



Monthly Report of Tuberculosis Surveillance, Japan - January, 2022

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, 2019-2022

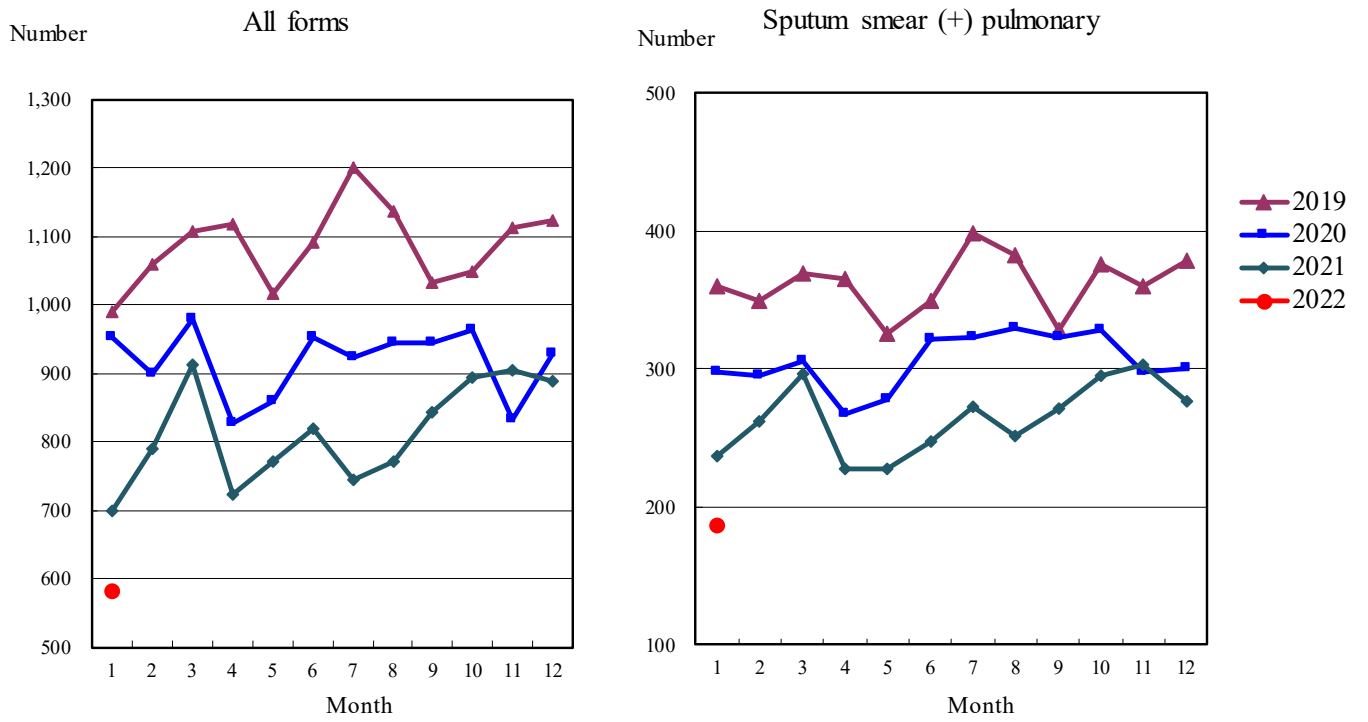


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2022

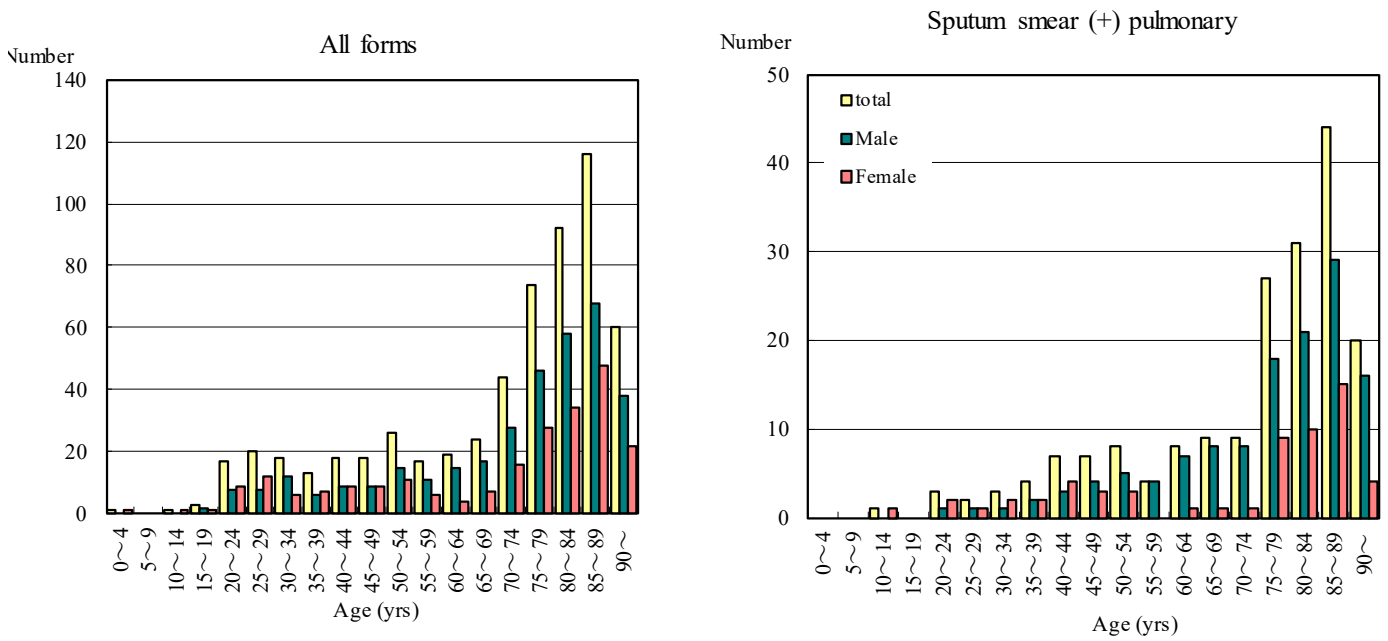


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2022

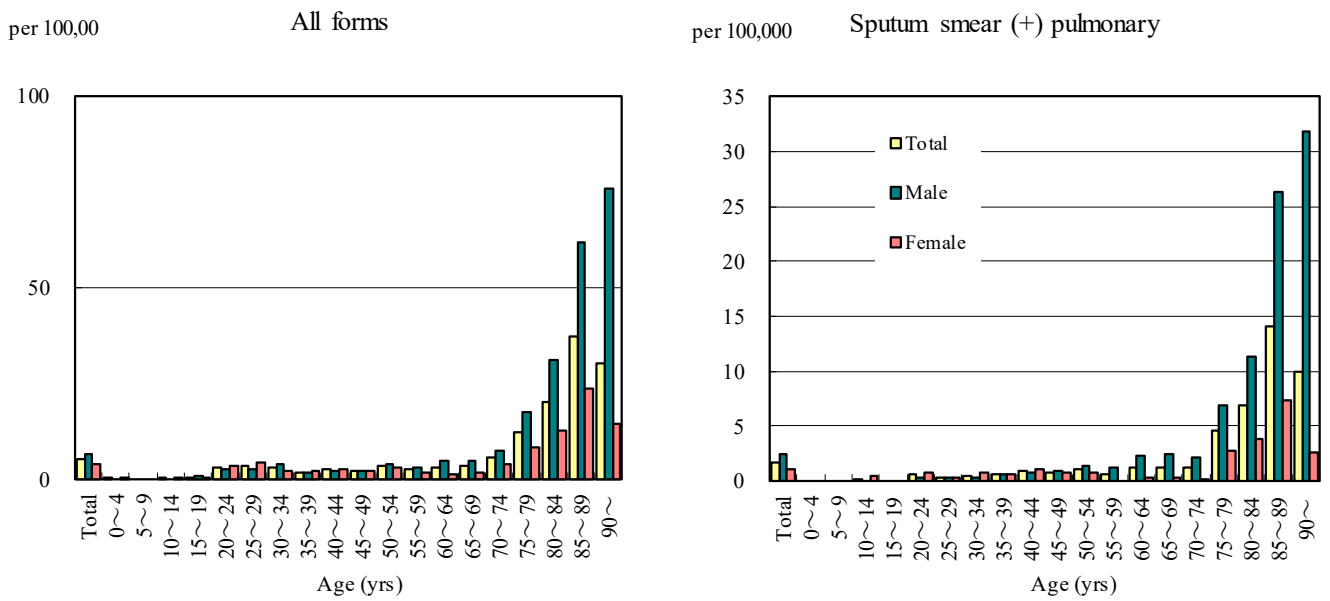


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2022

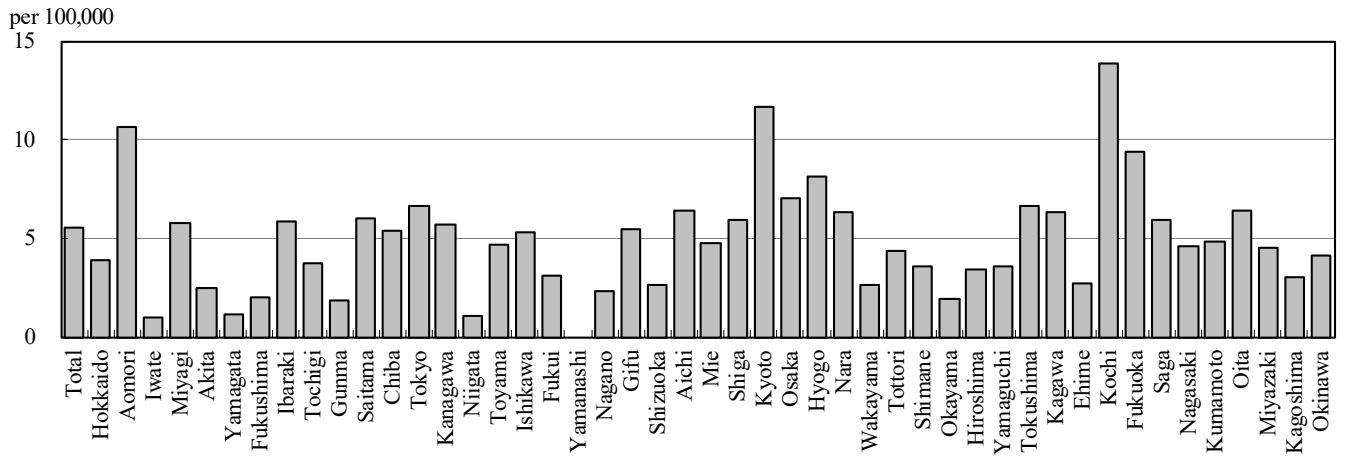


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2022

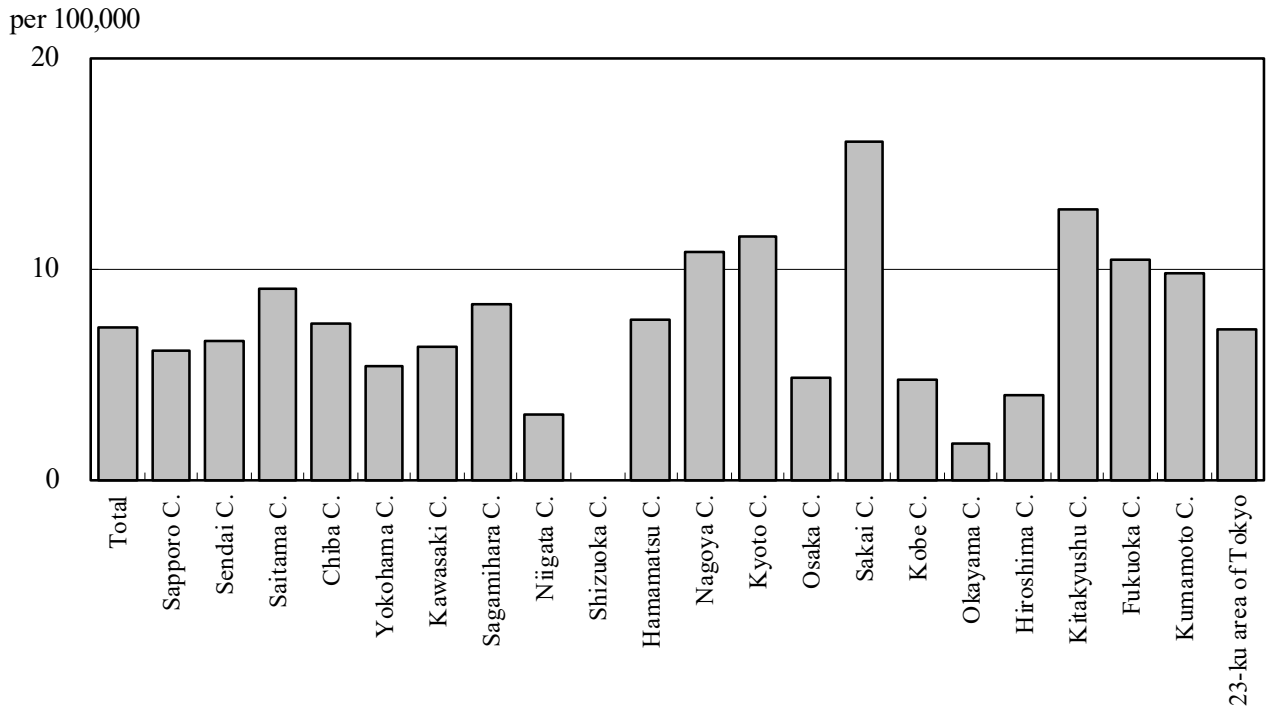


Figure 6. Number of LTBI, Japan, 2019-2022

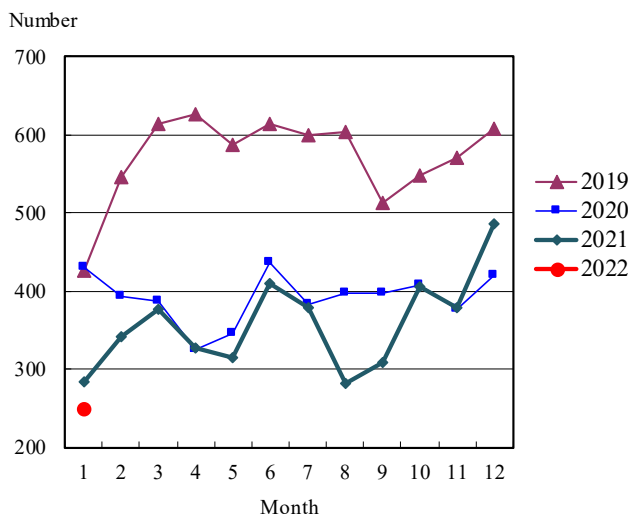


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2022

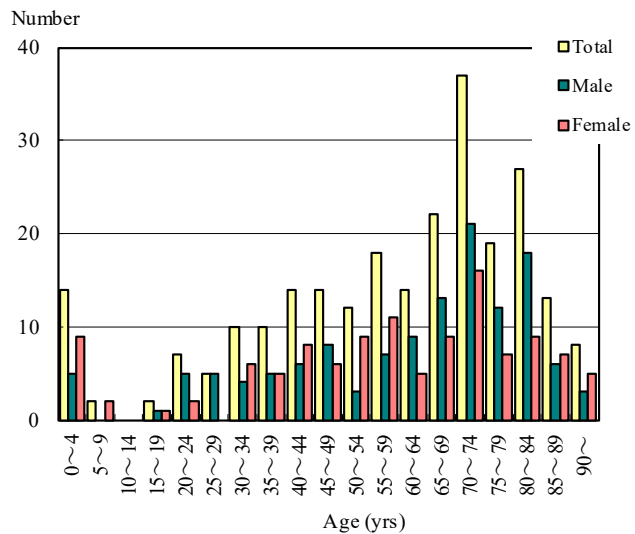


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2022

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	581	350	231	581	350	231	5.5	6.8	4.3
0~4	1	0	1	1	0	1	0.3	0.0	0.5
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	1	0	1	1	0	1	0.2	0.0	0.5
15~19	3	2	1	3	2	1	0.6	0.8	0.4
20~24	17	8	9	17	8	9	3.2	3.0	3.5
25~29	20	8	12	20	8	12	3.8	2.9	4.6
30~34	18	12	6	18	12	6	3.2	4.2	2.2
35~39	13	6	7	13	6	7	2.1	1.9	2.3
40~44	18	9	9	18	9	9	2.5	2.5	2.6
45~49	18	9	9	18	9	9	2.2	2.2	2.2
50~54	26	15	11	26	15	11	3.6	4.1	3.0
55~59	17	11	6	17	11	6	2.6	3.3	1.8
60~64	19	15	4	19	15	4	3.1	4.9	1.3
65~69	24	17	7	24	17	7	3.5	5.1	2.0
70~74	44	28	16	44	28	16	5.7	7.7	4.0
75~79	74	46	28	74	46	28	12.6	17.5	8.6
80~84	92	58	34	92	58	34	20.4	31.2	12.9
85~89	116	68	48	116	68	48	37.2	61.6	23.8
90~	60	38	22	60	38	22	30.1	75.7	14.8

Temporary registrants = 67, Total of registrants and temporary registrants = 648

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

Population: as of 1st Oct. 2020

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2022

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	187	128	59	187	128	59	1.8	2.5	1.1
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	0	1	1	0	1	0.2	0.0	0.5
15~19	0	0	0	0	0	0	0.0	0.0	0.0
20~24	3	1	2	3	1	2	0.6	0.4	0.8
25~29	2	1	1	2	1	1	0.4	0.4	0.4
30~34	3	1	2	3	1	2	0.5	0.3	0.7
35~39	4	2	2	4	2	2	0.6	0.6	0.6
40~44	7	3	4	7	3	4	1.0	0.8	1.1
45~49	7	4	3	7	4	3	0.9	1.0	0.7
50~54	8	5	3	8	5	3	1.1	1.4	0.8
55~59	4	4	0	4	4	0	0.6	1.2	0.0
60~64	8	7	1	8	7	1	1.3	2.3	0.3
65~69	9	8	1	9	8	1	1.3	2.4	0.3
70~74	9	8	1	9	8	1	1.2	2.2	0.2
75~79	27	18	9	27	18	9	4.6	6.9	2.8
80~84	31	21	10	31	21	10	6.9	11.3	3.8
85~89	44	29	15	44	29	15	14.1	26.3	7.4
90~	20	16	4	20	16	4	10.0	31.9	2.7

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

Population: as of 1st Oct. 2020

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2022

	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	581	187	581	187	5.5
Hokkaido	17	6	17	6	3.9	1.4
Aomori	11	4	11	4	10.7	3.9
Iwate	1	0	1	0	1.0	0.0
Miyagi	11	5	11	5	5.7	2.6
Akita	2	0	2	0	2.5	0.0
Yamagata	1	1	1	1	1.1	1.1
Fukushima	3	1	3	1	2.0	0.7
Ibaraki	14	5	14	5	5.9	2.1
Tochigi	6	2	6	2	3.7	1.2
Gunma	3	0	3	0	1.9	0.0
Saitama	37	11	37	11	6.0	1.8
Chiba	28	6	28	6	5.3	1.1
Tokyo	78	27	78	27	6.7	2.3
Kanagawa	44	13	44	13	5.7	1.7
Niigata	2	0	2	0	1.1	0.0
Toyama	4	2	4	2	4.6	2.3
Ishikawa	5	3	5	3	5.3	3.2
Fukui	2	1	2	1	3.1	1.6
Yamanashi	0	0	0	0	0.0	0.0
Nagano	4	0	4	0	2.3	0.0
Gifu	9	3	9	3	5.5	1.8
Shizuoka	8	2	8	2	2.6	0.7
Aichi	40	16	40	16	6.4	2.5
Mie	7	4	7	4	4.7	2.7
Shiga	7	1	7	1	5.9	0.8
Kyoto	25	3	25	3	11.6	1.4
Osaka	52	23	52	23	7.1	3.1
Hyogo	37	14	37	14	8.1	3.1
Nara	7	1	7	1	6.3	0.9
Wakayama	2	1	2	1	2.6	1.3
Tottori	2	0	2	0	4.3	0.0
Shimane	2	0	2	0	3.6	0.0
Okayama	3	1	3	1	1.9	0.6
Hiroshima	8	3	8	3	3.4	1.3
Yamaguchi	4	1	4	1	3.6	0.9
Tokushima	4	0	4	0	6.7	0.0
Kagawa	5	1	5	1	6.3	1.3
Ehime	3	1	3	1	2.7	0.9
Kochi	8	2	8	2	13.9	3.5
Fukuoka	40	11	40	11	9.3	2.6
Saga	4	0	4	0	5.9	0.0
Nagasaki	5	1	5	1	4.6	0.9
Kumamoto	7	5	7	5	4.8	3.5
Oita	6	3	6	3	6.4	3.2
Miyazaki	4	0	4	0	4.5	0.0
Kagoshima	4	2	4	2	3.0	1.5
Okinawa	5	1	5	1	4.1	0.8

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

Population: as of 1st Oct. 2020

Table 4. Newly notified TB cases and rates by major city, Japan, 2022

	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	225	81	225	81	7.2	2.6
Sapporo City	10	4	10	4	6.1	2.4
Sendai City	6	3	6	3	6.6	3.3
Saitama City	10	3	10	3	9.1	2.7
Chiba City	6	2	6	2	7.4	2.5
Yokohama City	17	6	17	6	5.4	1.9
Kawasaki City	8	2	8	2	6.2	1.6
Sagamihara City	5	1	5	1	8.3	1.7
Niigata City	2	0	2	0	3.0	0.0
Shizuoka City	0	0	0	0	0.0	0.0
Hamamatsu City	5	2	5	2	7.6	3.0
Nagoya City	21	10	21	10	10.8	5.1
Kyoto City	14	1	14	1	11.5	0.8
Osaka City	11	3	11	3	4.8	1.3
Sakai City	11	7	11	7	16.0	10.2
Kobe City	6	4	6	4	4.7	3.1
Okayama City	1	0	1	0	1.7	0.0
Hiroshima City	4	2	4	2	4.0	2.0
Kitakyushu City	10	2	10	2	12.8	2.6
Fukuoka City	14	4	14	4	10.4	3.0
Kumamoto City	6	4	6	4	9.7	6.5
23-ku area of Tokyo	58	21	58	21	7.2	2.6

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

Population: as of 1st Oct. 2020

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, 2022

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	248	131	117	248	131	117	0.4	0.4	0.5
0~4	14	5	9	14	5	9	14.0	-	9.0
5~9	2	0	2	2	0	2	-	-	-
10~14	0	0	0	0	0	0	0.0	-	0.0
15~19	2	1	1	2	1	1	0.7	0.5	1.0
20~24	7	5	2	7	5	2	0.4	0.6	0.2
25~29	5	5	0	5	5	0	0.3	0.6	0.0
30~34	10	4	6	10	4	6	0.6	0.3	1.0
35~39	10	5	5	10	5	5	0.8	0.8	0.7
40~44	14	6	8	14	6	8	0.8	0.7	0.9
45~49	14	8	6	14	8	6	0.8	0.9	0.7
50~54	12	3	9	12	3	9	0.5	0.2	0.8
55~59	18	7	11	18	7	11	1.1	0.6	1.8
60~64	14	9	5	14	9	5	0.7	0.6	1.3
65~69	22	13	9	22	13	9	0.9	0.8	1.3
70~74	37	21	16	37	21	16	0.8	0.8	1.0
75~79	19	12	7	19	12	7	0.3	0.3	0.3
80~84	27	18	9	27	18	9	0.3	0.3	0.3
85~89	13	6	7	13	6	7	0.1	0.1	0.1
90~	8	3	5	8	3	5	0.1	0.1	0.2

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, 2022

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	248	248	0.43
Hokkaido	11	11	0.65
Aomori	6	6	0.55
Iwate	3	3	3.00
Miyagi	2	2	0.18
Akita	1	1	0.50
Yamagata	0	0	0.00
Fukushima	6	6	2.00
Ibaraki	3	3	0.21
Tochigi	2	2	0.33
Gunma	0	0	0.00
Saitama	25	25	0.68
Chiba	16	16	0.57
Tokyo	44	44	0.56
Kanagawa	11	11	0.25
Niigata	1	1	0.50
Toyama	1	1	0.25
Ishikawa	1	1	0.20
Fukui	1	1	0.50
Yamanashi	0	0	-
Nagano	3	3	0.75
Gifu	1	1	0.11
Shizuoka	0	0	0.00
Aichi	15	15	0.38
Mie	3	3	0.43
Shiga	1	1	0.14
Kyoto	4	4	0.16
Osaka	22	22	0.42
Hyogo	15	15	0.41
Nara	0	0	0.00
Wakayama	1	1	0.50
Tottori	1	1	0.50
Shimane	0	0	0.00
Okayama	3	3	1.00
Hiroshima	4	4	0.50
Yamaguchi	5	5	1.25
Tokushima	1	1	0.25
Kagawa	6	6	1.20
Ehime	3	3	1.00
Kochi	1	1	0.13
Fukuoka	15	15	0.38
Saga	0	0	0.00
Nagasaki	0	0	0.00
Kumamoto	5	5	0.71
Oita	2	2	0.33
Miyazaki	0	0	0.00
Kagoshima	2	2	0.50
Okinawa	1	1	0.20

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, 2022

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	93	93	0.41
Sapporo City	5	5	0.50
Sendai City	2	2	0.33
Saitama City	2	2	0.20
Chiba City	1	1	0.17
Yokohama City	2	2	0.12
Kawasaki City	4	4	0.50
Sagamihara City	2	2	0.40
Niigata City	1	1	0.50
Shizuoka City	0	0	-
Hamamatsu City	0	0	0.00
Nagoya City	10	10	0.48
Kyoto City	4	4	0.29
Osaka City	3	3	0.27
Sakai City	4	4	0.36
Kobe City	4	4	0.67
Okayama City	2	2	2.00
Hiroshima City	2	2	0.50
Kitakyushu City	5	5	0.50
Fukuoka City	7	7	0.50
Kumamoto City	2	2	0.33
23-ku area of Tokyo	31	31	0.53

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