



Monthly Report of Tuberculosis Surveillance, Japan – January, 2020

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, 2017-2020

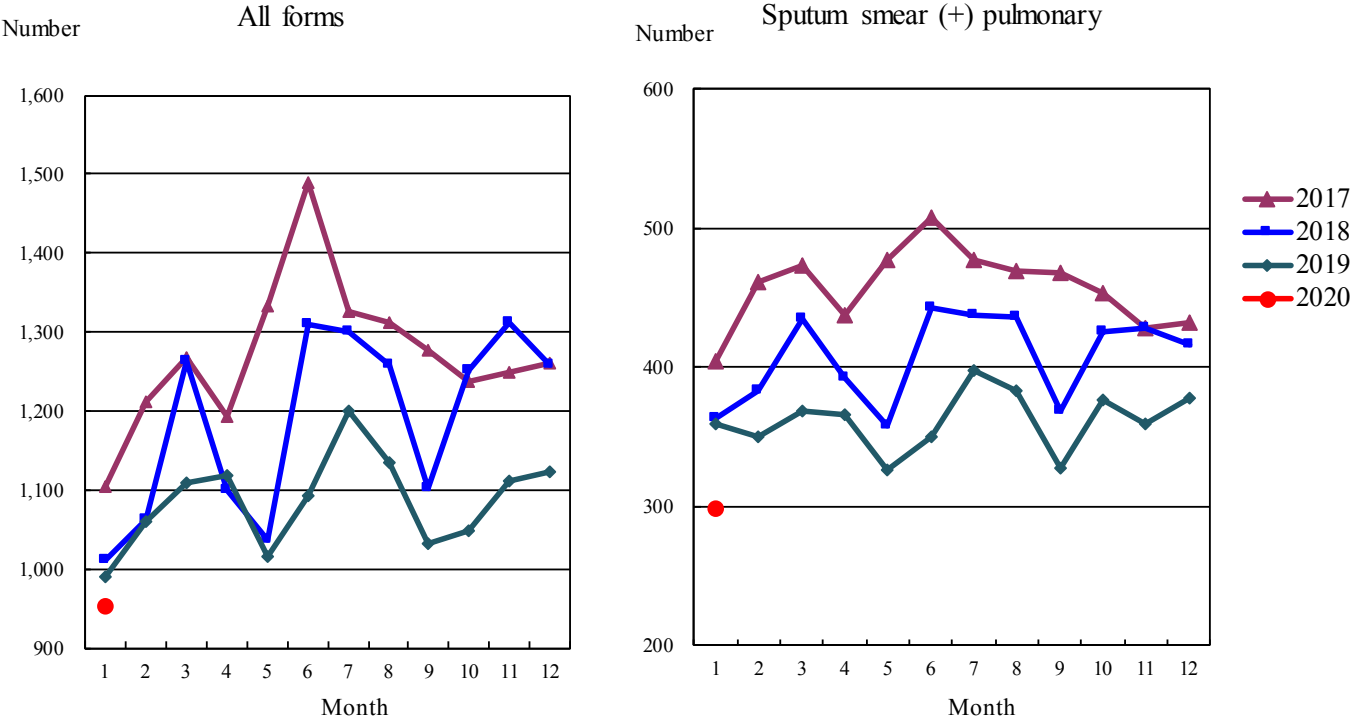


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2020

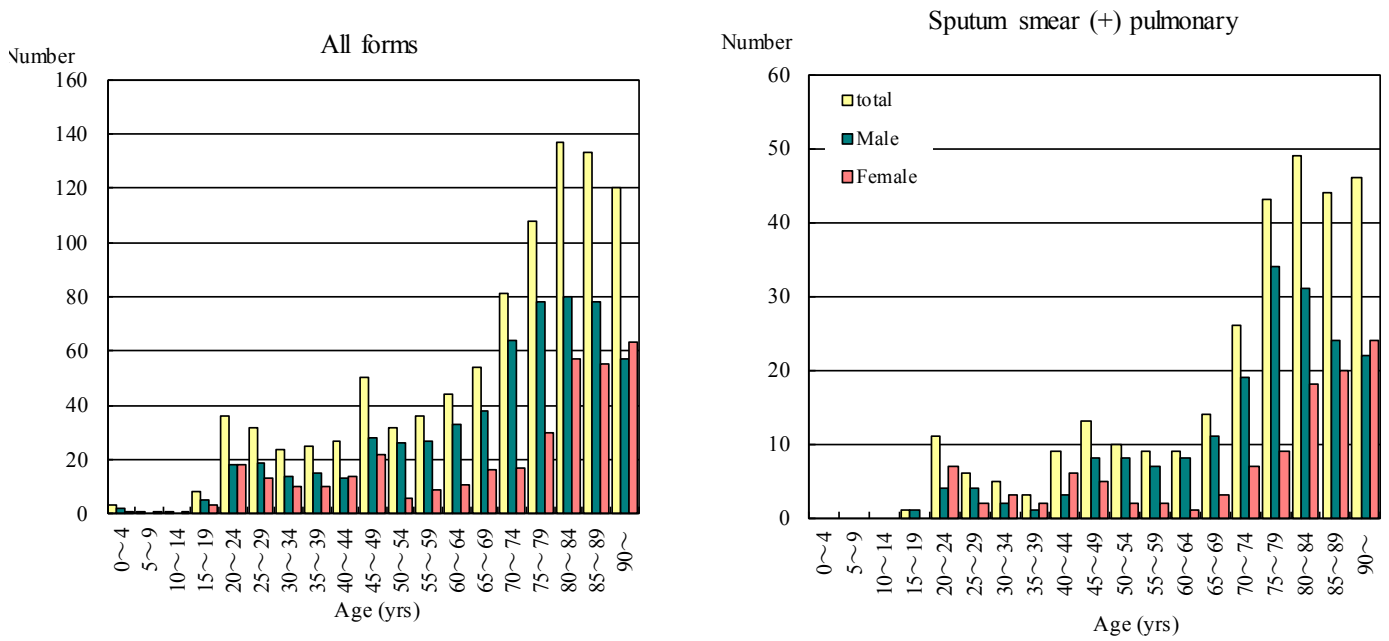


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2020

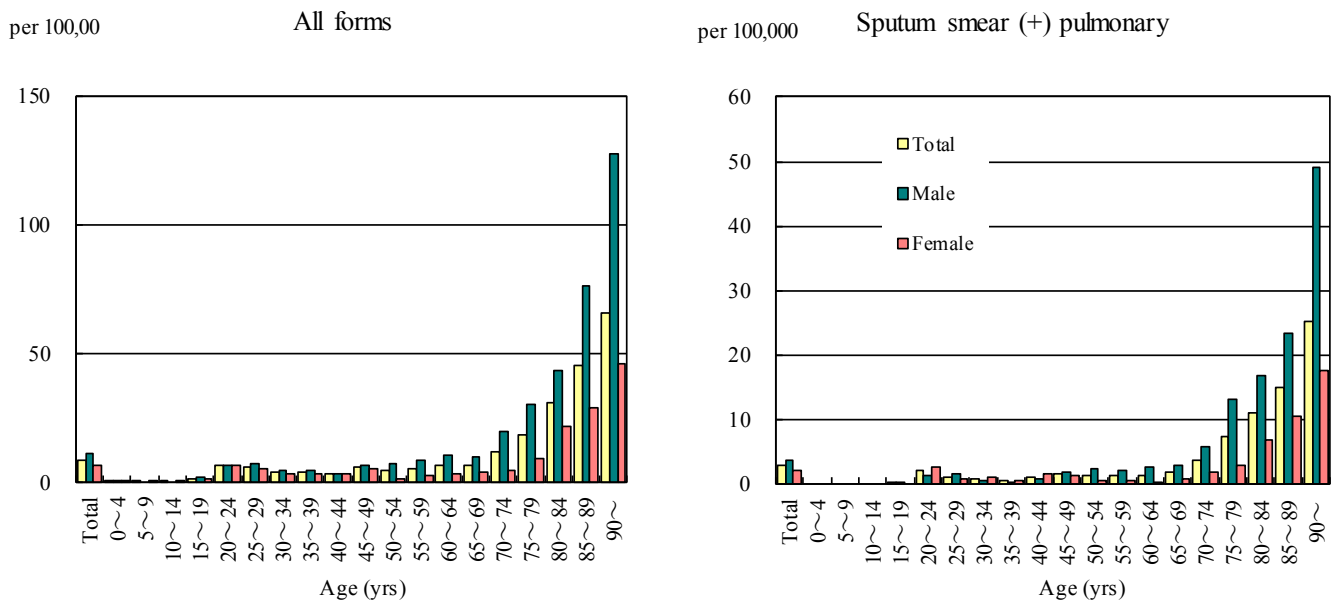


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2020

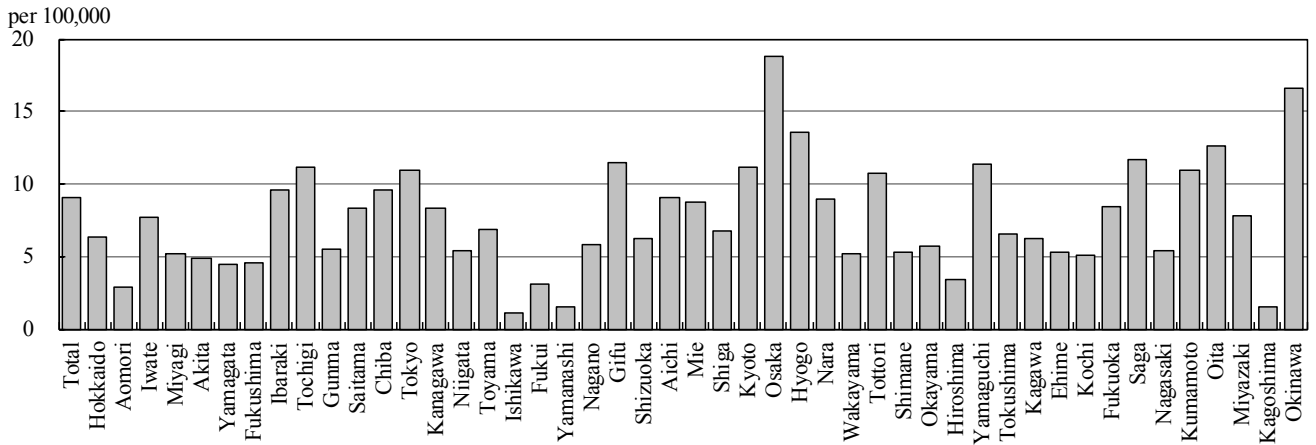


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2020

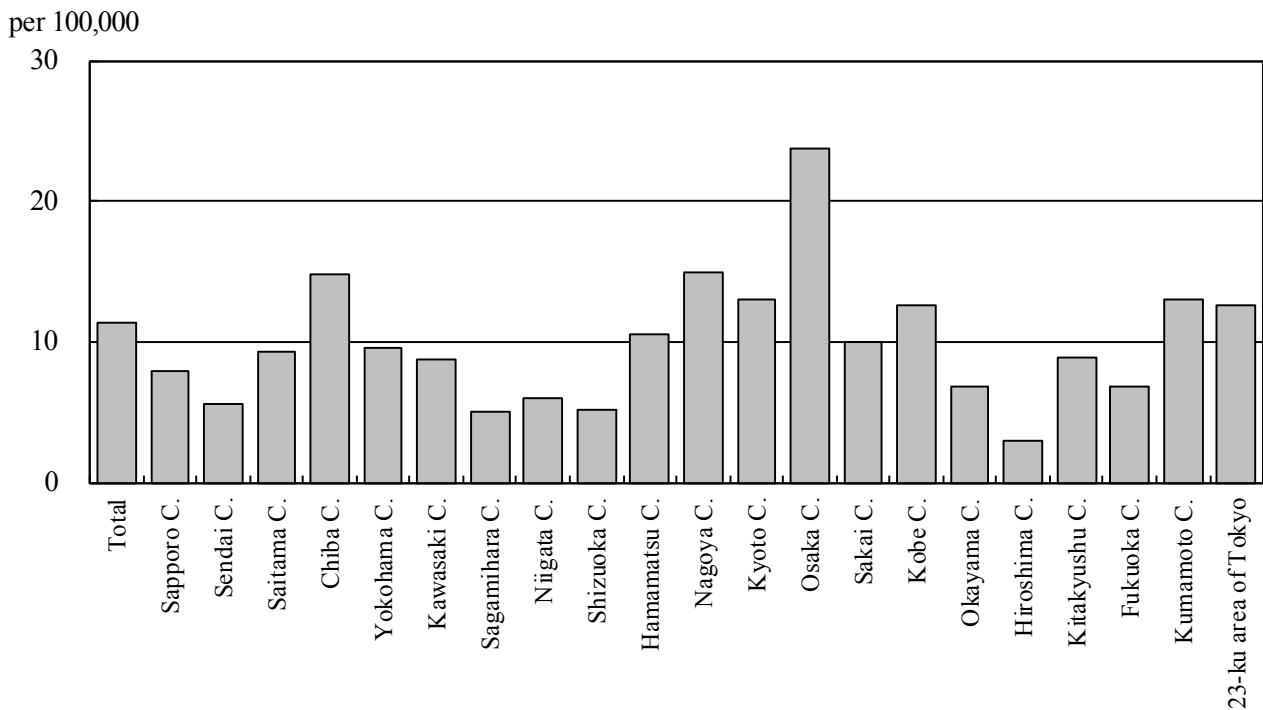


Figure 6. Number of LTBI, Japan, 2017-2020

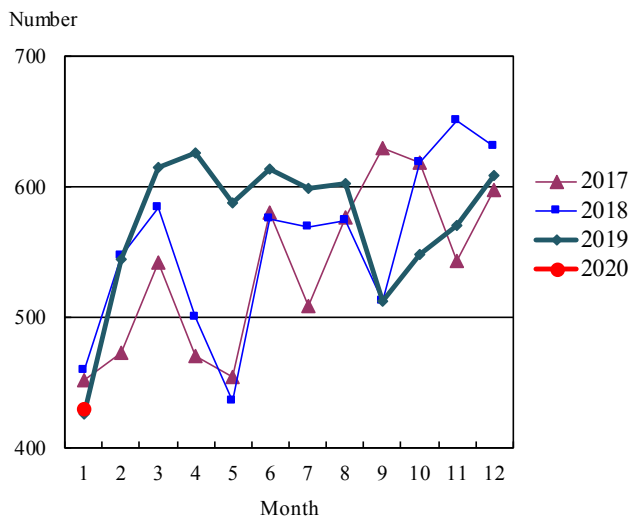


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2020

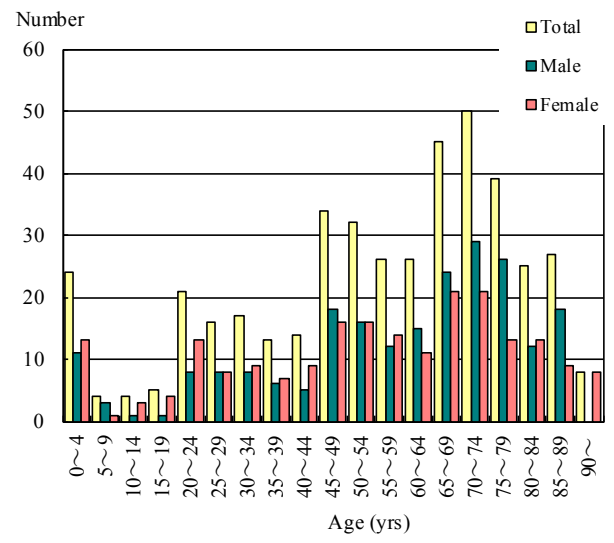


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	952	595	357	952	595	357	9.0	11.6	6.6
0~4	3	2	1	3	2	1	0.7	1.0	0.5
5~9	1	0	1	1	0	1	0.2	0.0	0.5
10~14	1	0	1	1	0	1	0.2	0.0	0.5
15~19	8	5	3	8	5	3	1.6	2.0	1.3
20~24	36	18	18	36	18	18	6.8	6.6	7.0
25~29	32	19	13	32	19	13	6.2	7.1	5.2
30~34	24	14	10	24	14	10	4.2	4.8	3.5
35~39	25	15	10	25	15	10	3.9	4.6	3.2
40~44	27	13	14	27	13	14	3.6	3.4	3.7
45~49	50	28	22	50	28	22	6.2	6.9	5.5
50~54	32	26	6	32	26	6	4.6	7.4	1.7
55~59	36	27	9	36	27	9	5.6	8.5	2.8
60~64	44	33	11	44	33	11	7.0	10.6	3.4
65~69	54	38	16	54	38	16	6.9	10.1	4.0
70~74	81	64	17	81	64	17	11.8	19.8	4.7
75~79	108	78	30	108	78	30	18.7	30.2	9.4
80~84	137	80	57	137	80	57	30.7	43.8	21.7
85~89	133	78	55	133	78	55	45.4	76.4	28.8
90~	120	57	63	120	57	63	66.0	127.3	45.9

Temporary registrants = 68, Total of registrants and temporary registrants = 1,020

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

Population: as of 1st Oct. 2018

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2020

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	298	187	111	298	187	111	2.8	3.6	2.1
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	1	1	0	0.2	0.4	0.0
20~24	11	4	7	11	4	7	2.1	1.5	2.7
25~29	6	4	2	6	4	2	1.2	1.5	0.8
30~34	5	2	3	5	2	3	0.9	0.7	1.1
35~39	3	1	2	3	1	2	0.5	0.3	0.6
40~44	9	3	6	9	3	6	1.2	0.8	1.6
45~49	13	8	5	13	8	5	1.6	2.0	1.3
50~54	10	8	2	10	8	2	1.4	2.3	0.6
55~59	9	7	2	9	7	2	1.4	2.2	0.6
60~64	9	8	1	9	8	1	1.4	2.6	0.3
65~69	14	11	3	14	11	3	1.8	2.9	0.7
70~74	26	19	7	26	19	7	3.8	5.9	1.9
75~79	43	34	9	43	34	9	7.4	13.2	2.8
80~84	49	31	18	49	31	18	11.0	17.0	6.8
85~89	44	24	20	44	24	20	15.0	23.5	10.5
90~	46	22	24	46	22	24	25.3	49.1	17.5

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

Population: as of 1st Oct. 2018

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2020

	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	952	298	952	298	9.0	2.8
Hokkaido	28	11	28	11	6.4	2.5
Aomori	3	1	3	1	2.9	1.0
Iwate	8	5	8	5	7.7	4.8
Miyagi	10	2	10	2	5.2	1.0
Akita	4	1	4	1	4.9	1.2
Yamagata	4	1	4	1	4.4	1.1
Fukushima	7	2	7	2	4.5	1.3
Ibaraki	23	5	23	5	9.6	2.1
Tochigi	18	5	18	5	11.1	3.1
Gunma	9	4	9	4	5.5	2.5
Saitama	51	14	51	14	8.3	2.3
Chiba	50	18	50	18	9.6	3.5
Tokyo	126	33	126	33	10.9	2.9
Kanagawa	64	19	64	19	8.4	2.5
Niigata	10	3	10	3	5.3	1.6
Toyama	6	0	6	0	6.9	0.0
Ishikawa	1	0	1	0	1.0	0.0
Fukui	2	2	2	2	3.1	3.1
Yamanashi	1	0	1	0	1.5	0.0
Nagano	10	1	10	1	5.8	0.6
Gifu	19	5	19	5	11.4	3.0
Shizuoka	19	4	19	4	6.2	1.3
Aichi	57	18	57	18	9.1	2.9
Mie	13	3	13	3	8.7	2.0
Shiga	8	5	8	5	6.8	4.2
Kyoto	24	8	24	8	11.1	3.7
Osaka	138	47	138	47	18.8	6.4
Hyogo	62	20	62	20	13.6	4.4
Nara	10	2	10	2	9.0	1.8
Wakayama	4	4	4	4	5.1	5.1
Tottori	5	1	5	1	10.7	2.1
Shimane	3	2	3	2	5.3	3.5
Okayama	9	0	9	0	5.7	0.0
Hiroshima	8	2	8	2	3.4	0.9
Yamaguchi	13	3	13	3	11.4	2.6
Tokushima	4	4	4	4	6.5	6.5
Kagawa	5	0	5	0	6.2	0.0
Ehime	6	4	6	4	5.3	3.6
Kochi	3	1	3	1	5.1	1.7
Fukuoka	36	12	36	12	8.5	2.8
Saga	8	2	8	2	11.7	2.9
Nagasaki	6	2	6	2	5.4	1.8
Kumamoto	16	3	16	3	10.9	2.0
Oita	12	6	12	6	12.6	6.3
Miyazaki	7	5	7	5	7.8	5.6
Kagoshima	2	0	2	0	1.5	0.0
Okinawa	20	8	20	8	16.6	6.6

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

Population: as of 1st Oct. 2018

Table 4. Newly notified TB cases and rates by major city, Japan, 2020

	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	351	113	351	113	11.3	3.6
Sapporo City	13	3	13	3	7.9	1.8
Sendai City	5	0	5	0	5.5	0.0
Saitama City	10	3	10	3	9.2	2.8
Chiba City	12	7	12	7	14.7	8.6
Yokohama City	30	8	30	8	9.6	2.6
Kawasaki City	11	4	11	4	8.7	3.2
Sagamihara City	3	2	3	2	5.0	3.3
Niigata City	4	2	4	2	6.0	3.0
Shizuoka City	3	1	3	1	5.1	1.7
Hamamatsu City	7	2	7	2	10.6	3.0
Nagoya City	29	11	29	11	15.0	5.7
Kyoto City	16	7	16	7	13.1	5.7
Osaka City	54	19	54	19	23.8	8.4
Sakai City	7	4	7	4	10.0	5.7
Kobe City	16	6	16	6	12.6	4.7
Okayama City	4	0	4	0	6.8	0.0
Hiroshima City	3	1	3	1	3.0	1.0
Kitakyushu City	7	2	7	2	8.9	2.5
Fukuoka City	9	3	9	3	6.8	2.3
Kumamoto City	8	0	8	0	13.0	0.0
23-ku area of Tokyo	100	28	100	28	12.6	3.5

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

Population: as of 1st Oct. 2018

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, 2020

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	430	221	209	430	221	209	0.5	0.4	0.6
0~4	24	11	13	24	11	13	8.0	5.5	13.0
5~9	4	3	1	4	3	1	4.0	-	1.0
10~14	4	1	3	4	1	3	4.0	-	3.0
15~19	5	1	4	5	1	4	0.6	0.2	1.3
20~24	21	8	13	21	8	13	0.6	0.4	0.7
25~29	16	8	8	16	8	8	0.5	0.4	0.6
30~34	17	8	9	17	8	9	0.7	0.6	0.9
35~39	13	6	7	13	6	7	0.5	0.4	0.7
40~44	14	5	9	14	5	9	0.5	0.4	0.6
45~49	34	18	16	34	18	16	0.7	0.6	0.7
50~54	32	16	16	32	16	16	1.0	0.6	2.7
55~59	26	12	14	26	12	14	0.7	0.4	1.6
60~64	26	15	11	26	15	11	0.6	0.5	1.0
65~69	45	24	21	45	24	21	0.8	0.6	1.3
70~74	50	29	21	50	29	21	0.6	0.5	1.2
75~79	39	26	13	39	26	13	0.4	0.3	0.4
80~84	25	12	13	25	12	13	0.2	0.2	0.2
85~89	27	18	9	27	18	9	0.2	0.2	0.2
90~	8	0	8	8	0	8	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, 2020

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	430	430	0.45
Hokkaido	22	22	0.79
Aomori	4	4	1.33
Iwate	1	1	0.13
Miyagi	5	5	0.50
Akita	0	0	0.00
Yamagata	4	4	1.00
Fukushima	5	5	0.71
Ibaraki	10	10	0.43
Tochigi	4	4	0.22
Gunma	4	4	0.44
Saitama	32	32	0.63
Chiba	17	17	0.34
Tokyo	56	56	0.44
Kanagawa	21	21	0.33
Niigata	3	3	0.30
Toyama	5	5	0.83
Ishikawa	1	1	1.00
Fukui	1	1	0.50
Yamanashi	2	2	2.00
Nagano	2	2	0.20
Gifu	11	11	0.58
Shizuoka	7	7	0.37
Aichi	19	19	0.33
Mie	3	3	0.23
Shiga	4	4	0.50
Kyoto	15	15	0.63
Osaka	70	70	0.51
Hyogo	18	18	0.29
Nara	7	7	0.70
Wakayama	2	2	0.50
Tottori	0	0	0.00
Shimane	0	0	0.00
Okayama	8	8	0.89
Hiroshima	6	6	0.75
Yamaguchi	4	4	0.31
Tokushima	0	0	0.00
Kagawa	3	3	0.60
Ehime	2	2	0.33
Kochi	1	1	0.33
Fukuoka	29	29	0.81
Saga	0	0	0.00
Nagasaki	3	3	0.50
Kumamoto	5	5	0.31
Oita	5	5	0.42
Miyazaki	2	2	0.29
Kagoshima	3	3	1.50
Okinawa	4	4	0.20

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, 2020

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	162	162	0.46
Sapporo City	6	6	0.46
Sendai City	5	5	1.00
Saitama City	4	4	0.40
Chiba City	2	2	0.17
Yokohama City	6	6	0.20
Kawasaki City	7	7	0.64
Sagamihara City	2	2	0.67
Niigata City	1	1	0.25
Shizuoka City	1	1	0.33
Hamamatsu City	3	3	0.43
Nagoya City	7	7	0.24
Kyoto City	11	11	0.69
Osaka City	33	33	0.61
Sakai City	7	7	1.00
Kobe City	2	2	0.13
Okayama City	3	3	0.75
Hiroshima City	3	3	1.00
Kitakyushu City	4	4	0.57
Fukuoka City	13	13	1.44
Kumamoto City	4	4	0.50
23-ku area of Tokyo	38	38	0.38

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