



Monthly Report of Tuberculosis Surveillance, Japan - May, 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. -May.) 2021

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

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

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

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

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

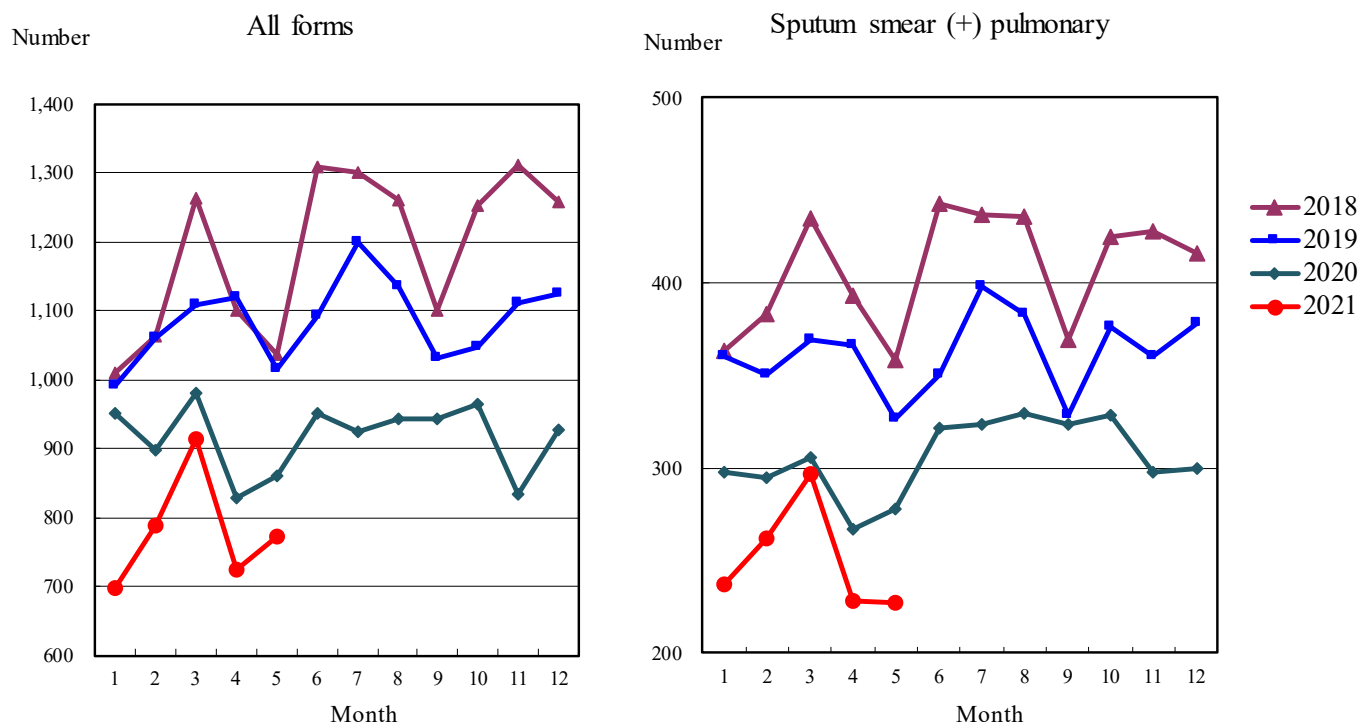


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-May.) 2021

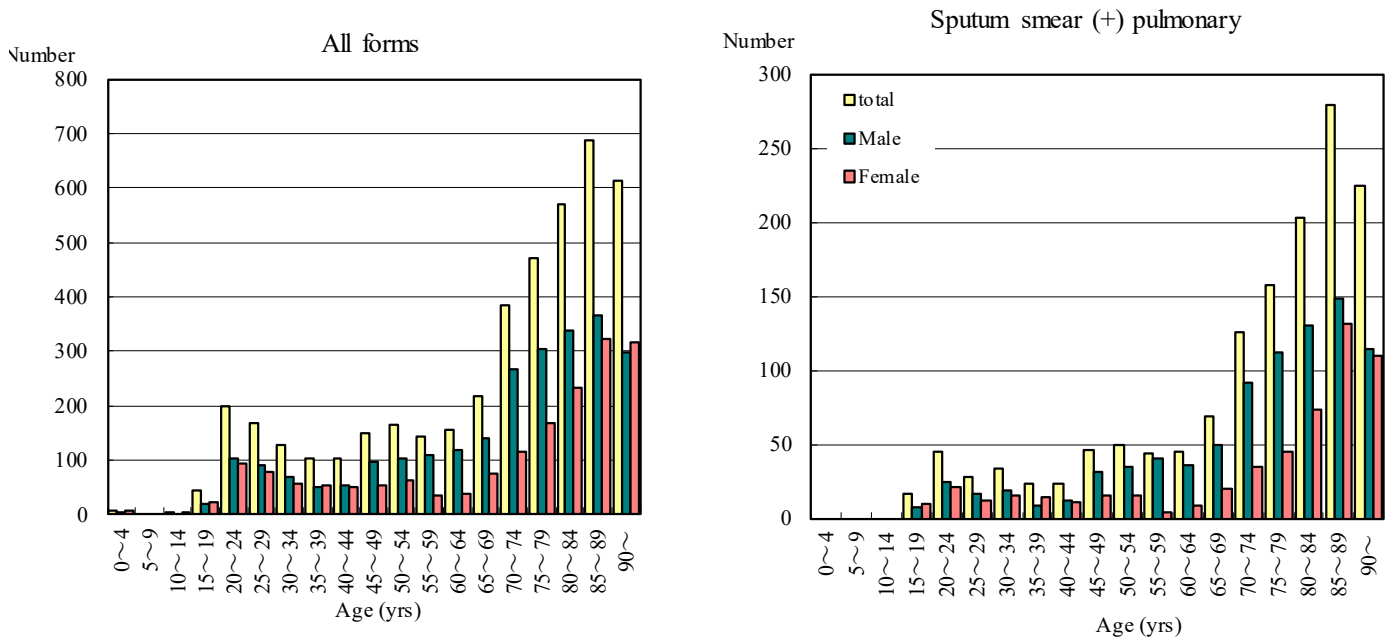


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-May.) 2021

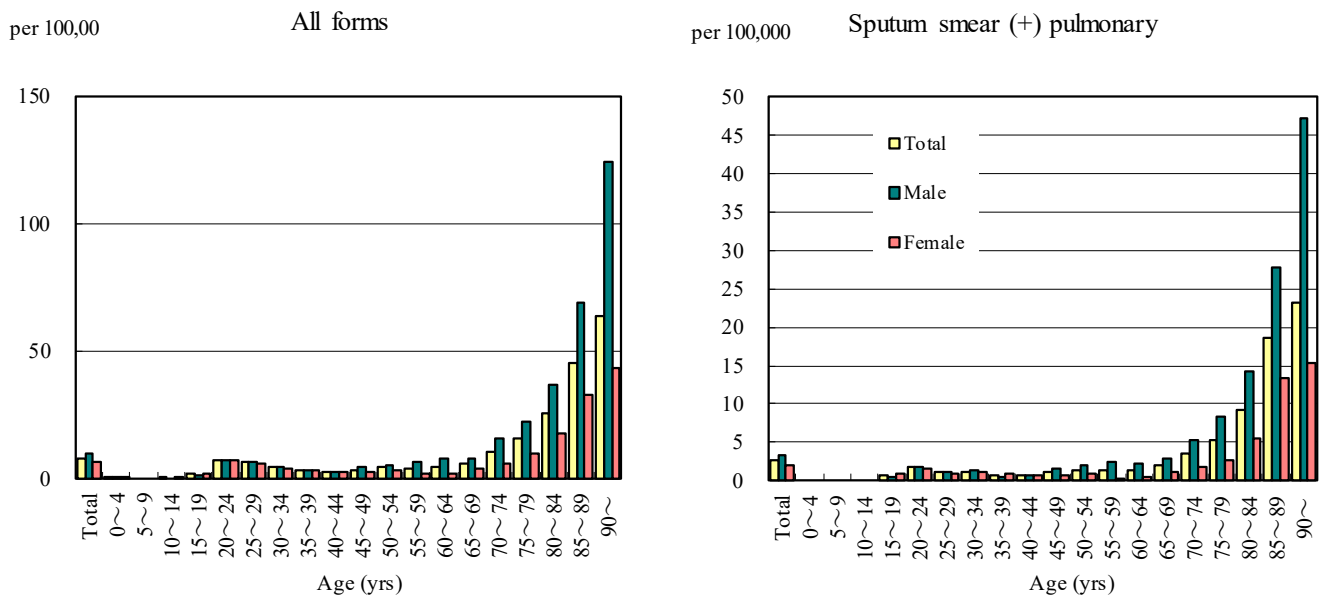


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-May.) 2021

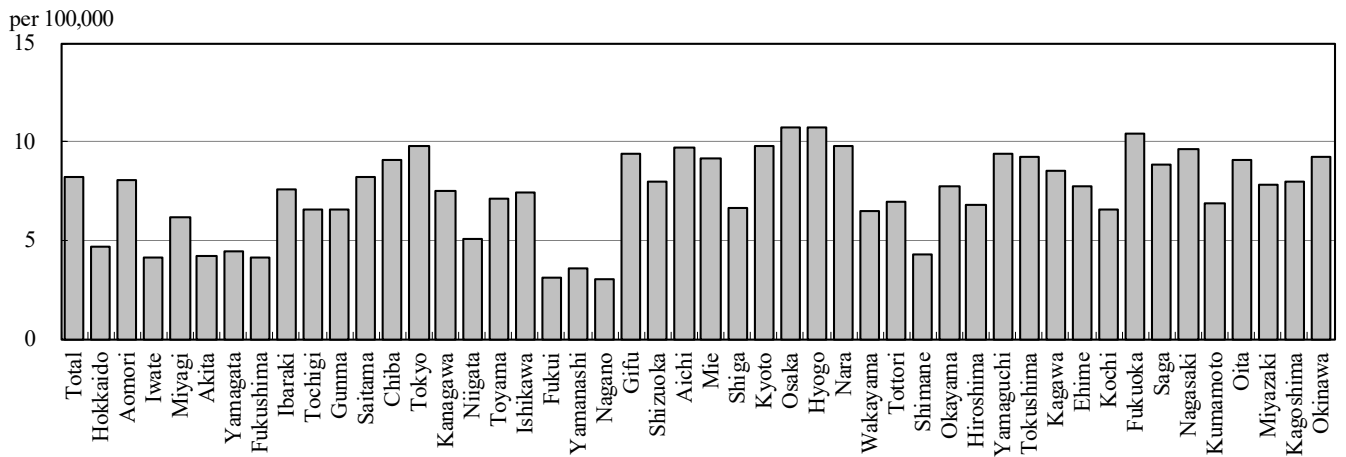


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-May.) 2021

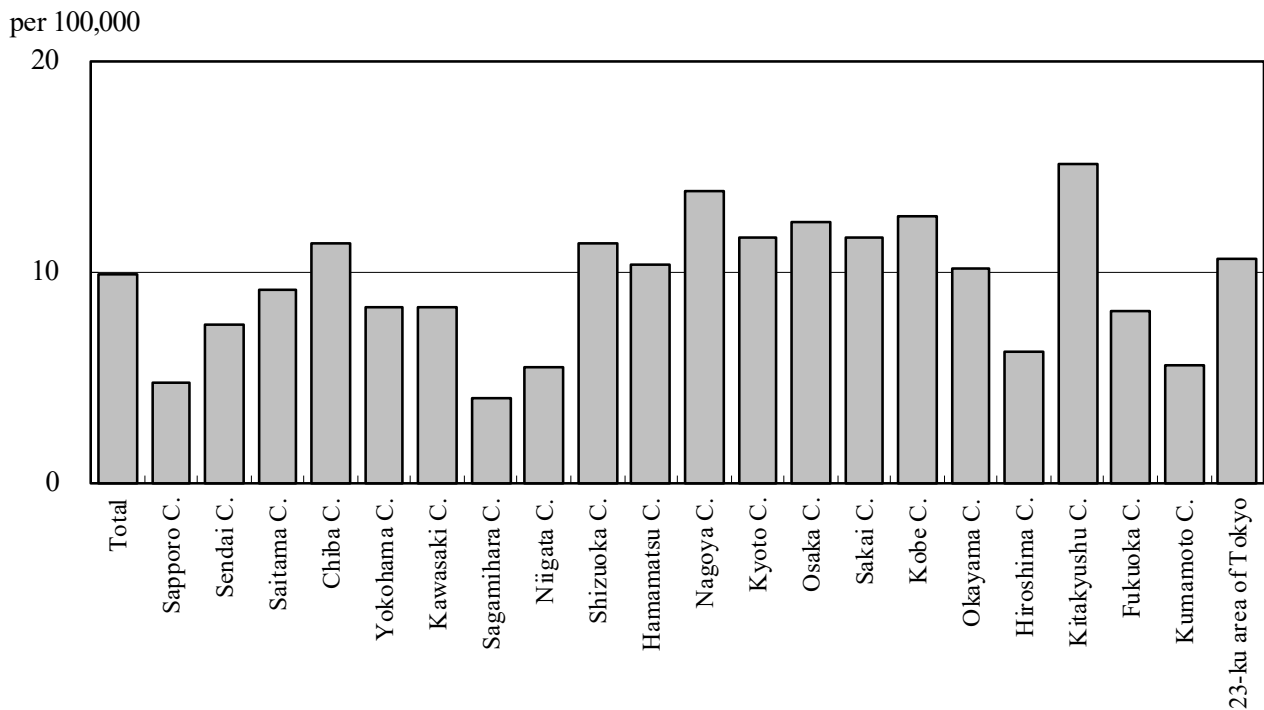


Figure 6. Number of LTBI, Japan, 2018-2021

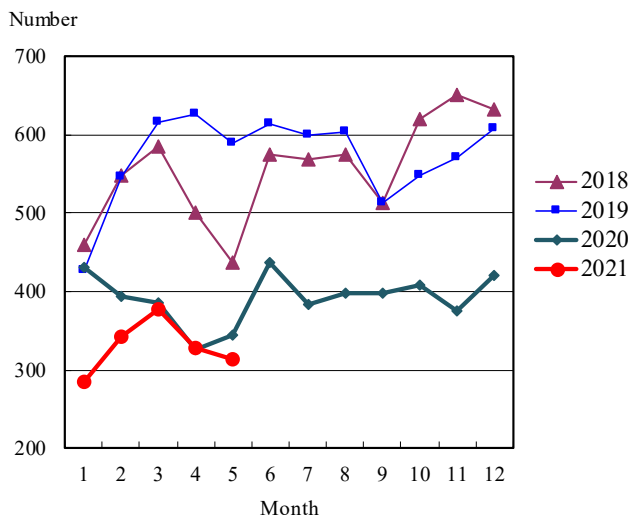


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-May.) 2021

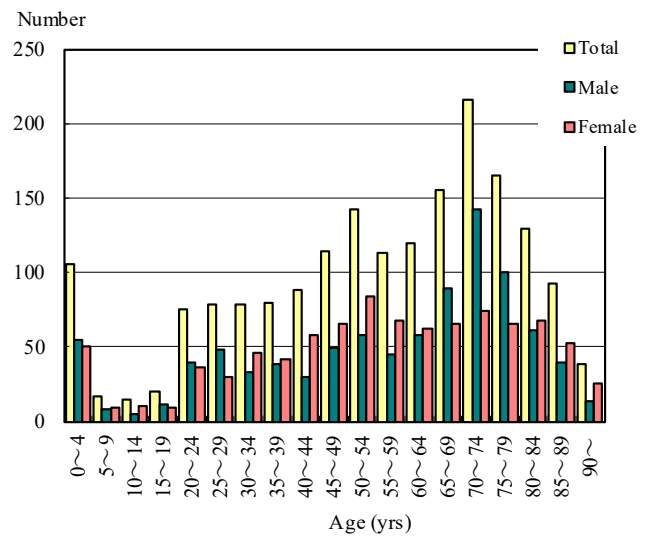


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	771	429	342	4,312	2,528	1,784	8.2	9.9	6.6
0~4	3	1	2	7	1	6	0.4	0.1	0.6
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	1	0	1	3	0	3	0.1	0.0	0.3
15~19	9	5	4	45	21	24	1.9	1.7	2.0
20~24	37	17	20	198	104	94	7.4	7.6	7.3
25~29	35	21	14	169	91	78	6.5	6.8	6.2
30~34	25	12	13	127	69	58	4.5	4.8	4.2
35~39	21	13	8	104	51	53	3.3	3.2	3.4
40~44	21	11	10	102	53	49	2.8	2.9	2.7
45~49	31	19	12	150	96	54	3.7	4.6	2.7
50~54	21	11	10	166	102	64	4.7	5.7	3.6
55~59	33	25	8	142	108	34	4.4	6.7	2.1
60~64	25	18	7	157	120	37	5.0	7.8	2.3
65~69	27	15	12	217	141	76	6.0	8.0	4.1
70~74	69	48	21	383	267	116	10.6	15.6	6.1
75~79	71	38	33	471	304	167	15.6	22.5	10.0
80~84	101	55	46	569	337	232	25.6	36.8	17.8
85~89	133	73	60	688	365	323	45.7	68.8	33.2
90~	108	47	61	614	298	316	63.8	123.8	43.8

Temporary registrants = 0, Total of registrants and temporary registrants = 771

Rate: summation / (population*5/12)*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

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	227	135	92	1,413	873	540	2.7	3.4	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	3	2	1	17	7	10	0.7	0.6	0.8
20~24	5	4	1	45	24	21	1.7	1.7	1.6
25~29	4	4	0	28	16	12	1.1	1.2	1.0
30~34	8	4	4	34	19	15	1.2	1.3	1.1
35~39	7	2	5	23	9	14	0.7	0.6	0.9
40~44	8	4	4	23	12	11	0.6	0.7	0.6
45~49	8	4	4	46	31	15	1.1	1.5	0.7
50~54	6	3	3	50	35	15	1.4	1.9	0.8
55~59	11	10	1	44	40	4	1.4	2.5	0.2
60~64	8	7	1	45	36	9	1.4	2.3	0.6
65~69	5	5	0	69	49	20	1.9	2.8	1.1
70~74	20	16	4	126	91	35	3.5	5.3	1.8
75~79	16	11	5	157	112	45	5.2	8.3	2.7
80~84	30	17	13	203	130	73	9.1	14.2	5.6
85~89	54	28	26	279	148	131	18.5	27.9	13.4
90~	34	14	20	224	114	110	23.3	47.4	15.2

Rate: summation / (population*5/12)*100,000

Population: as of 1st Oct. 2019

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

	May.		Summation (Jan.-May.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	771	227	4,312	1,413	8.2	2.7
Hokkaido	22	7	103	42	4.7	1.9
Aomori	11	5	42	16	8.1	3.1
Iwate	1	0	21	10	4.1	2.0
Miyagi	3	1	59	21	6.1	2.2
Akita	2	1	17	9	4.2	2.2
Yamagata	2	2	20	9	4.5	2.0
Fukushima	6	2	32	14	4.2	1.8
Ibaraki	17	2	90	19	7.6	1.6
Tochigi	12	3	53	16	6.6	2.0
Gunma	8	2	53	13	6.5	1.6
Saitama	54	12	252	80	8.2	2.6
Chiba	36	10	236	63	9.0	2.4
Tokyo	117	40	567	220	9.8	3.8
Kanagawa	56	15	286	82	7.5	2.1
Niigata	7	1	47	14	5.1	1.5
Toyama	7	2	31	9	7.1	2.1
Ishikawa	2	1	35	14	7.4	3.0
Fukui	1	0	10	2	3.1	0.6
Yamanashi	0	0	12	2	3.6	0.6
Nagano	6	2	26	11	3.0	1.3
Gifu	10	1	78	24	9.4	2.9
Shizuoka	21	4	121	37	8.0	2.4
Aichi	48	15	306	99	9.7	3.1
Mie	12	7	68	24	9.2	3.2
Shiga	9	1	39	11	6.6	1.9
Kyoto	15	6	105	33	9.8	3.1
Osaka	58	24	393	131	10.7	3.6
Hyogo	35	10	245	92	10.8	4.0
Nara	8	2	54	19	9.7	3.4
Wakayama	1	0	25	8	6.5	2.1
Tottori	3	1	16	4	6.9	1.7
Shimane	3	0	12	4	4.3	1.4
Okayama	6	1	61	13	7.7	1.7
Hiroshima	15	7	79	33	6.8	2.8
Yamaguchi	9	3	53	10	9.4	1.8
Tokushima	4	2	28	10	9.2	3.3
Kagawa	7	3	34	13	8.5	3.3
Ehime	8	3	43	19	7.7	3.4
Kochi	4	0	19	5	6.5	1.7
Fukuoka	45	11	221	73	10.4	3.4
Saga	6	1	30	9	8.8	2.7
Nagasaki	21	4	53	12	9.6	2.2
Kumamoto	11	4	50	16	6.9	2.2
Oita	8	2	43	13	9.1	2.7
Miyazaki	6	0	35	7	7.8	1.6
Kagoshima	13	5	53	17	7.9	2.5
Okinawa	15	2	56	11	9.2	1.8

Rate: summation / (population*5/12)*100,000

Population: as of 1st Oct. 2019

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

	May.		Summation (Jan.-May.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	273	82	1,532	513	9.8	3.3
Sapporo City	12	4	39	19	4.8	2.3
Sendai City	1	0	34	11	7.5	2.4
Saitama City	10	0	50	16	9.1	2.9
Chiba City	6	1	46	11	11.3	2.7
Yokohama City	23	5	130	36	8.3	2.3
Kawasaki City	9	3	53	16	8.3	2.5
Sagamihara City	5	1	12	4	4.0	1.3
Niigata City	3	1	18	6	5.4	1.8
Shizuoka City	7	0	33	9	11.3	3.1
Hamamatsu City	6	1	34	5	10.3	1.5
Nagoya City	26	8	134	47	13.8	4.8
Kyoto City	12	6	71	22	11.6	3.6
Osaka City	3	1	141	38	12.3	3.3
Sakai City	9	2	40	13	11.6	3.8
Kobe City	13	5	80	35	12.6	5.5
Okayama City	4	0	30	1	10.2	0.3
Hiroshima City	2	1	31	15	6.2	3.0
Kitakyushu City	15	6	59	18	15.1	4.6
Fukuoka City	14	2	54	19	8.1	2.9
Kumamoto City	3	2	17	5	5.5	1.6
23-ku area of Tokyo	90	33	426	167	10.6	4.2

Rate: summation / (population*5/12)*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

	May.			Summation (Jan.-May.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	314	151	163	1,842	922	920	0.4	0.4	0.5
0~4	18	11	7	105	55	50	15.0	55.0	8.3
5~9	4	0	4	17	8	9	-	-	-
10~14	0	0	0	15	5	10	5.0	-	3.3
15~19	4	2	2	20	11	9	0.4	0.5	0.4
20~24	11	5	6	75	39	36	0.4	0.4	0.4
25~29	16	4	12	78	48	30	0.5	0.5	0.4
30~34	14	8	6	79	33	46	0.6	0.5	0.8
35~39	11	3	8	80	38	42	0.8	0.7	0.8
40~44	18	4	14	88	30	58	0.9	0.6	1.2
45~49	19	12	7	114	49	65	0.8	0.5	1.2
50~54	26	13	13	142	58	84	0.9	0.6	1.3
55~59	27	13	14	113	45	68	0.8	0.4	2.0
60~64	21	9	12	120	58	62	0.8	0.5	1.7
65~69	24	11	13	155	89	66	0.7	0.6	0.9
70~74	32	18	14	216	142	74	0.6	0.5	0.6
75~79	27	17	10	165	100	65	0.4	0.3	0.4
80~84	26	13	13	129	61	68	0.2	0.2	0.3
85~89	11	5	6	93	40	53	0.1	0.1	0.2
90~	5	3	2	38	13	25	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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	314	1,842	0.43
Hokkaido	14	72	0.70
Aomori	6	23	0.55
Iwate	3	28	1.33
Miyagi	2	18	0.31
Akita	2	6	0.35
Yamagata	0	8	0.40
Fukushima	0	12	0.38
Ibaraki	4	56	0.62
Tochigi	4	15	0.28
Gunma	1	27	0.51
Saitama	18	103	0.41
Chiba	23	112	0.47
Tokyo	51	274	0.48
Kanagawa	23	118	0.41
Niigata	3	19	0.40
Toyama	3	20	0.65
Ishikawa	3	19	0.54
Fukui	2	4	0.40
Yamanashi	0	11	0.92
Nagano	5	23	0.88
Gifu	5	22	0.28
Shizuoka	8	38	0.31
Aichi	22	129	0.42
Mie	2	12	0.18
Shiga	1	12	0.31
Kyoto	7	43	0.41
Osaka	18	152	0.39
Hyogo	17	70	0.29
Nara	3	19	0.35
Wakayama	4	22	0.88
Tottori	0	2	0.13
Shimane	0	2	0.17
Okayama	3	20	0.33
Hiroshima	4	39	0.49
Yamaguchi	3	16	0.30
Tokushima	2	11	0.39
Kagawa	2	15	0.44
Ehime	2	10	0.23
Kochi	0	3	0.16
Fukuoka	18	95	0.43
Saga	5	11	0.37
Nagasaki	1	13	0.25
Kumamoto	4	16	0.32
Oita	1	20	0.47
Miyazaki	2	12	0.34
Kagoshima	7	30	0.57
Okinawa	6	40	0.71

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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	115	658	0.43
Sapporo City	11	39	1.00
Sendai City	0	6	0.18
Saitama City	3	13	0.26
Chiba City	2	16	0.35
Yokohama City	8	38	0.29
Kawasaki City	5	33	0.62
Sagamihara City	3	14	1.17
Niigata City	1	9	0.50
Shizuoka City	1	11	0.33
Hamamatsu City	4	13	0.38
Nagoya City	8	61	0.46
Kyoto City	5	28	0.39
Osaka City	1	58	0.41
Sakai City	1	16	0.40
Kobe City	6	19	0.24
Okayama City	0	9	0.30
Hiroshima City	0	9	0.29
Kitakyushu City	6	21	0.36
Fukuoka City	7	30	0.56
Kumamoto City	3	6	0.35
23-ku area of Tokyo	40	209	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