



Monthly Report of Tuberculosis Surveillance, Japan - April, 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.

Figures

Figure 1. Number of newly notified TB cases by month, Japan, 2020-2023

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

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

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

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

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

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

Tables

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

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

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

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

Table 5. LTBI cases and rates by sex and age, Japan, 2023

Table 6. LTBI cases and rates by prefecture, Japan, 2023

Table 7. LTBI cases and rates by major city, Japan, 2023

Figure 1. Number of newly notified TB cases by month, Japan, 2020-2023

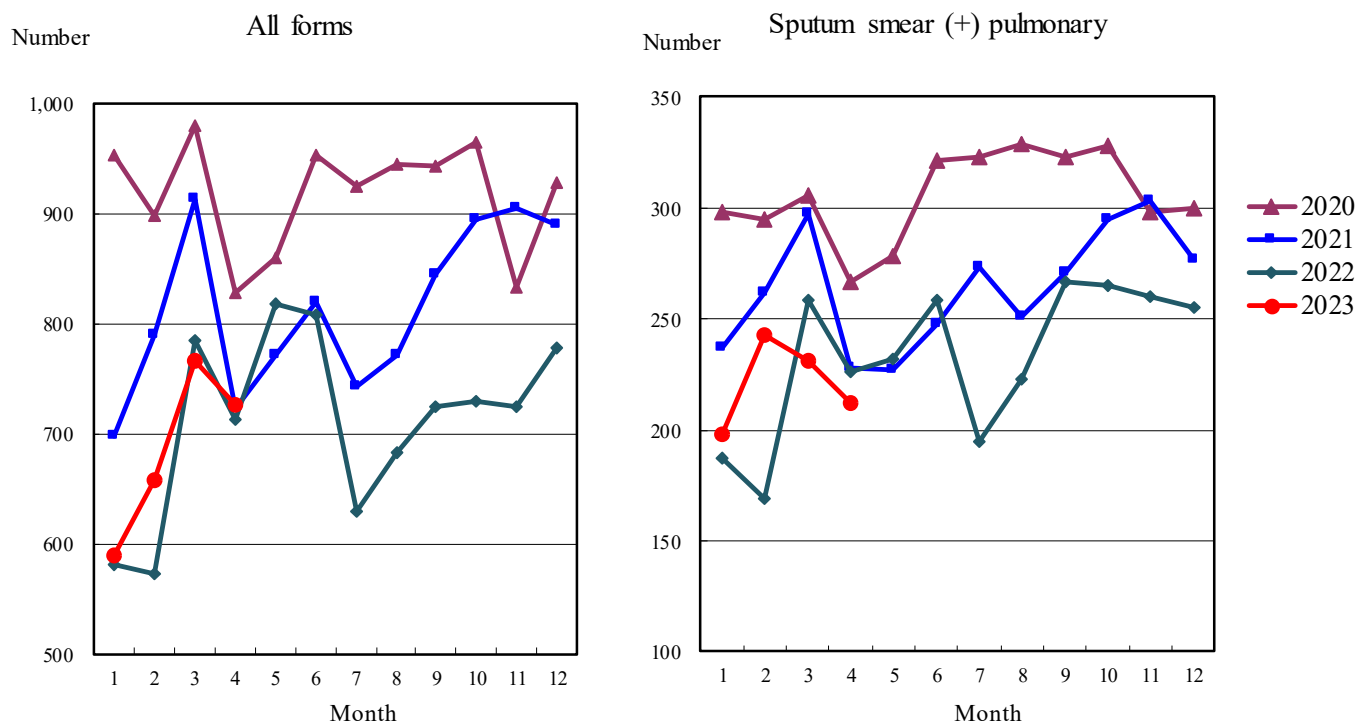


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Apr.) 2023

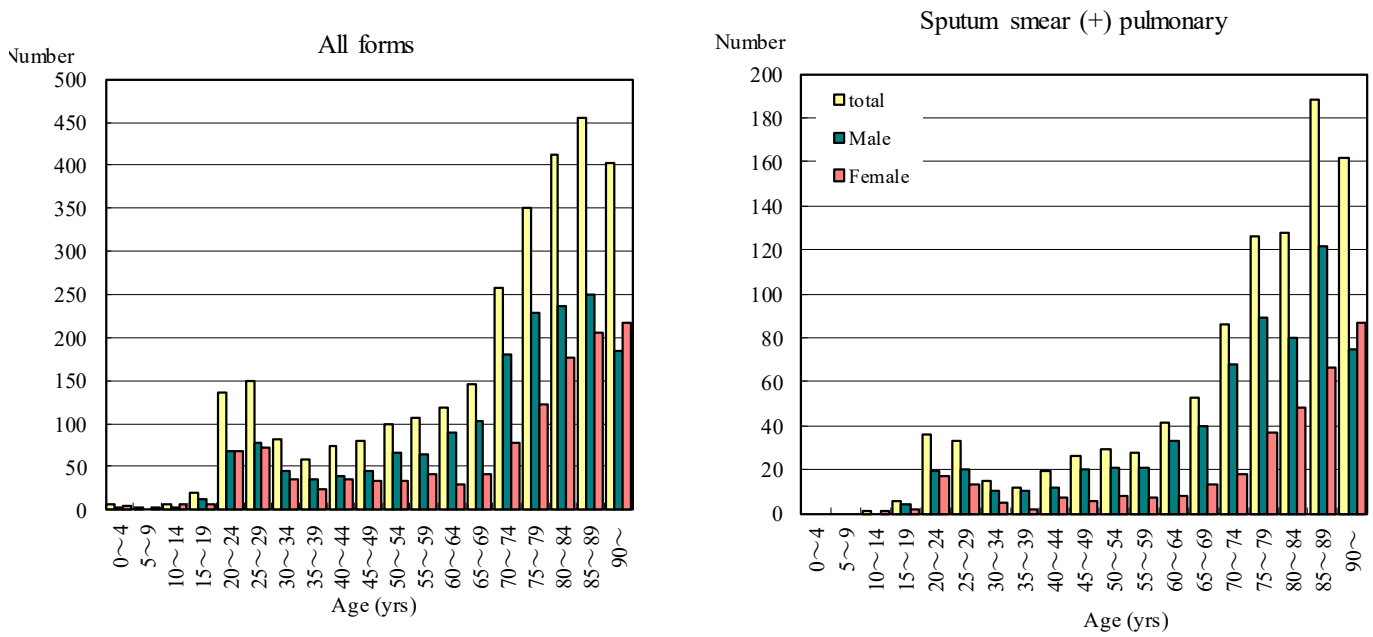


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Apr.) 2023

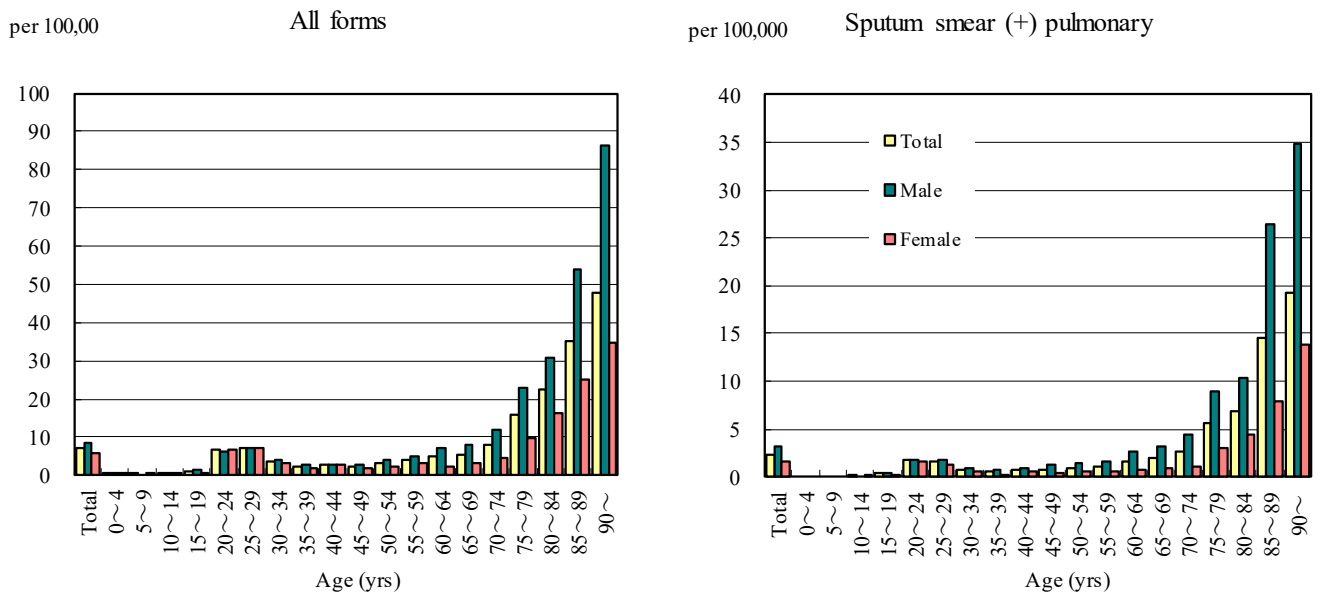


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Apr.) 2023

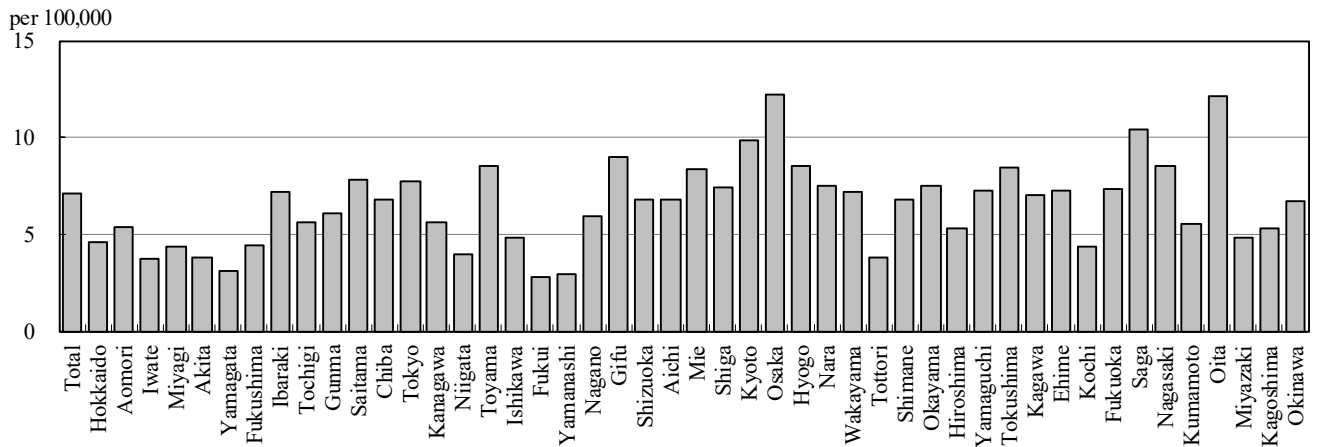


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Apr.) 2023

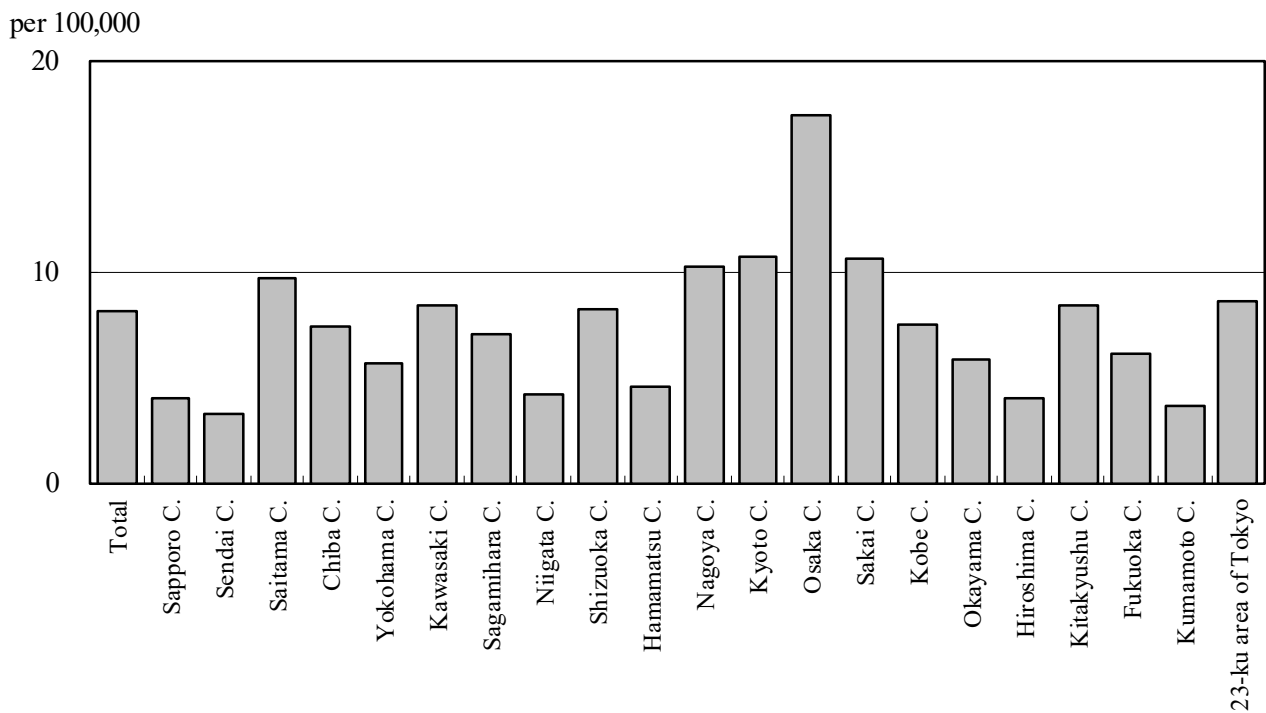


Figure 6. Number of LTBI, Japan, 2020-2023

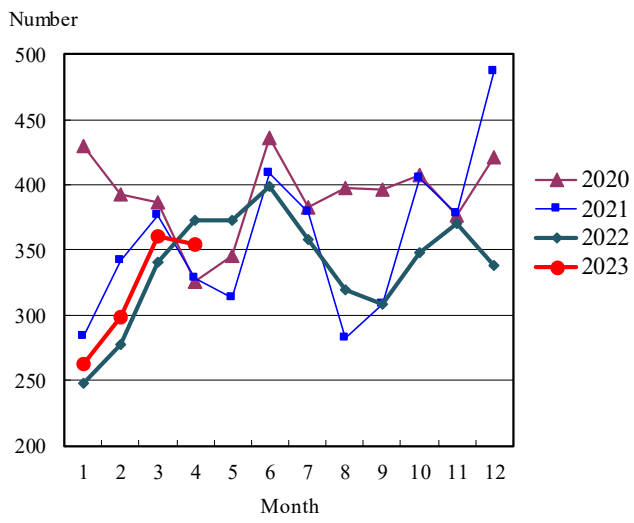


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Apr.) 2023

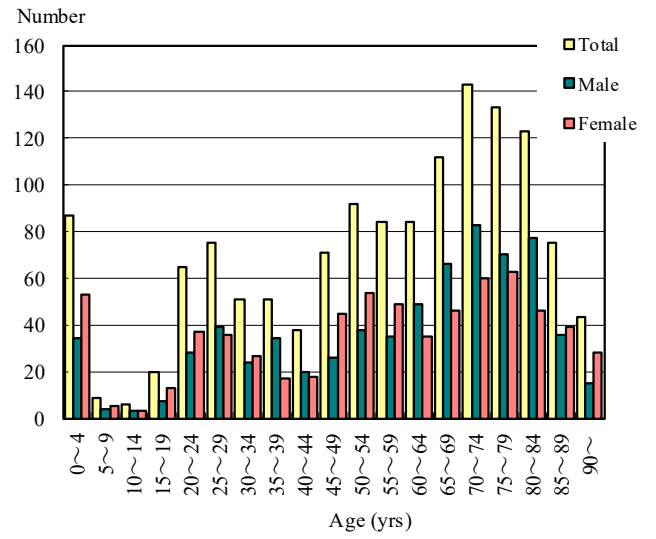


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2023

	Apr.			Summation (Jan.-Apr.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	726	447	279	2,965	1,732	1,233	7.1	8.5	5.7
0~4	0	0	0	6	2	4	0.4	0.3	0.6
5~9	0	0	0	1	0	1	0.1	0.0	0.1
10~14	1	0	1	7	1	6	0.4	0.1	0.7
15~19	9	4	5	20	13	7	1.1	1.4	0.8
20~24	29	14	15	136	68	68	6.5	6.4	6.7
25~29	33	24	9	150	78	72	7.1	7.1	7.0
30~34	12	7	5	81	46	35	3.7	4.1	3.3
35~39	14	12	2	59	36	23	2.4	2.9	1.9
40~44	16	9	7	75	39	36	2.8	2.8	2.7
45~49	23	14	9	79	46	33	2.4	2.8	2.1
50~54	22	12	10	100	66	34	3.2	4.3	2.2
55~59	28	21	7	106	65	41	4.1	5.0	3.1
60~64	34	27	7	119	89	30	4.8	7.3	2.4
65~69	41	28	13	146	104	42	5.6	8.2	3.1
70~74	71	54	17	258	180	78	8.0	11.8	4.6
75~79	90	64	26	351	228	123	15.7	22.9	9.9
80~84	95	52	43	413	237	176	22.3	30.8	16.2
85~89	106	64	42	455	249	206	35.3	53.8	24.9
90~	102	41	61	403	185	218	47.9	86.0	34.8

Temporary registrants = 34, Total of registrants and temporary registrants = 760

Rate: summation / (population*4/12)*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

	Apr.			Summation (Jan.-Apr.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	212	147	65	989	644	345	2.4	3.2	1.6
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	1	0	1	0.1	0.0	0.1
15~19	2	1	1	6	4	2	0.3	0.4	0.2
20~24	6	1	5	36	19	17	1.7	1.8	1.7
25~29	3	3	0	33	20	13	1.6	1.8	1.3
30~34	2	1	1	15	10	5	0.7	0.9	0.5
35~39	4	3	1	12	10	2	0.5	0.8	0.2
40~44	4	4	0	19	12	7	0.7	0.9	0.5
45~49	6	6	0	26	20	6	0.8	1.2	0.4
50~54	5	3	2	29	21	8	0.9	1.4	0.5
55~59	9	8	1	28	21	7	1.1	1.6	0.5
60~64	8	6	2	41	33	8	1.7	2.7	0.6
65~69	11	8	3	53	40	13	2.0	3.1	1.0
70~74	24	23	1	86	68	18	2.7	4.5	1.1
75~79	27	20	7	126	89	37	5.6	8.9	3.0
80~84	21	13	8	128	80	48	6.9	10.4	4.4
85~89	41	31	10	188	122	66	14.6	26.4	8.0
90~	39	16	23	162	75	87	19.2	34.9	13.9

Rate: summation / (population*4/12)*100,000

Population: as of 1st Oct. 2021

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

	Apr.		Summation (Jan.-Apr.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	726	212	2,965	989	7.1	2.4
Hokkaido	19	9	79	27	4.6	1.6
Aomori	8	2	22	6	5.4	1.5
Iwate	6	1	15	6	3.8	1.5
Miyagi	12	5	33	7	4.3	0.9
Akita	4	1	12	3	3.8	1.0
Yamagata	3	2	11	3	3.1	0.9
Fukushima	12	1	27	7	4.5	1.2
Ibaraki	11	2	68	12	7.2	1.3
Tochigi	14	5	36	15	5.6	2.3
Gunma	7	1	39	7	6.1	1.1
Saitama	42	14	191	67	7.8	2.7
Chiba	40	8	142	45	6.8	2.2
Tokyo	81	23	362	132	7.8	2.8
Kanagawa	36	13	172	63	5.6	2.0
Niigata	10	4	29	10	4.0	1.4
Toyama	6	0	29	10	8.5	2.9
Ishikawa	1	0	18	5	4.8	1.3
Fukui	1	1	7	2	2.8	0.8
Yamanashi	3	1	8	2	3.0	0.7
Nagano	7	3	40	19	5.9	2.8
Gifu	13	4	59	26	9.0	4.0
Shizuoka	20	6	82	28	6.8	2.3
Aichi	39	10	170	50	6.8	2.0
Mie	15	4	49	11	8.4	1.9
Shiga	5	1	35	10	7.4	2.1
Kyoto	18	4	84	21	9.8	2.5
Osaka	87	25	358	128	12.2	4.4
Hyogo	49	15	154	60	8.5	3.3
Nara	6	4	33	15	7.5	3.4
Wakayama	10	1	22	9	7.2	3.0
Tottori	2	1	7	1	3.8	0.5
Shimane	4	2	15	6	6.8	2.7
Okayama	8	6	47	17	7.5	2.7
Hiroshima	17	4	49	17	5.3	1.8
Yamaguchi	5	3	32	14	7.2	3.2
Tokushima	3	1	20	3	8.4	1.3
Kagawa	2	0	22	9	7.0	2.9
Ehime	9	3	32	10	7.3	2.3
Kochi	2	0	10	4	4.4	1.8
Fukuoka	31	7	125	41	7.3	2.4
Saga	9	2	28	8	10.4	3.0
Nagasaki	8	2	37	9	8.6	2.1
Kumamoto	7	2	32	12	5.6	2.1
Oita	15	4	45	17	12.1	4.6
Miyazaki	2	0	17	2	4.8	0.6
Kagoshima	9	3	28	7	5.3	1.3
Okinawa	8	2	33	6	6.7	1.2

Rate: summation / (population*4/12)*100,000

Population: as of 1st Oct. 2021

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

	Apr.		Summation (Jan.-Apr.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	247	72	1,009	348	8.1	2.8
Sapporo City	8	4	26	9	4.0	1.4
Sendai City	4	1	12	2	3.3	0.5
Saitama City	10	2	43	15	9.7	3.4
Chiba City	10	3	24	11	7.4	3.4
Yokohama City	14	4	71	25	5.6	2.0
Kawasaki City	7	3	43	14	8.4	2.7
Sagamihara City	6	2	17	9	7.0	3.7
Niigata City	3	1	11	4	4.2	1.5
Shizuoka City	4	1	19	7	8.3	3.0
Hamamatsu City	3	1	12	4	4.5	1.5
Nagoya City	19	6	79	29	10.2	3.7
Kyoto City	13	3	52	13	10.7	2.7
Osaka City	43	11	159	50	17.3	5.5
Sakai City	6	0	29	12	10.6	4.4
Kobe City	8	3	38	17	7.5	3.4
Okayama City	3	3	14	5	5.8	2.1
Hiroshima City	5	3	16	8	4.0	2.0
Kitakyushu City	6	1	26	5	8.4	1.6
Fukuoka City	9	1	33	10	6.1	1.9
Kumamoto City	2	1	9	3	3.7	1.2
23-ku area of Tokyo	64	18	276	96	8.5	3.0

Rate: summation / (population*4/12)*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

	Apr.			Summation (Jan.-Apr.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	354	180	174	1,362	688	674	0.5	0.4	0.5
0~4	22	7	15	87	34	53	14.5	17.0	13.3
5~9	1	0	1	9	4	5	9.0	-	5.0
10~14	3	0	3	6	3	3	0.9	3.0	0.5
15~19	6	3	3	20	7	13	1.0	0.5	1.9
20~24	22	11	11	65	28	37	0.5	0.4	0.5
25~29	21	8	13	75	39	36	0.5	0.5	0.5
30~34	16	11	5	51	24	27	0.6	0.5	0.8
35~39	17	12	5	51	34	17	0.9	0.9	0.7
40~44	11	4	7	38	20	18	0.5	0.5	0.5
45~49	14	3	11	71	26	45	0.9	0.6	1.4
50~54	24	9	15	92	38	54	0.9	0.6	1.6
55~59	25	10	15	84	35	49	0.8	0.5	1.2
60~64	11	7	4	84	49	35	0.7	0.6	1.2
65~69	25	16	9	112	66	46	0.8	0.6	1.1
70~74	41	27	14	143	83	60	0.6	0.5	0.8
75~79	32	19	13	133	70	63	0.4	0.3	0.5
80~84	31	16	15	123	77	46	0.3	0.3	0.3
85~89	18	9	9	75	36	39	0.2	0.1	0.2
90~	14	8	6	43	15	28	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, 2023

	Apr.	Summation (Jan.-Apr.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	354	1,362	0.46
Hokkaido	11	52	0.66
Aomori	2	14	0.64
Iwate	2	11	0.73
Miyagi	1	25	0.76
Akita	3	7	0.58
Yamagata	0	3	0.27
Fukushima	0	5	0.19
Ibaraki	11	33	0.49
Tochigi	4	9	0.25
Gunma	1	5	0.13
Saitama	38	102	0.53
Chiba	14	70	0.49
Tokyo	41	177	0.49
Kanagawa	21	94	0.55
Niigata	6	14	0.48
Toyama	1	9	0.31
Ishikawa	0	11	0.61
Fukui	1	3	0.43
Yamanashi	1	3	0.38
Nagano	2	14	0.35
Gifu	6	20	0.34
Shizuoka	7	19	0.23
Aichi	35	96	0.56
Mie	5	11	0.22
Shiga	1	5	0.14
Kyoto	7	37	0.44
Osaka	43	162	0.45
Hyogo	17	52	0.34
Nara	11	19	0.58
Wakayama	5	15	0.68
Tottori	0	2	0.29
Shimane	0	3	0.20
Okayama	3	20	0.43
Hiroshima	9	44	0.90
Yamaguchi	0	14	0.44
Tokushima	1	3	0.15
Kagawa	3	11	0.50
Ehime	1	7	0.22
Kochi	0	2	0.20
Fukuoka	14	54	0.43
Saga	0	3	0.11
Nagasaki	3	14	0.38
Kumamoto	2	10	0.31
Oita	7	19	0.42
Miyazaki	2	12	0.71
Kagoshima	6	18	0.64
Okinawa	6	29	0.88

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

	Apr.	Summation (Jan.-Apr.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	131	494	0.49
Sapporo City	5	20	0.77
Sendai City	0	12	1.00
Saitama City	17	27	0.63
Chiba City	2	8	0.33
Yokohama City	7	36	0.51
Kawasaki City	7	18	0.42
Sagamihara City	0	4	0.24
Niigata City	2	7	0.64
Shizuoka City	1	2	0.11
Hamamatsu City	2	8	0.67
Nagoya City	17	48	0.61
Kyoto City	5	20	0.38
Osaka City	19	68	0.43
Sakai City	8	14	0.48
Kobe City	4	16	0.42
Okayama City	2	13	0.93
Hiroshima City	2	13	0.81
Kitakyushu City	3	8	0.31
Fukuoka City	1	15	0.45
Kumamoto City	1	3	0.33
23-ku area of Tokyo	26	134	0.49

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