



Monthly Report of Tuberculosis Surveillance, Japan - July, 2021

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, 2018-2021

Figure 2. Newly notified TB cases by sex and age, Japan, summation (Jan. -Jul.) 2021

Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan. -Jul.) 2021

Figure 4. Notification rate of TB by prefecture, Japan, summation (Jan. -Jul.) 2021

Figure 5. Notification rate of TB by major city, Japan, summation (Jan. -Jul.) 2021

Figure 6. Number of LTBI, Japan, 2018-2021

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan. -Jul.) 2021

Tables

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2021

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2021

Table 4. Newly notified TB cases and rates by major city, Japan, 2021

Table 5. LTBI cases and rates by sex and age, Japan, 2021

Table 6. LTBI cases and rates by prefecture, Japan, 2021

Table 7. LTBI cases and rates by major city, Japan, 2021

Figure 1. Number of newly notified TB cases by month, Japan, 2018-2021

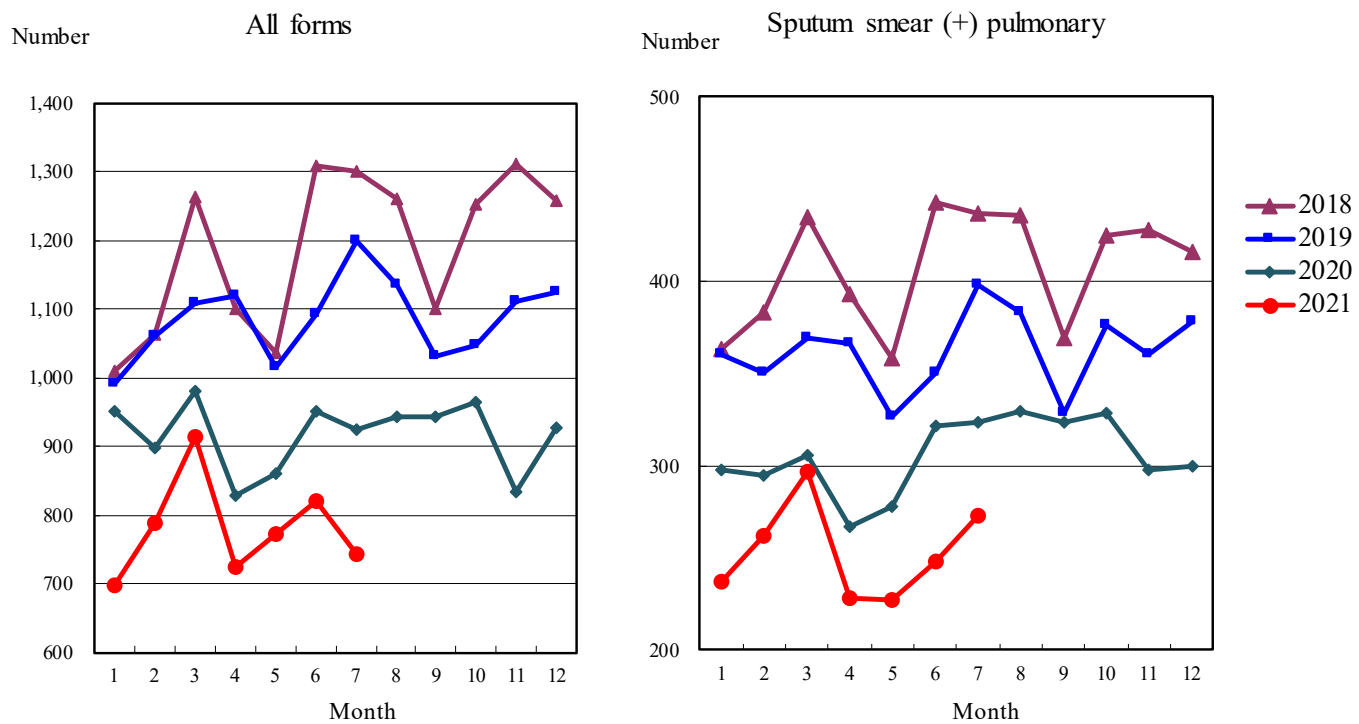


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jul.) 2021

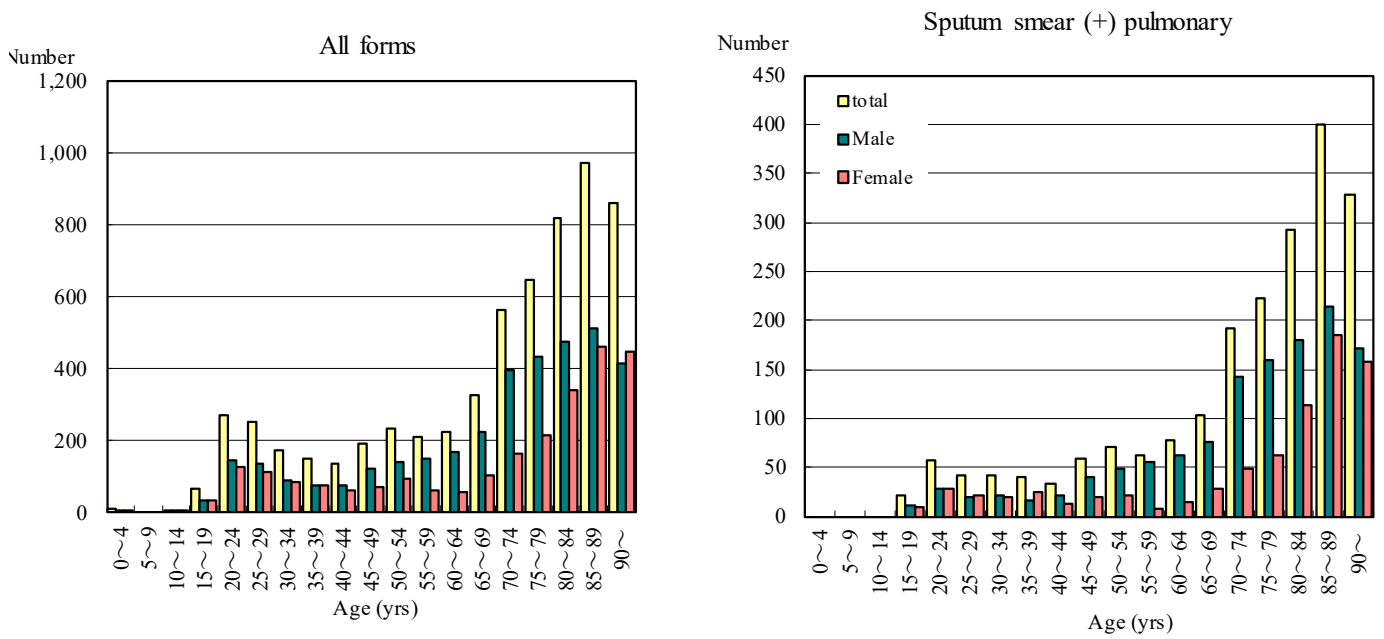


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jul.) 2021

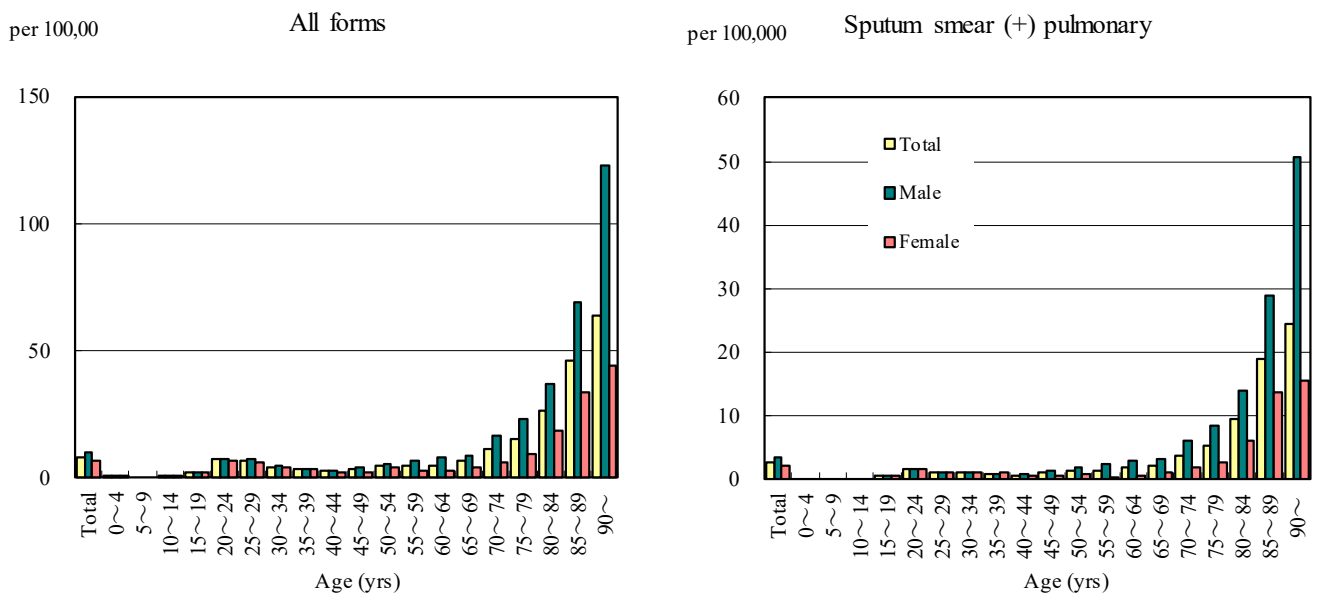


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jul.) 2021

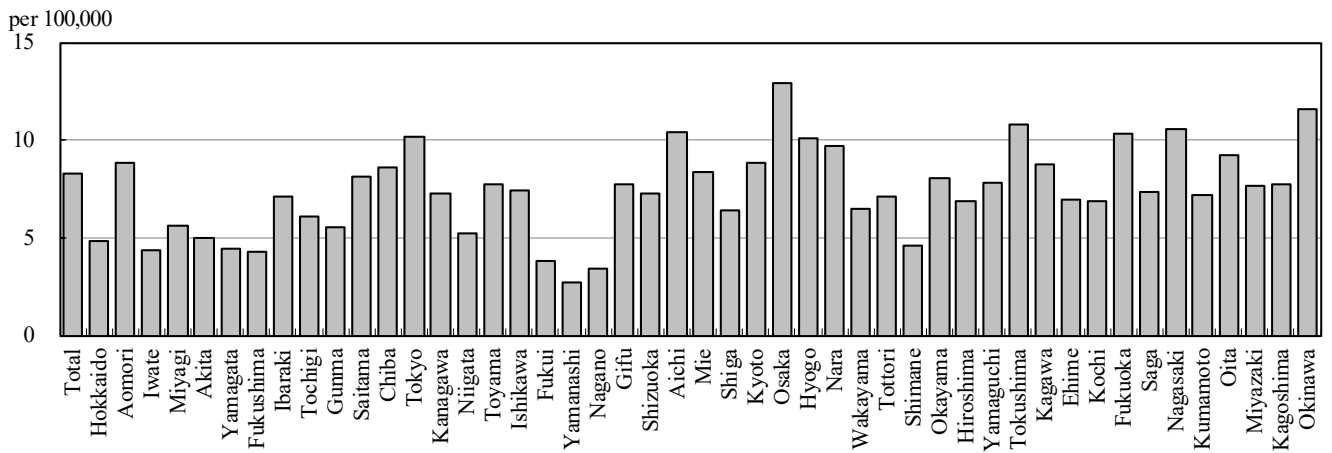


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jul.) 2021

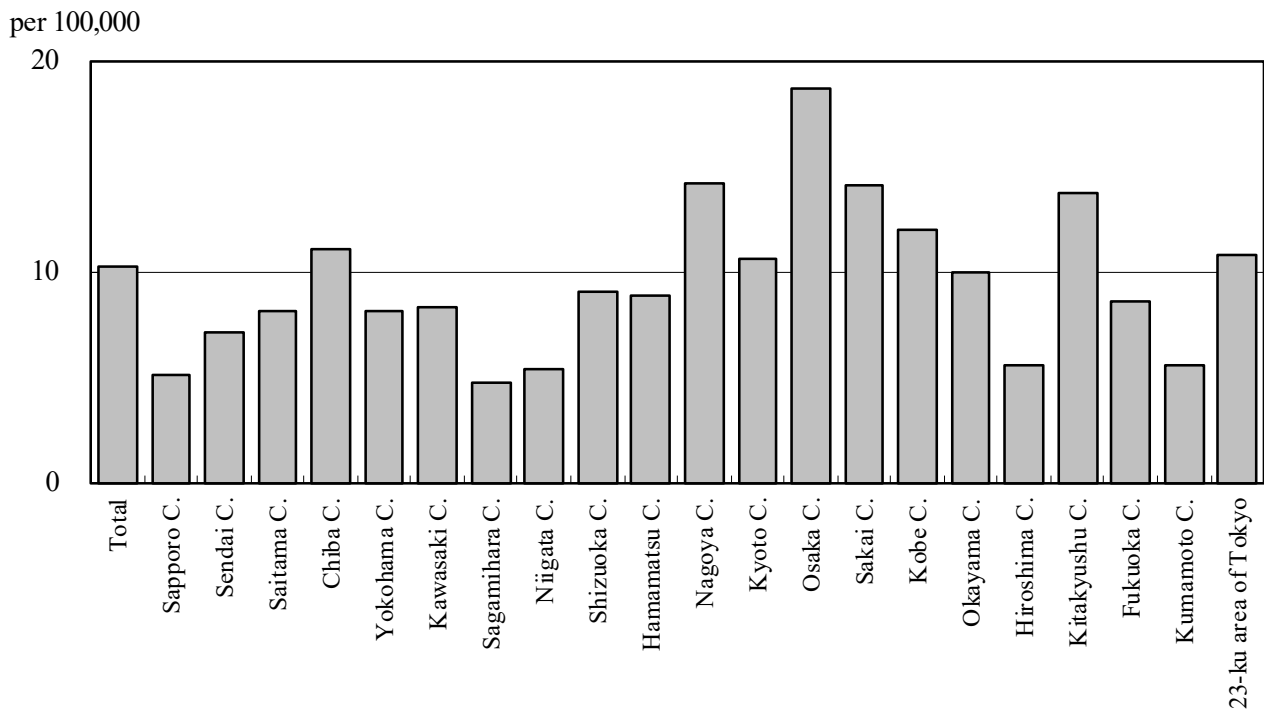


Figure 6. Number of LTBI, Japan, 2018-2021

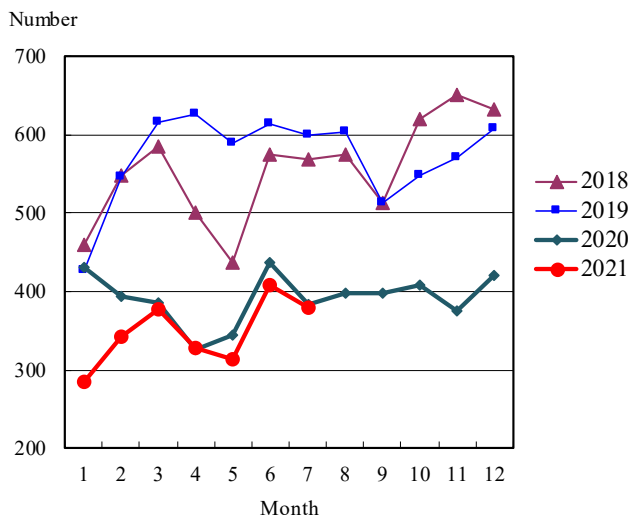


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jul.) 2021

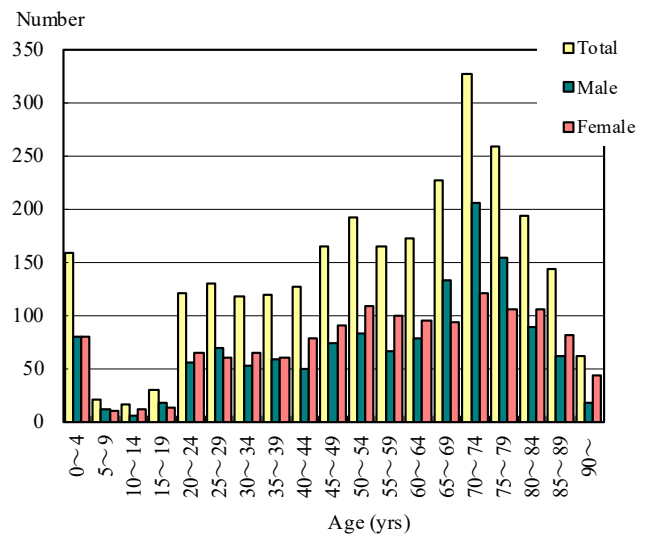


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	743	445	298	6,110	3,596	2,514	8.3	10.0	6.7
0~4	1	1	0	10	3	7	0.4	0.2	0.5
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	0	0	0	4	1	3	0.1	0.1	0.2
15~19	6	2	4	68	34	34	2.0	2.0	2.1
20~24	29	15	14	270	144	126	7.2	7.5	7.0
25~29	38	20	18	251	138	113	6.9	7.4	6.4
30~34	18	4	14	175	90	85	4.4	4.5	4.4
35~39	18	8	10	148	74	74	3.4	3.3	3.4
40~44	10	8	2	137	75	62	2.7	2.9	2.5
45~49	22	16	6	193	123	70	3.4	4.3	2.5
50~54	29	19	10	235	140	95	4.7	5.6	3.8
55~59	37	22	15	210	150	60	4.7	6.7	2.7
60~64	36	29	7	224	168	56	5.1	7.8	2.5
65~69	38	27	11	327	222	105	6.4	9.0	4.0
70~74	71	50	21	563	398	165	11.1	16.7	6.2
75~79	69	50	19	647	434	213	15.3	23.0	9.1
80~84	101	60	41	817	475	342	26.3	37.0	18.7
85~89	125	69	56	973	514	459	46.2	69.2	33.7
90~	95	45	50	858	413	445	63.7	122.6	44.1

Temporary registrants = 77, Total of registrants and temporary registrants = 820

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2019

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2021

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	273	175	98	2,043	1,269	774	2.8	3.5	2.0
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	21	11	10	0.6	0.6	0.6
20~24	5	2	3	58	29	29	1.6	1.5	1.6
25~29	9	3	6	41	20	21	1.1	1.1	1.2
30~34	4	1	3	42	22	20	1.1	1.1	1.0
35~39	9	4	5	40	16	24	0.9	0.7	1.1
40~44	6	6	0	34	22	12	0.7	0.9	0.5
45~49	9	7	2	59	40	19	1.0	1.4	0.7
50~54	10	7	3	70	48	22	1.4	1.9	0.9
55~59	11	10	1	62	55	7	1.4	2.4	0.3
60~64	17	14	3	77	62	15	1.8	2.9	0.7
65~69	12	9	3	104	76	28	2.0	3.1	1.1
70~74	22	16	6	192	143	49	3.8	6.0	1.8
75~79	28	21	7	222	160	62	5.3	8.5	2.7
80~84	32	17	15	293	180	113	9.4	14.0	6.2
85~89	57	34	23	399	214	185	18.9	28.8	13.6
90~	41	23	18	329	171	158	24.4	50.7	15.6

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2019

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2021

	Jul.		Summation (Jan.-Jul.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	743	273	6,110	2,043	8.3	2.8
Hokkaido	16	5	149	57	4.9	1.9
Aomori	13	5	64	25	8.8	3.4
Iwate	1	1	31	17	4.3	2.4
Miyagi	7	2	76	26	5.6	1.9
Akita	1	1	28	15	5.0	2.7
Yamagata	2	0	28	13	4.5	2.1
Fukushima	7	0	46	17	4.3	1.6
Ibaraki	9	6	118	32	7.1	1.9
Tochigi	5	2	69	22	6.1	2.0
Gunma	6	2	63	14	5.6	1.2
Saitama	43	15	347	109	8.1	2.5
Chiba	40	16	314	91	8.6	2.5
Tokyo	121	53	823	311	10.1	3.8
Kanagawa	39	15	388	118	7.2	2.2
Niigata	3	2	68	24	5.2	1.9
Toyama	7	4	47	17	7.7	2.8
Ishikawa	8	0	49	15	7.4	2.3
Fukui	2	1	17	4	3.8	0.9
Yamanashi	0	0	13	2	2.7	0.4
Nagano	10	2	41	14	3.4	1.2
Gifu	4	2	90	29	7.8	2.5
Shizuoka	12	5	155	50	7.3	2.4
Aichi	51	11	457	139	10.4	3.2
Mie	8	4	87	33	8.4	3.2
Shiga	3	0	53	12	6.4	1.5
Kyoto	14	3	133	44	8.8	2.9
Osaka	101	37	665	240	12.9	4.7
Hyogo	29	15	323	127	10.1	4.0
Nara	6	2	75	27	9.7	3.5
Wakayama	4	0	35	11	6.5	2.0
Tottori	2	0	23	6	7.1	1.9
Shimane	2	0	18	5	4.6	1.3
Okayama	13	6	89	23	8.1	2.1
Hiroshima	7	1	112	41	6.8	2.5
Yamaguchi	4	1	62	11	7.8	1.4
Tokushima	9	2	46	16	10.8	3.8
Kagawa	8	3	49	16	8.8	2.9
Ehime	6	4	54	24	6.9	3.1
Kochi	5	0	28	9	6.9	2.2
Fukuoka	43	17	308	101	10.3	3.4
Saga	1	1	35	11	7.4	2.3
Nagasaki	9	2	82	18	10.6	2.3
Kumamoto	11	2	73	23	7.2	2.3
Oita	12	10	61	26	9.2	3.9
Miyazaki	7	3	48	11	7.7	1.8
Kagoshima	12	3	72	24	7.7	2.6
Okinawa	20	7	98	23	11.6	2.7

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2019

Table 4. Newly notified TB cases and rates by major city, Japan, 2021

	Jul.		Summation (Jan.-Jul.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	268	99	2,222	760	10.2	3.5
Sapporo City	6	2	58	26	5.0	2.3
Sendai City	3	1	45	14	7.1	2.2
Saitama City	3	0	62	17	8.1	2.2
Chiba City	11	7	63	20	11.0	3.5
Yokohama City	19	6	177	52	8.1	2.4
Kawasaki City	10	4	74	23	8.3	2.6
Sagamihara City	3	2	20	8	4.7	1.9
Niigata City	0	0	25	9	5.4	1.9
Shizuoka City	1	0	37	11	9.1	2.7
Hamamatsu City	5	2	41	7	8.9	1.5
Nagoya City	23	4	192	65	14.1	4.8
Kyoto City	12	3	91	30	10.6	3.5
Osaka City	37	13	298	105	18.6	6.6
Sakai City	17	6	68	22	14.1	4.6
Kobe City	9	4	106	47	11.9	5.3
Okayama City	5	1	41	3	9.9	0.7
Hiroshima City	0	0	39	17	5.6	2.4
Kitakyushu City	6	2	75	22	13.7	4.0
Fukuoka City	14	4	80	24	8.6	2.6
Kumamoto City	3	0	24	7	5.6	1.6
23-ku area of Tokyo	81	38	606	231	10.8	4.1

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2019

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, 2021

	Jul.			Summation (Jan.-Jul.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	379	172	207	2,738	1,359	1,379	0.4	0.4	0.5
0~4	14	5	9	158	79	79	15.8	26.3	11.3
5~9	1	0	1	21	11	10	-	-	-
10~14	1	0	1	16	5	11	4.0	5.0	3.7
15~19	2	2	0	30	17	13	0.4	0.5	0.4
20~24	18	9	9	121	56	65	0.4	0.4	0.5
25~29	17	9	8	129	69	60	0.5	0.5	0.5
30~34	14	12	2	117	53	64	0.7	0.6	0.8
35~39	22	9	13	119	59	60	0.8	0.8	0.8
40~44	15	9	6	127	49	78	0.9	0.7	1.3
45~49	24	13	11	164	74	90	0.8	0.6	1.3
50~54	20	10	10	191	83	108	0.8	0.6	1.1
55~59	25	6	19	165	66	99	0.8	0.4	1.7
60~64	21	7	14	172	78	94	0.8	0.5	1.7
65~69	33	17	16	226	133	93	0.7	0.6	0.9
70~74	49	21	28	326	205	121	0.6	0.5	0.7
75~79	35	19	16	259	154	105	0.4	0.4	0.5
80~84	31	13	18	193	88	105	0.2	0.2	0.3
85~89	25	9	16	143	62	81	0.1	0.1	0.2
90~	12	2	10	61	18	43	0.1	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, 2021

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	379	2,738	0.45
Hokkaido	17	107	0.72
Aomori	4	36	0.56
Iwate	3	32	1.03
Miyagi	5	36	0.47
Akita	2	13	0.46
Yamagata	1	15	0.54
Fukushima	2	17	0.37
Ibaraki	10	76	0.64
Tochigi	2	21	0.30
Gunma	2	31	0.49
Saitama	14	134	0.39
Chiba	26	161	0.51
Tokyo	50	382	0.46
Kanagawa	23	201	0.52
Niigata	1	28	0.41
Toyama	3	31	0.66
Ishikawa	3	27	0.55
Fukui	5	9	0.53
Yamanashi	1	12	0.92
Nagano	0	27	0.66
Gifu	3	36	0.40
Shizuoka	6	50	0.32
Aichi	23	189	0.41
Mie	2	21	0.24
Shiga	3	22	0.42
Kyoto	10	77	0.58
Osaka	39	248	0.37
Hyogo	17	107	0.33
Nara	7	29	0.39
Wakayama	3	32	0.91
Tottori	1	4	0.17
Shimane	0	3	0.17
Okayama	4	30	0.34
Hiroshima	4	47	0.42
Yamaguchi	1	18	0.29
Tokushima	3	16	0.35
Kagawa	7	22	0.45
Ehime	1	13	0.24
Kochi	1	5	0.18
Fukuoka	35	162	0.53
Saga	3	19	0.54
Nagasaki	1	15	0.18
Kumamoto	7	27	0.37
Oita	5	29	0.48
Miyazaki	1	16	0.33
Kagoshima	5	43	0.60
Okinawa	13	62	0.63

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, 2021

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	148	1,017	0.46
Sapporo City	9	60	1.03
Sendai City	4	18	0.40
Saitama City	1	19	0.31
Chiba City	3	21	0.33
Yokohama City	11	59	0.33
Kawasaki City	4	58	0.78
Sagamihara City	2	19	0.95
Niigata City	0	12	0.48
Shizuoka City	1	13	0.35
Hamamatsu City	2	16	0.39
Nagoya City	12	87	0.45
Kyoto City	8	51	0.56
Osaka City	22	119	0.40
Sakai City	4	22	0.32
Kobe City	5	34	0.32
Okayama City	2	13	0.32
Hiroshima City	1	10	0.26
Kitakyushu City	5	30	0.40
Fukuoka City	11	52	0.65
Kumamoto City	4	11	0.46
23-ku area of Tokyo	37	293	0.48

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