



## Monthly Report of Tuberculosis Surveillance, Japan - February, 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 4<sup>th</sup> 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. -Feb.) 2021

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

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

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

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

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

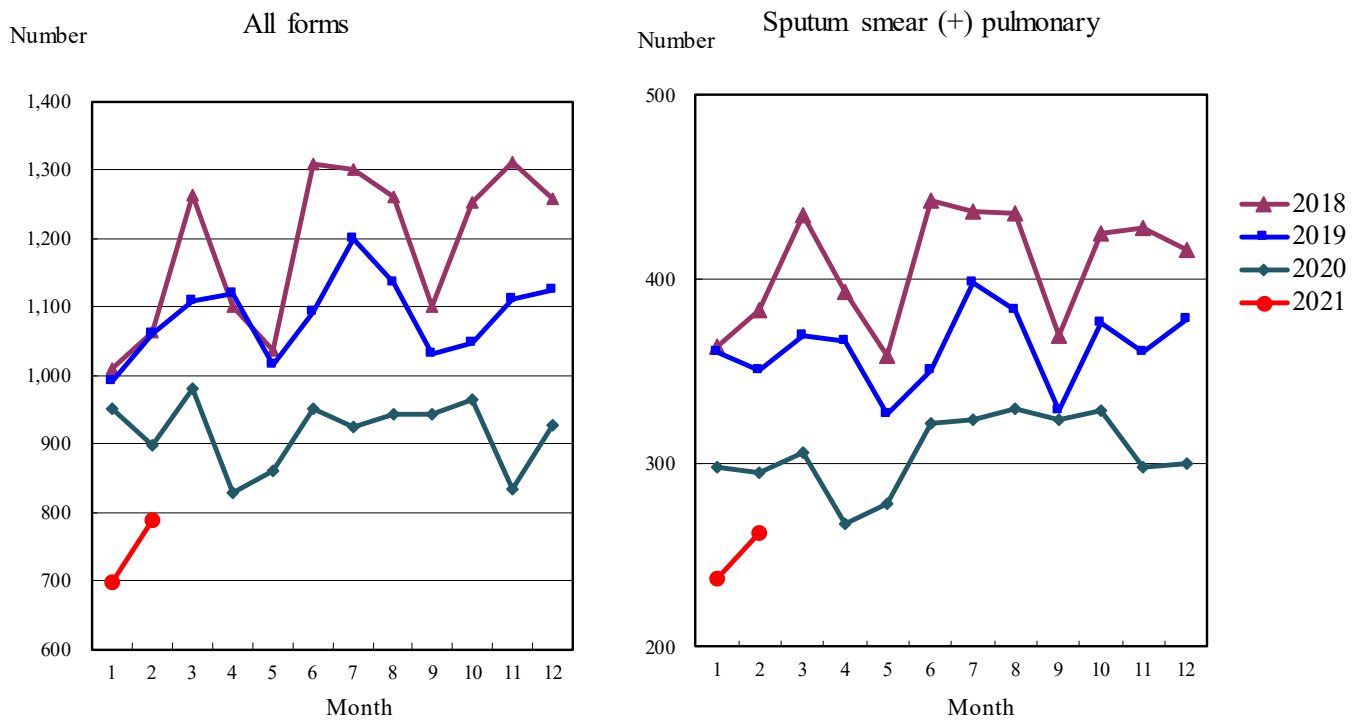


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Feb.) 2021

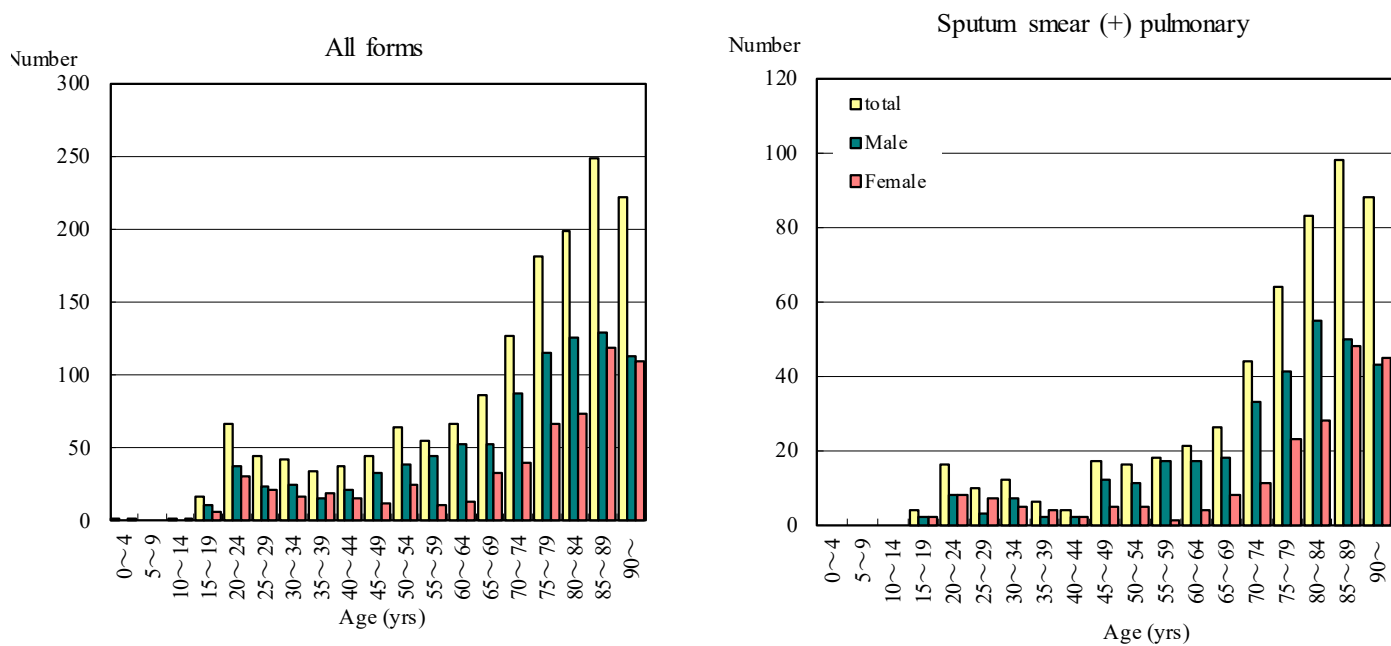


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Feb.) 2021

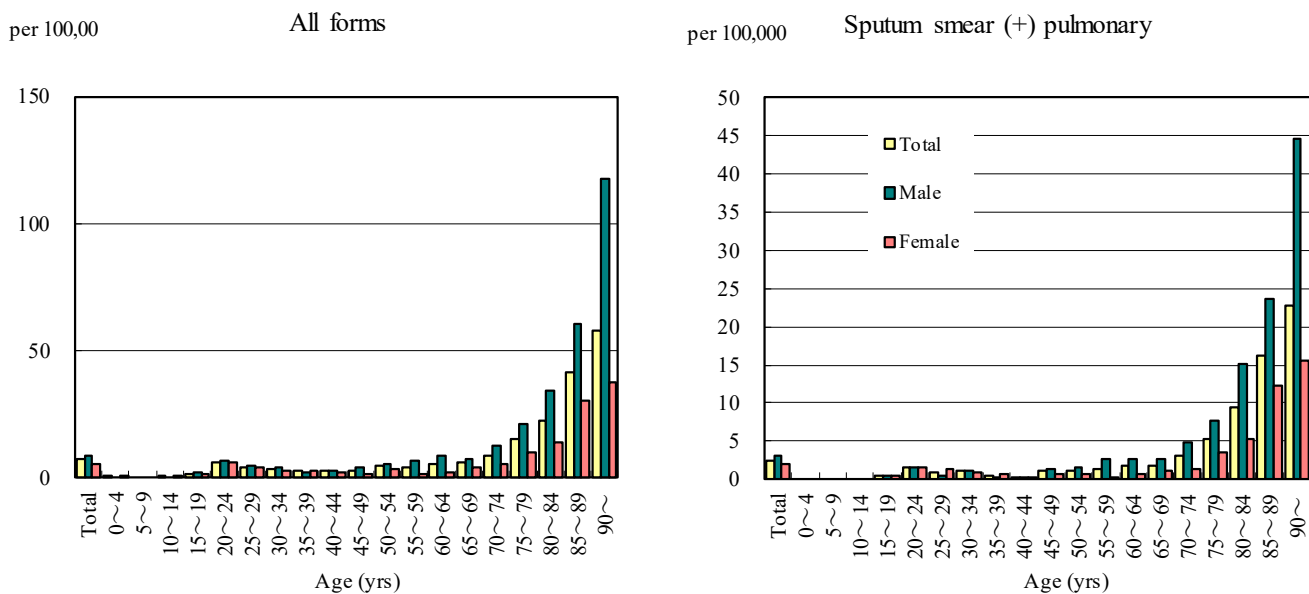


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Feb.) 2021

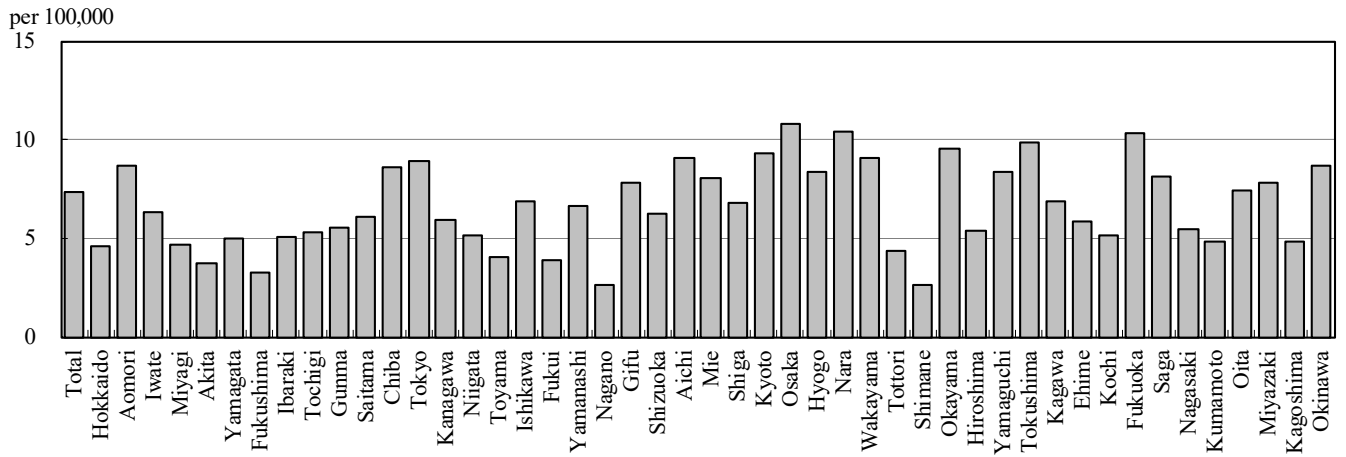


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Feb.) 2021

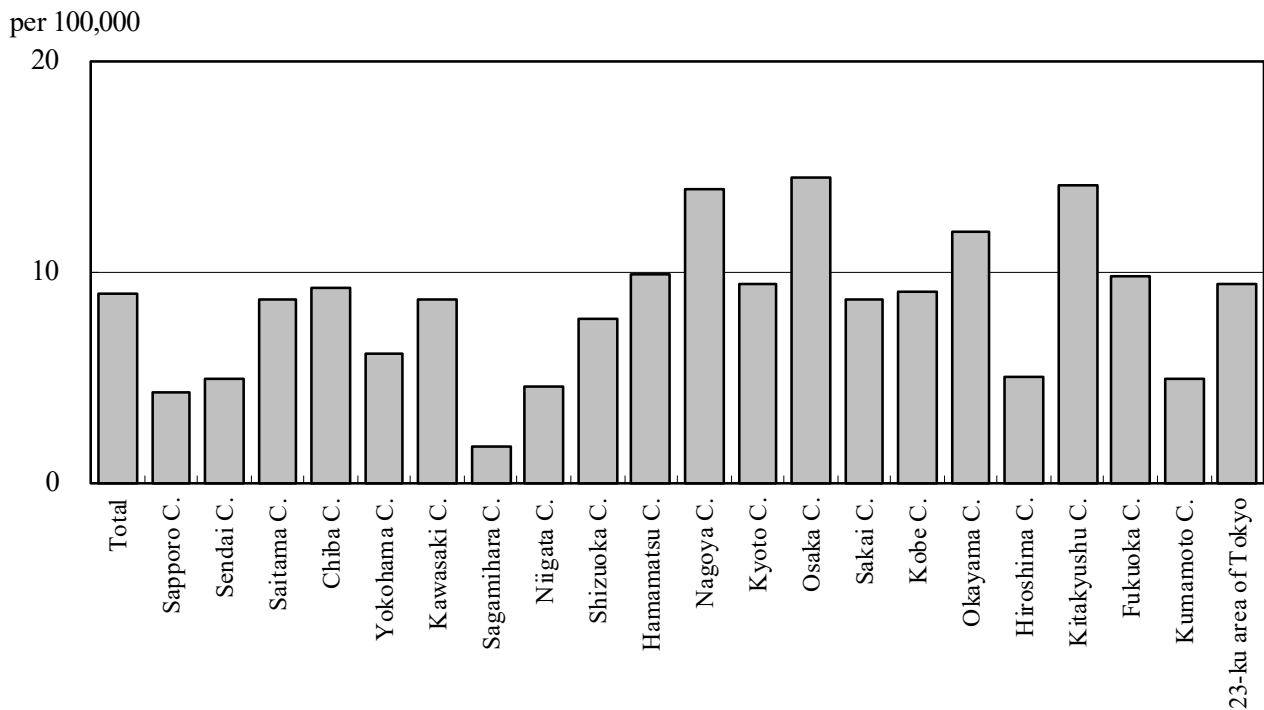


Figure 6. Number of LTBI, Japan, 2018-2021

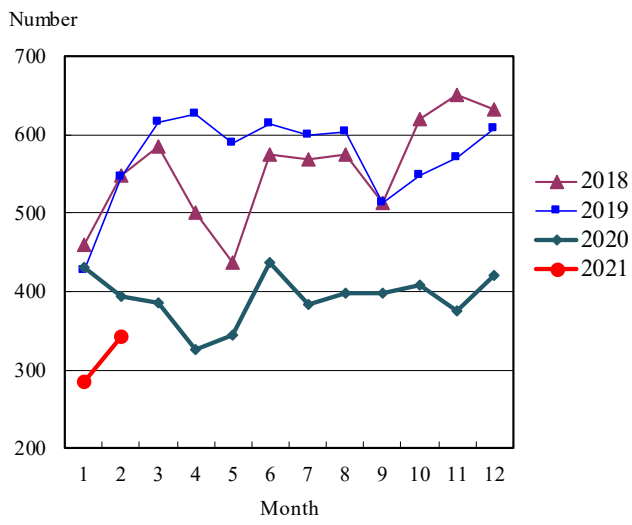


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Feb.) 2021

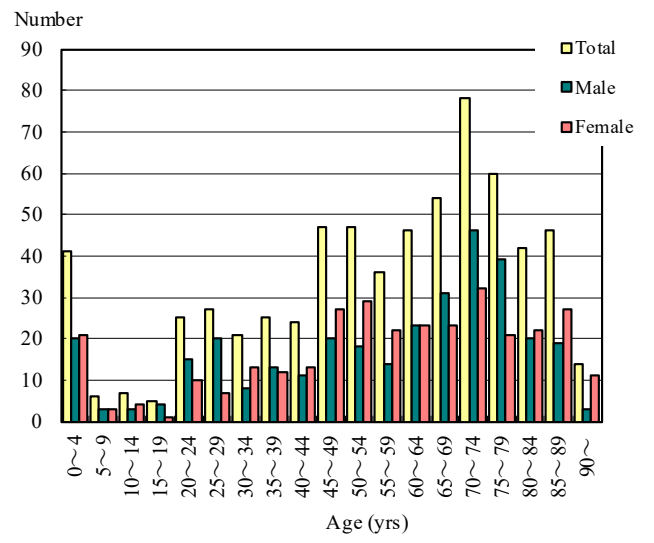


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	789	457	332	1,537	925	612	7.3	9.0	5.7
0~4	1	0	1	1	0	1	0.1	0.0	0.3
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	1	0	1	1	0	1	0.1	0.0	0.2
15~19	6	4	2	17	11	6	1.8	2.2	1.3
20~24	35	20	15	67	37	30	6.3	6.7	5.8
25~29	22	12	10	45	24	21	4.3	4.5	4.2
30~34	25	12	13	42	25	17	3.7	4.4	3.1
35~39	18	9	9	34	15	19	2.7	2.4	3.1
40~44	25	13	12	37	21	16	2.5	2.9	2.2
45~49	28	20	8	45	33	12	2.8	4.0	1.5
50~54	36	23	13	64	39	25	4.5	5.4	3.5
55~59	27	19	8	55	44	11	4.3	6.9	1.7
60~64	27	21	6	66	53	13	5.3	8.6	2.0
65~69	45	27	18	86	53	33	5.9	7.5	4.4
70~74	70	46	24	127	87	40	8.8	12.7	5.2
75~79	91	54	37	181	115	66	15.0	21.3	9.9
80~84	105	64	41	199	126	73	22.4	34.4	14.0
85~89	118	62	56	248	129	119	41.2	60.8	30.5
90~	109	51	58	222	113	109	57.7	117.4	37.8

Temporary registrants = 54, Total of registrants and temporary registrants = 843

Rate: summation / (population\*2/12)\*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

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	262	152	110	527	321	206	2.5	3.1	1.9
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	0	1	4	2	2	0.4	0.4	0.4
20~24	8	4	4	16	8	8	1.5	1.5	1.6
25~29	5	2	3	10	3	7	1.0	0.6	1.4
30~34	7	4	3	12	7	5	1.1	1.2	0.9
35~39	5	1	4	6	2	4	0.5	0.3	0.6
40~44	3	2	1	4	2	2	0.3	0.3	0.3
45~49	11	8	3	17	12	5	1.0	1.5	0.6
50~54	11	8	3	16	11	5	1.1	1.5	0.7
55~59	10	10	0	18	17	1	1.4	2.6	0.2
60~64	7	4	3	21	17	4	1.7	2.7	0.6
65~69	12	7	5	26	18	8	1.8	2.6	1.1
70~74	23	17	6	44	33	11	3.0	4.8	1.4
75~79	32	17	15	64	41	23	5.3	7.6	3.4
80~84	41	27	14	83	55	28	9.3	15.0	5.4
85~89	41	21	20	98	50	48	16.3	23.6	12.3
90~	45	20	25	88	43	45	22.9	44.7	15.6

Rate: summation / (population\*2/12)\*100,000

Population: as of 1st Oct. 2019

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

	Feb.		Summation (Jan.-Feb.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	789	262	1,537	527	7.3	2.5
Hokkaido	23	13	40	20	4.6	2.3
Aomori	8	3	18	8	8.7	3.9
Iwate	9	5	13	5	6.4	2.4
Miyagi	7	3	18	7	4.7	1.8
Akita	2	2	6	4	3.7	2.5
Yamagata	4	2	9	4	5.0	2.2
Fukushima	3	2	10	7	3.3	2.3
Ibaraki	10	3	24	6	5.0	1.3
Tochigi	10	2	17	5	5.3	1.6
Gunma	10	4	18	5	5.6	1.5
Saitama	40	13	75	25	6.1	2.0
Chiba	44	9	90	18	8.6	1.7
Tokyo	112	38	206	80	8.9	3.4
Kanagawa	44	13	91	31	5.9	2.0
Niigata	10	2	19	5	5.1	1.3
Toyama	1	1	7	3	4.0	1.7
Ishikawa	7	5	13	7	6.9	3.7
Fukui	3	0	5	1	3.9	0.8
Yamanashi	3	0	9	1	6.7	0.7
Nagano	4	2	9	5	2.6	1.5
Gifu	10	3	26	5	7.9	1.5
Shizuoka	22	6	38	13	6.3	2.1
Aichi	61	22	114	39	9.1	3.1
Mie	17	5	24	8	8.1	2.7
Shiga	8	2	16	5	6.8	2.1
Kyoto	23	10	40	17	9.3	3.9
Osaka	86	25	159	50	10.8	3.4
Hyogo	47	21	76	30	8.3	3.3
Nara	11	4	23	9	10.4	4.1
Wakayama	5	2	14	7	9.1	4.5
Tottori	2	0	4	1	4.3	1.1
Shimane	1	1	3	1	2.7	0.9
Okayama	15	4	30	8	9.5	2.5
Hiroshima	14	3	25	10	5.3	2.1
Yamaguchi	8	1	19	2	8.4	0.9
Tokushima	4	1	12	6	9.9	4.9
Kagawa	6	2	11	5	6.9	3.1
Ehime	4	1	13	6	5.8	2.7
Kochi	4	2	6	3	5.2	2.6
Fukuoka	45	14	88	27	10.3	3.2
Saga	3	1	11	4	8.1	2.9
Nagasaki	1	0	12	4	5.4	1.8
Kumamoto	10	2	14	2	4.8	0.7
Oita	8	1	14	3	7.4	1.6
Miyazaki	8	5	14	6	7.8	3.4
Kagoshima	7	2	13	5	4.9	1.9
Okinawa	5	0	21	4	8.7	1.7

Rate: summation / (population\*2/12)\*100,000

Population: as of 1st Oct. 2019

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

	Feb.		Summation (Jan.-Feb.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	303	99	554	189	8.9	3.0
Sapporo City	9	5	14	7	4.3	2.1
Sendai City	2	0	9	2	5.0	1.1
Saitama City	14	4	19	5	8.7	2.3
Chiba City	8	1	15	3	9.2	1.8
Yokohama City	18	7	38	12	6.1	1.9
Kawasaki City	12	4	22	6	8.6	2.4
Sagamihara City	1	1	2	2	1.7	1.7
Niigata City	4	1	6	3	4.5	2.3
Shizuoka City	6	2	9	3	7.7	2.6
Hamamatsu City	8	1	13	2	9.9	1.5
Nagoya City	29	10	54	20	13.9	5.2
Kyoto City	16	6	23	8	9.4	3.3
Osaka City	32	7	66	21	14.5	4.6
Sakai City	5	4	12	6	8.7	4.3
Kobe City	13	8	23	12	9.1	4.7
Okayama City	8	1	14	1	11.8	0.8
Hiroshima City	5	1	10	6	5.0	3.0
Kitakyushu City	11	3	22	4	14.0	2.6
Fukuoka City	15	6	26	10	9.8	3.8
Kumamoto City	4	0	6	0	4.9	0.0
23-ku area of Tokyo	83	27	151	56	9.4	3.5

Rate: summation / (population\*2/12)\*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

	Feb.			Summation (Jan.-Feb.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	342	173	169	651	330	321	0.4	0.4	0.5
0~4	15	7	8	41	20	21	41.0	-	21.0
5~9	3	1	2	6	3	3	-	-	-
10~14	1	1	0	7	3	4	7.0	-	4.0
15~19	3	3	0	5	4	1	0.3	0.4	0.2
20~24	14	9	5	25	15	10	0.4	0.4	0.3
25~29	16	13	3	27	20	7	0.6	0.8	0.3
30~34	14	6	8	21	8	13	0.5	0.3	0.8
35~39	15	10	5	25	13	12	0.7	0.9	0.6
40~44	12	4	8	24	11	13	0.6	0.5	0.8
45~49	23	10	13	47	20	27	1.0	0.6	2.3
50~54	24	9	15	47	18	29	0.7	0.5	1.2
55~59	22	9	13	36	14	22	0.7	0.3	2.0
60~64	26	10	16	46	23	23	0.7	0.4	1.8
65~69	26	15	11	54	31	23	0.6	0.6	0.7
70~74	49	32	17	78	46	32	0.6	0.5	0.8
75~79	31	19	12	60	39	21	0.3	0.3	0.3
80~84	16	5	11	42	20	22	0.2	0.2	0.3
85~89	28	9	19	46	19	27	0.2	0.1	0.2
90~	4	1	3	14	3	11	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

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	342	651	0.42
Hokkaido	13	24	0.60
Aomori	5	8	0.44
Iwate	13	17	1.31
Miyagi	3	6	0.33
Akita	1	1	0.17
Yamagata	2	3	0.33
Fukushima	4	4	0.40
Ibaraki	7	20	0.83
Tochigi	0	2	0.12
Gunma	7	16	0.89
Saitama	13	29	0.39
Chiba	21	38	0.42
Tokyo	51	102	0.50
Kanagawa	24	45	0.49
Niigata	5	7	0.37
Toyama	4	8	1.14
Ishikawa	1	4	0.31
Fukui	0	0	0.00
Yamanashi	4	5	0.56
Nagano	3	9	1.00
Gifu	3	7	0.27
Shizuoka	7	12	0.32
Aichi	18	45	0.39
Mie	4	6	0.25
Shiga	3	6	0.38
Kyoto	6	10	0.25
Osaka	21	52	0.33
Hyogo	13	21	0.28
Nara	1	5	0.22
Wakayama	8	9	0.64
Tottori	0	0	0.00
Shimane	0	1	0.33
Okayama	3	5	0.17
Hiroshima	10	14	0.56
Yamaguchi	3	7	0.37
Tokushima	6	7	0.58
Kagawa	1	3	0.27
Ehime	2	6	0.46
Kochi	2	2	0.33
Fukuoka	24	38	0.43
Saga	2	3	0.27
Nagasaki	4	5	0.42
Kumamoto	1	2	0.14
Oita	4	8	0.57
Miyazaki	1	1	0.07
Kagoshima	6	12	0.92
Okinawa	8	16	0.76

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

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	114	227	0.41
Sapporo City	7	14	1.00
Sendai City	1	2	0.22
Saitama City	3	6	0.32
Chiba City	3	5	0.33
Yokohama City	6	13	0.34
Kawasaki City	10	16	0.73
Sagamihara City	4	5	2.50
Niigata City	4	6	1.00
Shizuoka City	3	5	0.56
Hamamatsu City	3	5	0.38
Nagoya City	9	23	0.43
Kyoto City	2	4	0.17
Osaka City	7	18	0.27
Sakai City	1	5	0.42
Kobe City	0	3	0.13
Okayama City	1	2	0.14
Hiroshima City	2	3	0.30
Kitakyushu City	5	7	0.32
Fukuoka City	3	8	0.31
Kumamoto City	0	0	0.00
23-ku area of Tokyo	40	77	0.51

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