	0	3	0	3.2	0.0
Fukui	3	0	3	0	4.8	0.0
Yamanashi	1	0	1	0	1.5	0.0
Nagano	3	0	3	0	1.8	0.0
Gifu	9	1	9	1	5.6	0.6
Shizuoka	16	2	16	2	5.4	0.7
Aichi	40	10	40	10	6.4	1.6
Mie	11	1	11	1	7.6	0.7
Shiga	8	4	8	4	6.8	3.4
Kyoto	14	6	14	6	6.6	2.8
Osaka	76	30	76	30	10.4	4.1
Hyogo	31	7	31	7	6.9	1.6
Nara	7	1	7	1	6.4	0.9
Wakayama	3	0	3	0	4.0	0.0
Tottori	2	0	2	0	4.4	0.0
Shimane	7	3	7	3	12.8	5.5
Okayama	12	2	12	2	7.7	1.3
Hiroshima	10	1	10	1	4.3	0.4
Yamaguchi	3	1	3	1	2.7	0.9
Tokushima	5	1	5	1	8.5	1.7
Kagawa	1	0	1	0	1.3	0.0
Ehime	2	1	2	1	1.8	0.9
Kochi	3	1	3	1	5.3	1.8
Fukuoka	39	17	39	17	9.1	4.0
Saga	6	3	6	3	9.0	4.5
Nagasaki	7	2	7	2	6.5	1.9
Kumamoto	7	5	7	5	4.9	3.5
Oita	12	4	12	4	13.0	4.3
Miyazaki	3	1	3	1	3.4	1.1
Kagoshima	11	2	11	2	8.4	1.5
Okinawa	9	3	9	3	7.4	2.5

Rate: summation / (population\*1/12)\*100,000

Population: as of 1st Oct. 2022

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

	Jan.		Summation (Jan.-Jan.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	220	69	220	69	7.0	2.2
Sapporo City	3	0	3	0	1.8	0.0
Sendai City	4	0	4	0	4.4	0.0
Saitama City	10	3	10	3	9.0	2.7
Chiba City	7	2	7	2	8.6	2.5
Yokohama City	20	6	20	6	6.4	1.9
Kawasaki City	10	2	10	2	7.8	1.6
Sagamihara City	2	1	2	1	3.3	1.7
Niigata City	3	2	3	2	4.6	3.1
Shizuoka City	0	0	0	0	0.0	0.0
Hamamatsu City	8	1	8	1	12.1	1.5
Nagoya City	16	4	16	4	8.3	2.1
Kyoto City	12	4	12	4	9.9	3.3
Osaka City	32	10	32	10	13.9	4.4
Sakai City	3	2	3	2	4.4	2.9
Kobe City	7	2	7	2	5.6	1.6
Okayama City	5	0	5	0	8.3	0.0
Hiroshima City	2	0	2	0	2.0	0.0
Kitakyushu City	6	2	6	2	7.8	2.6
Fukuoka City	13	8	13	8	9.6	5.9
Kumamoto City	5	4	5	4	8.1	6.5
23-ku area of Tokyo	52	16	52	16	6.4	2.0

Rate: summation / (population\*1/12)\*100,000

Population: as of 1st Oct. 2022

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

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	336	193	143	336	193	143	0.5	0.5	0.5
0~4	26	14	12	26	14	12	13.0	14.0	12.0
5~9	4	3	1	4	3	1	2.0	1.5	-
10~14	1	0	1	1	0	1	-	-	-
15~19	6	5	1	6	5	1	1.0	1.0	1.0
20~24	19	9	10	19	9	10	0.7	0.6	0.8
25~29	17	7	10	17	7	10	0.4	0.4	0.5
30~34	14	10	4	14	10	4	1.0	2.5	0.4
35~39	14	8	6	14	8	6	0.8	0.7	0.9
40~44	18	8	10	18	8	10	1.0	1.1	0.9
45~49	12	4	8	12	4	8	1.1	0.6	2.0
50~54	24	11	13	24	11	13	1.3	1.1	1.4
55~59	22	6	16	22	6	16	1.0	0.3	3.2
60~64	20	11	9	20	11	9	0.9	0.8	1.1
65~69	22	14	8	22	14	8	0.8	0.8	0.7
70~74	33	28	5	33	28	5	0.6	0.6	0.3
75~79	30	22	8	30	22	8	0.4	0.5	0.3
80~84	34	20	14	34	20	14	0.4	0.4	0.4
85~89	16	12	4	16	12	4	0.1	0.2	0.1
90~	4	1	3	4	1	3	0.0	0.0	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

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	336	336	0.51
Hokkaido	14	14	1.00
Aomori	0	0	0.00
Iwate	3	3	0.43
Miyagi	7	7	0.70
Akita	3	3	0.43
Yamagata	1	1	0.33
Fukushima	2	2	0.40
Ibaraki	16	16	1.33
Tochigi	3	3	1.00
Gunma	2	2	0.20
Saitama	24	24	0.50
Chiba	39	39	0.85
Tokyo	43	43	0.60
Kanagawa	13	13	0.29
Niigata	2	2	0.33
Toyama	5	5	2.50
Ishikawa	4	4	1.33
Fukui	0	0	0.00
Yamanashi	2	2	2.00
Nagano	4	4	1.33
Gifu	5	5	0.56
Shizuoka	3	3	0.19
Aichi	18	18	0.45
Mie	3	3	0.27
Shiga	4	4	0.50
Kyoto	9	9	0.64
Osaka	34	34	0.45
Hyogo	14	14	0.45
Nara	5	5	0.71
Wakayama	2	2	0.67
Tottori	1	1	0.50
Shimane	2	2	0.29
Okayama	5	5	0.42
Hiroshima	3	3	0.30
Yamaguchi	2	2	0.67
Tokushima	0	0	0.00
Kagawa	3	3	3.00
Ehime	2	2	1.00
Kochi	2	2	0.67
Fukuoka	18	18	0.46
Saga	0	0	0.00
Nagasaki	1	1	0.14
Kumamoto	3	3	0.43
Oita	1	1	0.08
Miyazaki	1	1	0.33
Kagoshima	4	4	0.36
Okinawa	4	4	0.44

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

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	120	120	0.55
Sapporo City	6	6	2.00
Sendai City	1	1	0.25
Saitama City	3	3	0.30
Chiba City	8	8	1.14
Yokohama City	9	9	0.45
Kawasaki City	1	1	0.10
Sagamihara City	2	2	1.00
Niigata City	1	1	0.33
Shizuoka City	0	0	-
Hamamatsu City	0	0	0.00
Nagoya City	8	8	0.50
Kyoto City	6	6	0.50
Osaka City	16	16	0.50
Sakai City	4	4	1.33
Kobe City	6	6	0.86
Okayama City	4	4	0.80
Hiroshima City	1	1	0.50
Kitakyushu City	6	6	1.00
Fukuoka City	7	7	0.54
Kumamoto City	0	0	0.00
23-ku area of Tokyo	31	31	0.60

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