



Monthly Report of Tuberculosis Surveillance, Japan - January, 2023

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, 2020-2023

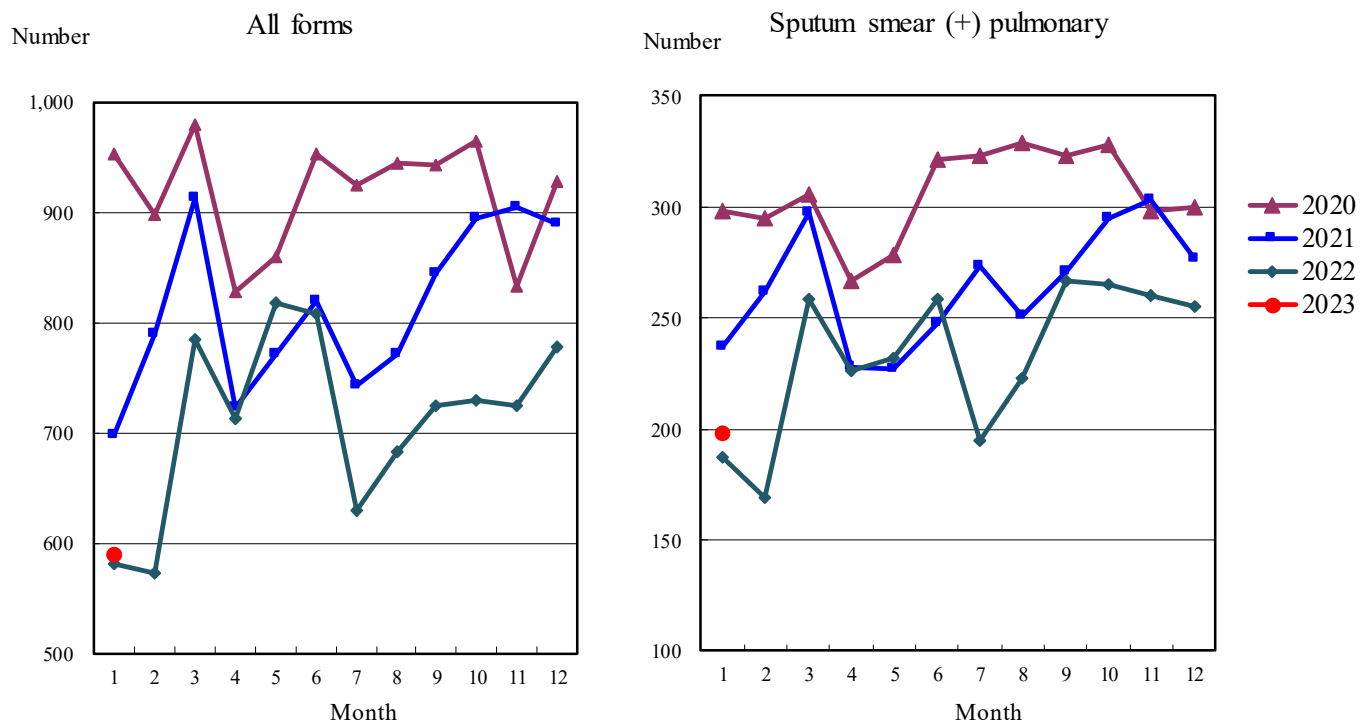


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2023

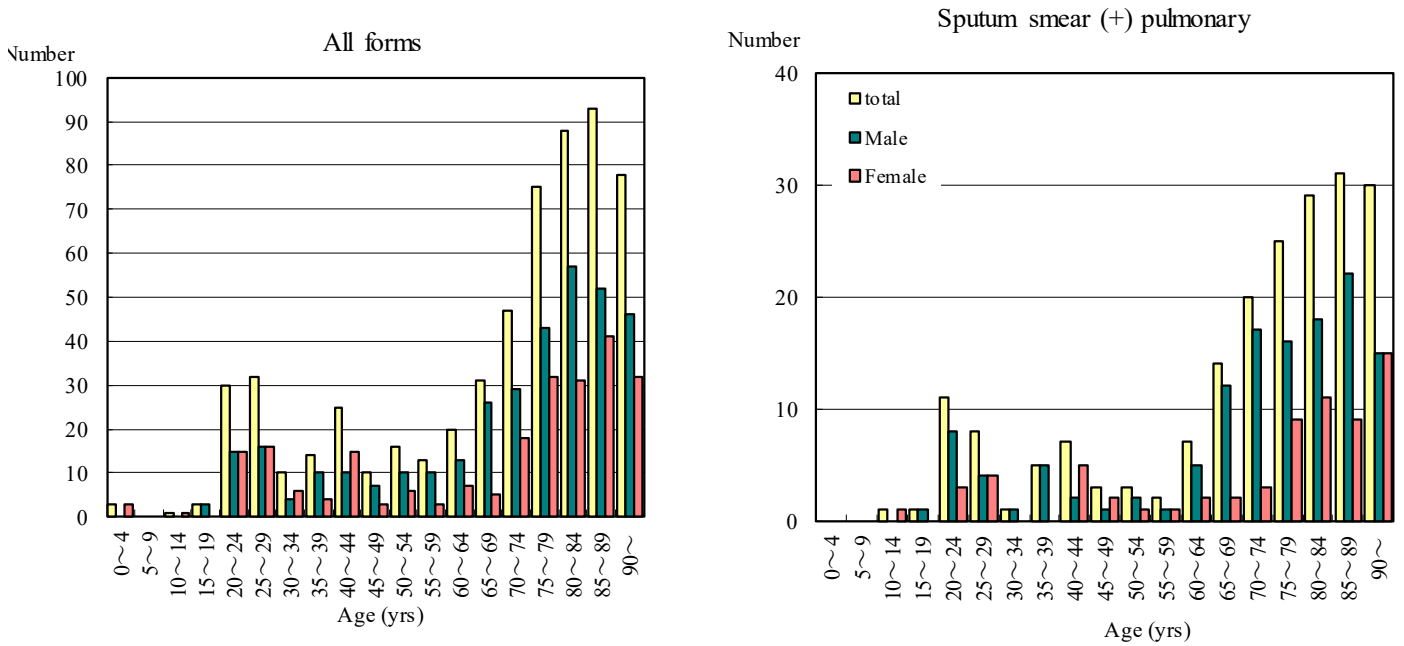


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2023

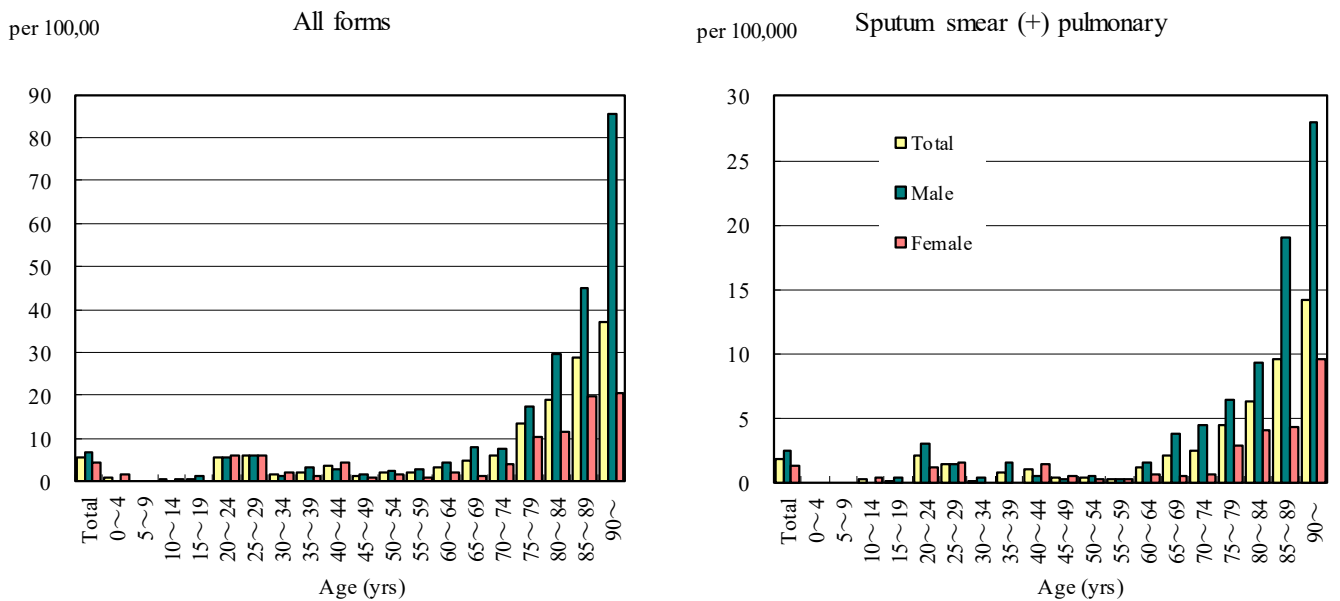


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2023

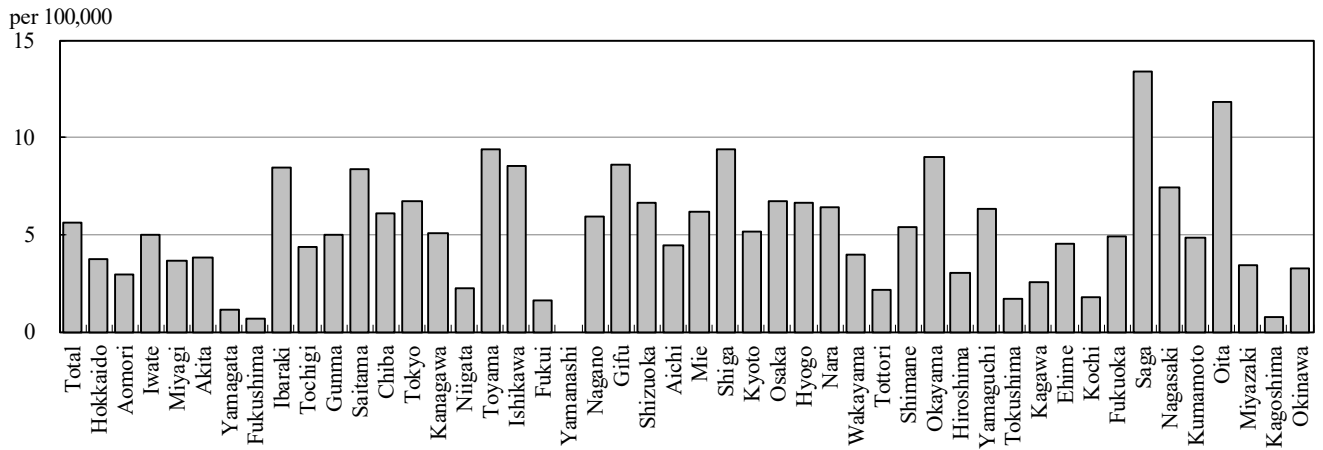


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2023

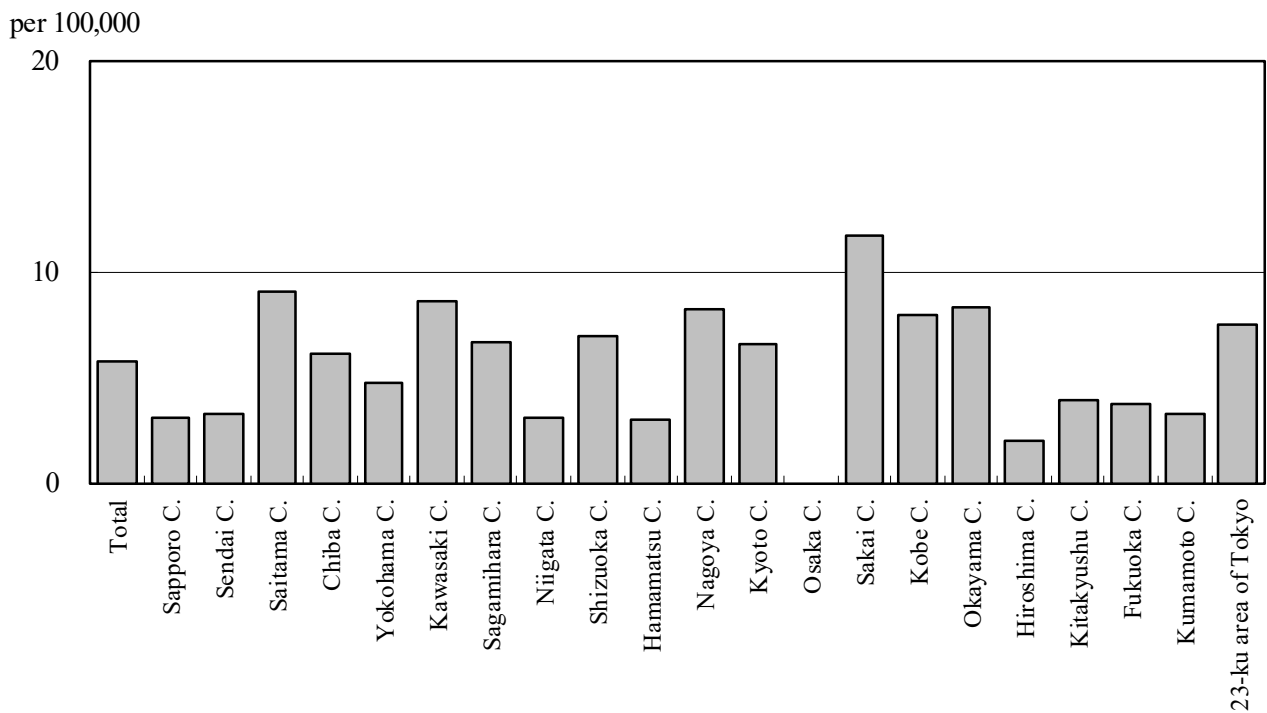


Figure 6. Number of LTBI, Japan, 2020-2023

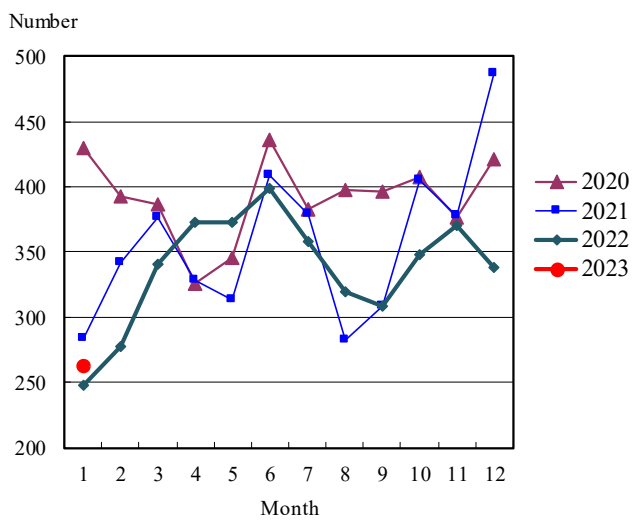


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2023

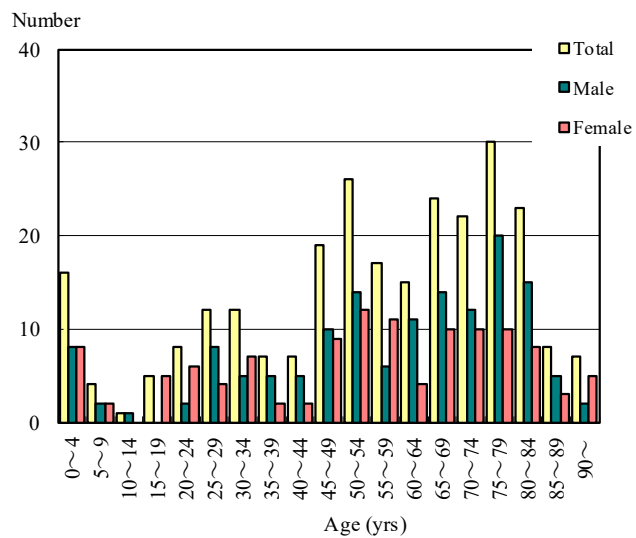


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2023

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	589	351	238	589	351	238	5.6	6.9	4.4
0~4	3	0	3	3	0	3	0.8	0.0	1.7
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	3	0	3	3	0	0.6	1.3	0.0
20~24	30	15	15	30	15	15	5.7	5.6	5.9
25~29	32	16	16	32	16	16	6.0	5.9	6.2
30~34	10	4	6	10	4	6	1.8	1.4	2.2
35~39	14	10	4	14	10	4	2.3	3.2	1.3
40~44	25	10	15	25	10	15	3.7	2.9	4.5
45~49	10	7	3	10	7	3	1.2	1.7	0.7
50~54	16	10	6	16	10	6	2.1	2.6	1.6
55~59	13	10	3	13	10	3	2.0	3.1	0.9
60~64	20	13	7	20	13	7	3.2	4.3	2.2
65~69	31	26	5	31	26	5	4.7	8.2	1.5
70~74	47	29	18	47	29	18	5.8	7.6	4.2
75~79	75	43	32	75	43	32	13.4	17.3	10.3
80~84	88	57	31	88	57	31	19.0	29.6	11.4
85~89	93	52	41	93	52	41	28.8	45.0	19.8
90~	78	46	32	78	46	32	37.0	85.6	20.4

Temporary registrants = 19, Total of registrants and temporary registrants = 608

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

Population: as of 1st Oct. 2021

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2023

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	198	130	68	198	130	68	1.9	2.6	1.3
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	1	1	0	1	1	0	0.2	0.4	0.0
20~24	11	8	3	11	8	3	2.1	3.0	1.2
25~29	8	4	4	8	4	4	1.5	1.5	1.5
30~34	1	1	0	1	1	0	0.2	0.4	0.0
35~39	5	5	0	5	5	0	0.8	1.6	0.0
40~44	7	2	5	7	2	5	1.0	0.6	1.5
45~49	3	1	2	3	1	2	0.4	0.2	0.5
50~54	3	2	1	3	2	1	0.4	0.5	0.3
55~59	2	1	1	2	1	1	0.3	0.3	0.3
60~64	7	5	2	7	5	2	1.1	1.6	0.6
65~69	14	12	2	14	12	2	2.1	3.8	0.6
70~74	20	17	3	20	17	3	2.5	4.5	0.7
75~79	25	16	9	25	16	9	4.5	6.4	2.9
80~84	29	18	11	29	18	11	6.3	9.3	4.1
85~89	31	22	9	31	22	9	9.6	19.0	4.3
90~	30	15	15	30	15	15	14.2	27.9	9.6

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

Population: as of 1st Oct. 2021

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2023

	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	589	198	589	198	5.6	1.9
Hokkaido	16	2	16	2	3.7	0.5
Aomori	3	1	3	1	2.9	1.0
Iwate	5	1	5	1	5.0	1.0
Miyagi	7	0	7	0	3.7	0.0
Akita	3	1	3	1	3.8	1.3
Yamagata	1	0	1	0	1.1	0.0
Fukushima	1	1	1	1	0.7	0.7
Ibaraki	20	2	20	2	8.4	0.8
Tochigi	7	3	7	3	4.4	1.9
Gunma	8	3	8	3	5.0	1.9
Saitama	51	15	51	15	8.3	2.5
Chiba	32	13	32	13	6.1	2.5
Tokyo	78	24	78	24	6.7	2.1
Kanagawa	39	15	39	15	5.1	1.9
Niigata	4	2	4	2	2.2	1.1
Toyama	8	3	8	3	9.4	3.5
Ishikawa	8	1	8	1	8.5	1.1
Fukui	1	0	1	0	1.6	0.0
Yamanashi	0	0	0	0	0.0	0.0
Nagano	10	8	10	8	5.9	4.7
Gifu	14	4	14	4	8.6	2.4
Shizuoka	20	8	20	8	6.7	2.7
Aichi	28	11	28	11	4.5	1.8
Mie	9	2	9	2	6.2	1.4
Shiga	11	2	11	2	9.4	1.7
Kyoto	11	4	11	4	5.2	1.9
Osaka	49	18	49	18	6.7	2.5
Hyogo	30	13	30	13	6.6	2.9
Nara	7	3	7	3	6.4	2.7
Wakayama	3	2	3	2	3.9	2.6
Tottori	1	0	1	0	2.2	0.0
Shimane	3	2	3	2	5.4	3.6
Okayama	14	7	14	7	9.0	4.5
Hiroshima	7	4	7	4	3.0	1.7
Yamaguchi	7	3	7	3	6.3	2.7
Tokushima	1	0	1	0	1.7	0.0
Kagawa	2	1	2	1	2.5	1.3
Ehime	5	1	5	1	4.5	0.9
Kochi	1	0	1	0	1.8	0.0
Fukuoka	21	4	21	4	4.9	0.9
Saga	9	3	9	3	13.4	4.5
Nagasaki	8	2	8	2	7.4	1.9
Kumamoto	7	4	7	4	4.9	2.8
Oita	11	3	11	3	11.8	3.2
Miyazaki	3	1	3	1	3.4	1.1
Kagoshima	1	0	1	0	0.8	0.0
Okinawa	4	1	4	1	3.3	0.8

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

Population: as of 1st Oct. 2021

Table 4. Newly notified TB cases and rates by major city, Japan, 2023

	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	180	63	180	63	5.8	2.0
Sapporo City	5	0	5	0	3.0	0.0
Sendai City	3	0	3	0	3.3	0.0
Saitama City	10	4	10	4	9.0	3.6
Chiba City	5	3	5	3	6.1	3.7
Yokohama City	15	6	15	6	4.8	1.9
Kawasaki City	11	5	11	5	8.6	3.9
Sagamihara City	4	2	4	2	6.6	3.3
Niigata City	2	1	2	1	3.1	1.5
Shizuoka City	4	3	4	3	7.0	5.2
Hamamatsu City	2	0	2	0	3.0	0.0
Nagoya City	16	6	16	6	8.3	3.1
Kyoto City	8	3	8	3	6.6	2.5
Osaka City	0	0	0	0	0.0	0.0
Sakai City	8	4	8	4	11.7	5.9
Kobe City	10	4	10	4	7.9	3.2
Okayama City	5	2	5	2	8.3	3.3
Hiroshima City	2	2	2	2	2.0	2.0
Kitakyushu City	3	0	3	0	3.9	0.0
Fukuoka City	5	2	5	2	3.7	1.5
Kumamoto City	2	0	2	0	3.3	0.0
23-ku area of Tokyo	60	16	60	16	7.4	2.0

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

Population: as of 1st Oct. 2021

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, 2023

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	263	145	118	263	145	118	0.4	0.4	0.5
0~4	16	8	8	16	8	8	5.3	-	2.7
5~9	4	2	2	4	2	2	-	-	-
10~14	1	1	0	1	1	0	1.0	-	0.0
15~19	5	0	5	5	0	5	1.7	0.0	-
20~24	8	2	6	8	2	6	0.3	0.1	0.4
25~29	12	8	4	12	8	4	0.4	0.5	0.3
30~34	12	5	7	12	5	7	1.2	1.3	1.2
35~39	7	5	2	7	5	2	0.5	0.5	0.5
40~44	7	5	2	7	5	2	0.3	0.5	0.1
45~49	19	10	9	19	10	9	1.9	1.4	3.0
50~54	26	14	12	26	14	12	1.6	1.4	2.0
55~59	17	6	11	17	6	11	1.3	0.6	3.7
60~64	15	11	4	15	11	4	0.8	0.8	0.6
65~69	24	14	10	24	14	10	0.8	0.5	2.0
70~74	22	12	10	22	12	10	0.5	0.4	0.6
75~79	30	20	10	30	20	10	0.4	0.5	0.3
80~84	23	15	8	23	15	8	0.3	0.3	0.3
85~89	8	5	3	8	5	3	0.1	0.1	0.1
90~	7	2	5	7	2	5	0.1	0.0	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, 2023

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	263	263	0.45
Hokkaido	8	8	0.50
Aomori	4	4	1.33
Iwate	1	1	0.20
Miyagi	0	0	0.00
Akita	2	2	0.67
Yamagata	1	1	1.00
Fukushima	1	1	1.00
Ibaraki	12	12	0.60
Tochigi	2	2	0.29
Gunma	1	1	0.13
Saitama	22	22	0.43
Chiba	19	19	0.59
Tokyo	31	31	0.40
Kanagawa	23	23	0.59
Niigata	2	2	0.50
Toyama	1	1	0.13
Ishikawa	3	3	0.38
Fukui	0	0	0.00
Yamanashi	0	0	-
Nagano	5	5	0.50
Gifu	0	0	0.00
Shizuoka	2	2	0.10
Aichi	17	17	0.61
Mie	2	2	0.22
Shiga	0	0	0.00
Kyoto	15	15	1.36
Osaka	23	23	0.47
Hyogo	10	10	0.33
Nara	3	3	0.43
Wakayama	1	1	0.33
Tottori	0	0	0.00
Shimane	1	1	0.33
Okayama	5	5	0.36
Hiroshima	7	7	1.00
Yamaguchi	1	1	0.14
Tokushima	0	0	0.00
Kagawa	3	3	1.50
Ehime	1	1	0.20
Kochi	3	3	3.00
Fukuoka	8	8	0.38
Saga	0	0	0.00
Nagasaki	6	6	0.75
Kumamoto	3	3	0.43
Oita	5	5	0.45
Miyazaki	3	3	1.00
Kagoshima	4	4	4.00
Okinawa	2	2	0.50

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, 2023

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	78	78	0.43
Sapporo City	3	3	0.60
Sendai City	0	0	0.00
Saitama City	2	2	0.20
Chiba City	2	2	0.40
Yokohama City	9	9	0.60
Kawasaki City	3	3	0.27
Sagamihara City	1	1	0.25
Niigata City	1	1	0.50
Shizuoka City	0	0	0.00
Hamamatsu City	1	1	0.50
Nagoya City	8	8	0.50
Kyoto City	6	6	0.75
Osaka City	0	0	-
Sakai City	3	3	0.38
Kobe City	4	4	0.40
Okayama City	4	4	0.80
Hiroshima City	2	2	1.00
Kitakyushu City	1	1	0.33
Fukuoka City	3	3	0.60
Kumamoto City	1	1	0.50
23-ku area of Tokyo	24	24	0.40

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