



Monthly Report of Tuberculosis Surveillance, Japan – January, 2018

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, 2015-2018

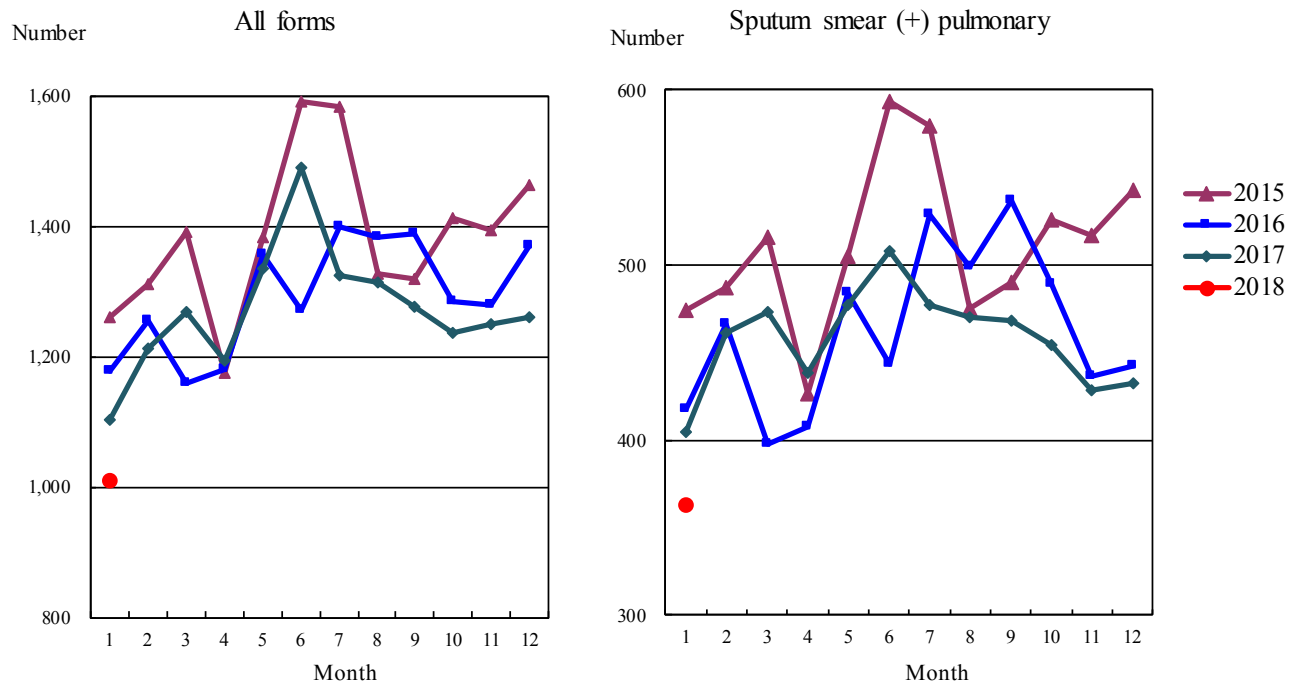


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2018

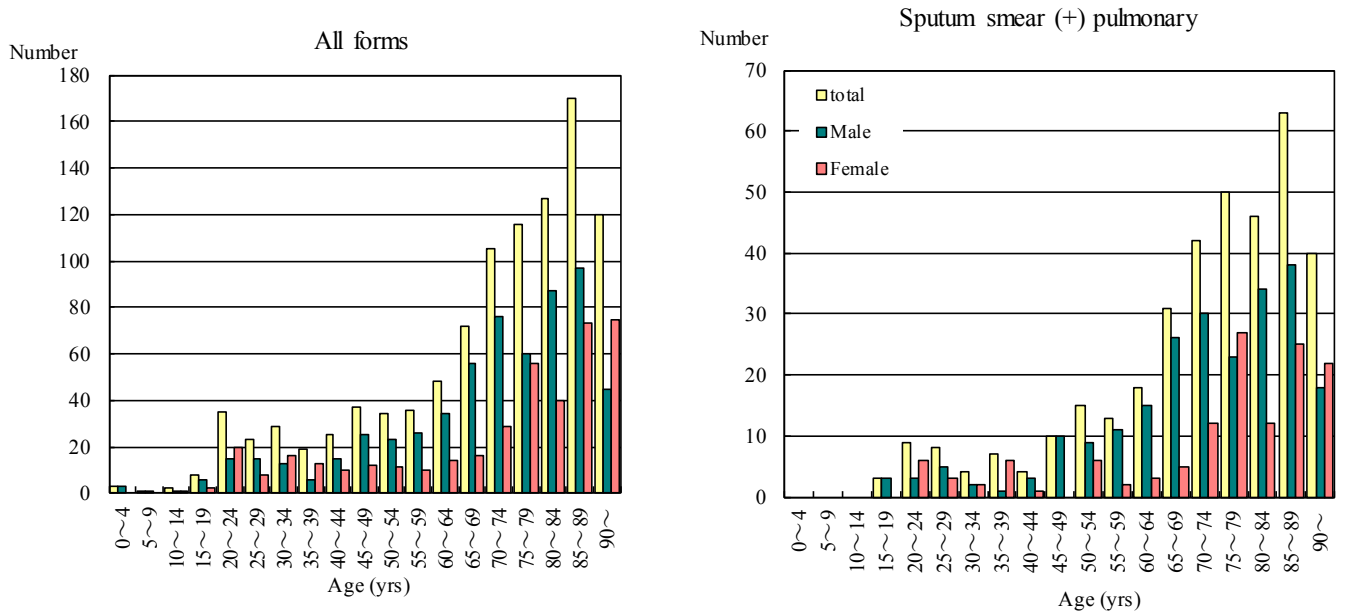


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2018

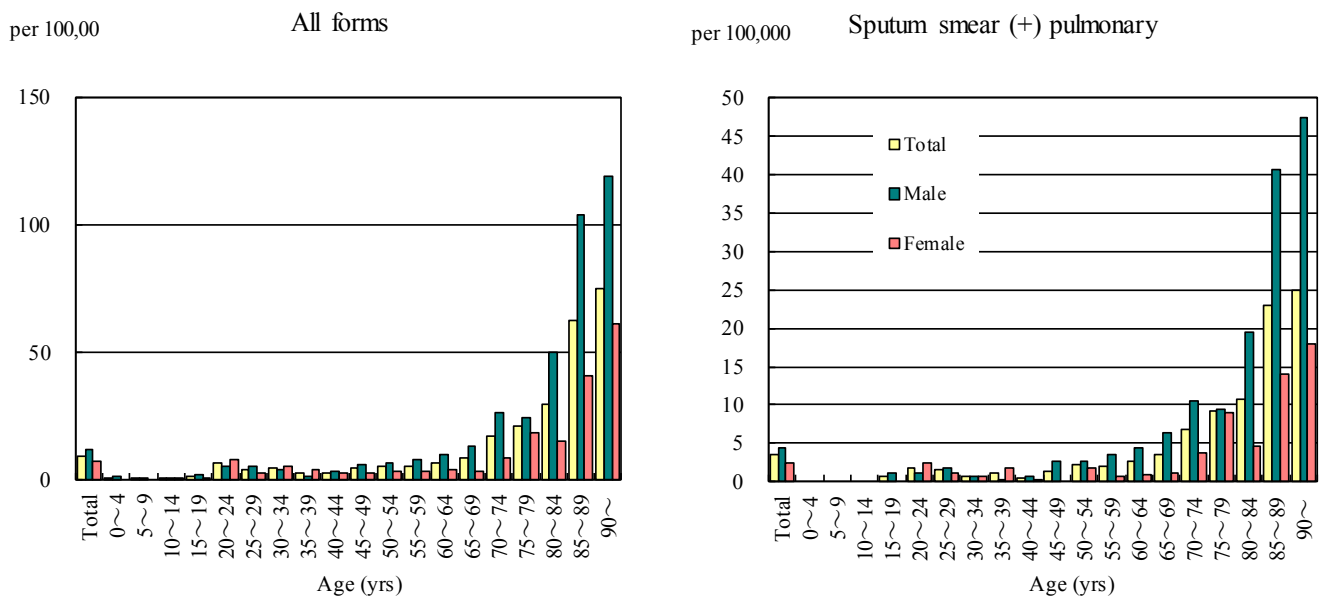


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2018

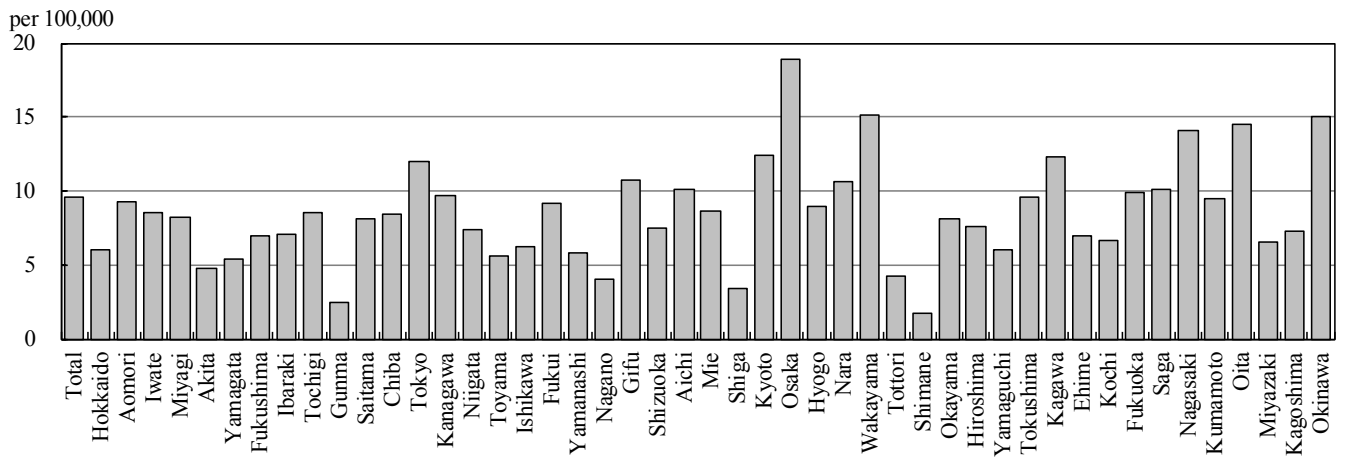


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2018

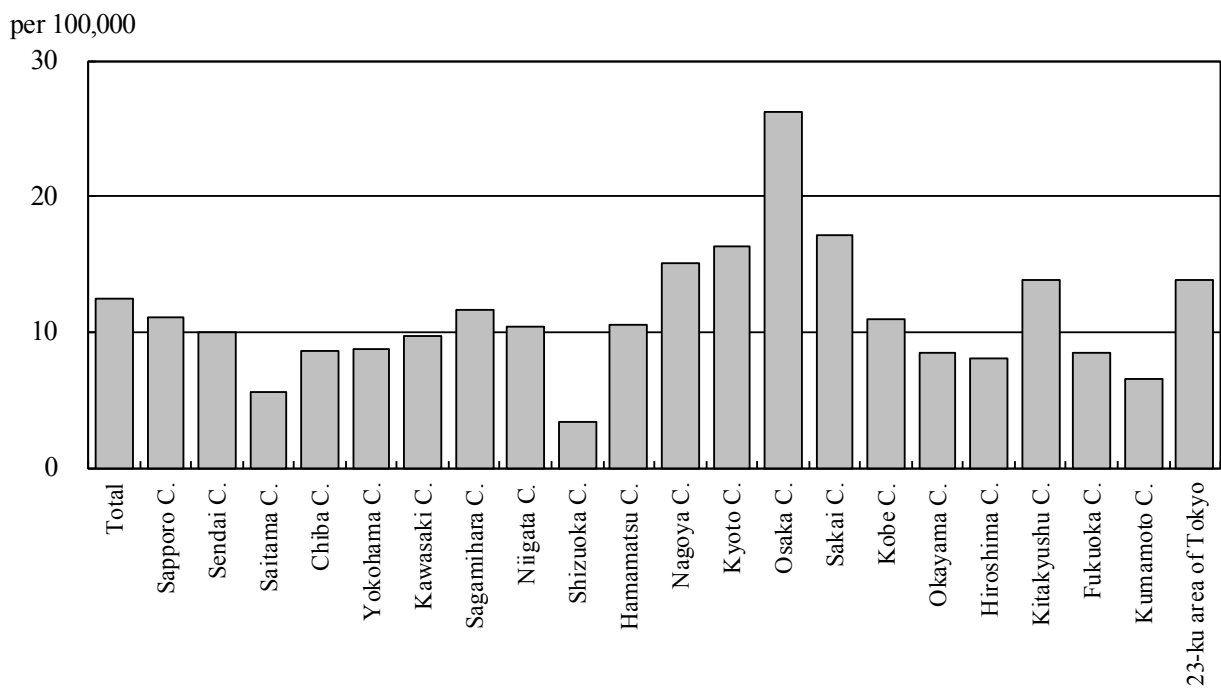


Figure 6. Number of LTBI, Japan, 2015-2018

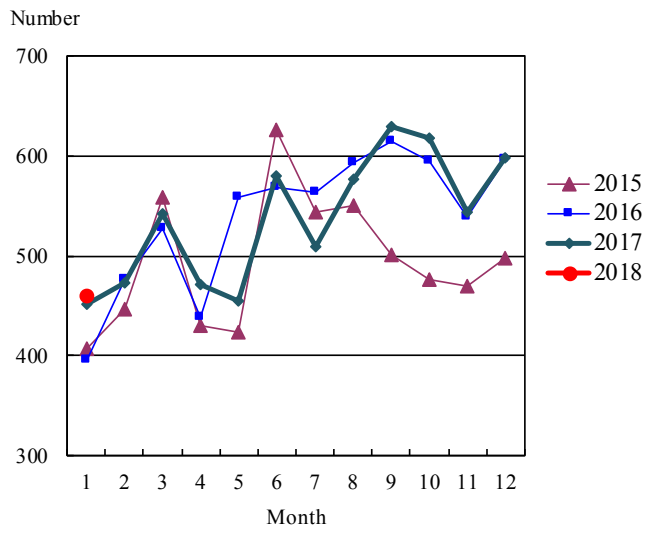


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2018

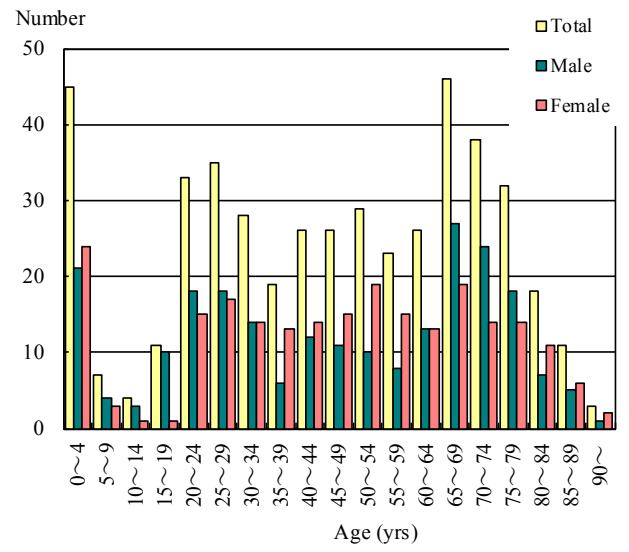


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,010	604	406	1,010	604	406	9.5	11.7	7.5
0~4	3	3	0	3	3	0	0.7	1.4	0.0
5~9	1	1	0	1	1	0	0.2	0.4	0.0
10~14	2	1	1	2	1	1	0.4	0.4	0.4
15~19	8	6	2	8	6	2	1.6	2.3	0.8
20~24	35	15	20	35	15	20	6.8	5.7	8.0
25~29	23	15	8	23	15	8	4.3	5.5	3.1
30~34	29	13	16	29	13	16	4.8	4.2	5.4
35~39	19	6	13	19	6	13	2.8	1.7	3.9
40~44	25	15	10	25	15	10	3.1	3.7	2.5
45~49	37	25	12	37	25	12	4.8	6.4	3.1
50~54	34	23	11	34	23	11	5.2	7.0	3.4
55~59	36	26	10	36	26	10	5.7	8.3	3.2
60~64	48	34	14	48	34	14	7.1	10.2	4.1
65~69	72	56	16	72	56	16	8.4	13.5	3.6
70~74	105	76	29	105	76	29	17.0	26.4	8.8
75~79	116	60	56	116	60	56	21.3	24.8	18.6
80~84	127	87	40	127	87	40	29.4	49.8	15.6
85~89	170	97	73	170	97	73	62.3	103.9	40.7
90~	120	45	75	120	45	75	74.7	118.9	61.1

Temporary registrants = 23, Total of registrants and temporary registrants = 1,033

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2018

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	363	231	132	363	231	132	3.4	4.5	2.4
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	3	0	3	3	0	0.6	1.2	0.0
20~24	9	3	6	9	3	6	1.8	1.1	2.4
25~29	8	5	3	8	5	3	1.5	1.8	1.2
30~34	4	2	2	4	2	2	0.7	0.7	0.7
35~39	7	1	6	7	1	6	1.0	0.3	1.8
40~44	4	3	1	4	3	1	0.5	0.7	0.3
45~49	10	10	0	10	10	0	1.3	2.6	0.0
50~54	15	9	6	15	9	6	2.3	2.7	1.8
55~59	13	11	2	13	11	2	2.1	3.5	0.6
60~64	18	15	3	18	15	3	2.6	4.5	0.9
65~69	31	26	5	31	26	5	3.6	6.3	1.1
70~74	42	30	12	42	30	12	6.8	10.4	3.6
75~79	50	23	27	50	23	27	9.2	9.5	9.0
80~84	46	34	12	46	34	12	10.7	19.5	4.7
85~89	63	38	25	63	38	25	23.1	40.7	13.9
90~	40	18	22	40	18	22	24.9	47.6	17.9

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2018

	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	1,010	363	1,010	363	9.5	3.4
Hokkaido	27	9	27	9	6.1	2.0
Aomori	10	3	10	3	9.3	2.8
Iwate	9	1	9	1	8.5	0.9
Miyagi	16	7	16	7	8.2	3.6
Akita	4	2	4	2	4.8	2.4
Yamagata	5	1	5	1	5.4	1.1
Fukushima	11	5	11	5	6.9	3.2
Ibaraki	17	7	17	7	7.0	2.9
Tochigi	14	3	14	3	8.5	1.8
Gunma	4	1	4	1	2.4	0.6
Saitama	49	15	49	15	8.1	2.5
Chiba	44	14	44	14	8.5	2.7
Tokyo	136	51	136	51	12.0	4.5
Kanagawa	74	33	74	33	9.7	4.3
Niigata	14	4	14	4	7.3	2.1
Toyama	5	1	5	1	5.7	1.1
Ishikawa	6	2	6	2	6.3	2.1
Fukui	6	3	6	3	9.2	4.6
Yamanashi	4	1	4	1	5.8	1.4
Nagano	7	3	7	3	4.0	1.7
Gifu	18	6	18	6	10.7	3.6
Shizuoka	23	8	23	8	7.5	2.6
Aichi	63	24	63	24	10.1	3.8
Mie	13	6	13	6	8.6	4.0
Shiga	4	1	4	1	3.4	0.8
Kyoto	27	10	27	10	12.4	4.6
Osaka	139	54	139	54	18.9	7.3
Hyogo	41	16	41	16	8.9	3.5
Nara	12	3	12	3	10.6	2.7
Wakayama	12	5	12	5	15.1	6.3
Tottori	2	1	2	1	4.2	2.1
Shimane	1	1	1	1	1.7	1.7
Okayama	13	2	13	2	8.1	1.3
Hiroshima	18	8	18	8	7.6	3.4
Yamaguchi	7	2	7	2	6.0	1.7
Tokushima	6	1	6	1	9.6	1.6
Kagawa	10	0	10	0	12.3	0.0
Ehime	8	3	8	3	7.0	2.6
Kochi	4	0	4	0	6.7	0.0
Fukuoka	42	16	42	16	9.9	3.8
Saga	7	2	7	2	10.1	2.9
Nagasaki	16	4	16	4	14.0	3.5
Kumamoto	14	6	14	6	9.5	4.1
Oita	14	8	14	8	14.5	8.3
Miyazaki	6	5	6	5	6.6	5.5
Kagoshima	10	2	10	2	7.3	1.5
Okinawa	18	3	18	3	15.0	2.5

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 4. Newly notified TB cases and rates by major city, Japan, 2018

	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	383	137	383	137	12.4	4.5
Sapporo City	18	2	18	2	11.0	1.2
Sendai City	9	4	9	4	10.0	4.4
Saitama City	6	2	6	2	5.6	1.9
Chiba City	7	1	7	1	8.6	1.2
Yokohama City	27	10	27	10	8.7	3.2
Kawasaki City	12	5	12	5	9.7	4.0
Sagamihara City	7	4	7	4	11.6	6.7
Niigata City	7	2	7	2	10.4	3.0
Shizuoka City	2	2	2	2	3.4	3.4
Hamamatsu City	7	2	7	2	10.5	3.0
Nagoya City	29	15	29	15	15.1	7.8
Kyoto City	20	5	20	5	16.3	4.1
Osaka City	59	22	59	22	26.2	9.8
Sakai City	12	5	12	5	17.2	7.2
Kobe City	14	2	14	2	10.9	1.6
Okayama City	5	1	5	1	8.5	1.7
Hiroshima City	8	2	8	2	8.0	2.0
Kitakyushu City	11	6	11	6	13.8	7.5
Fukuoka City	11	6	11	6	8.5	4.6
Kumamoto City	4	3	4	3	6.5	4.9
23-ku area of Tokyo	108	36	108	36	13.8	4.6

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

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, 2018

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	460	230	230	460	230	230	0.5	0.4	0.6
0~4	45	21	24	45	21	24	15.0	7.0	-
5~9	7	4	3	7	4	3	7.0	4.0	-
10~14	4	3	1	4	3	1	2.0	3.0	1.0
15~19	11	10	1	11	10	1	1.4	1.7	0.5
20~24	33	18	15	33	18	15	0.9	1.2	0.8
25~29	35	18	17	35	18	17	1.5	1.2	2.1
30~34	28	14	14	28	14	14	1.0	1.1	0.9
35~39	19	6	13	19	6	13	1.0	1.0	1.0
40~44	26	12	14	26	12	14	1.0	0.8	1.4
45~49	26	11	15	26	11	15	0.7	0.4	1.3
50~54	29	10	19	29	10	19	0.9	0.4	1.7
55~59	23	8	15	23	8	15	0.6	0.3	1.5
60~64	26	13	13	26	13	13	0.5	0.4	0.9
65~69	46	27	19	46	27	19	0.6	0.5	1.2
70~74	38	24	14	38	24	14	0.4	0.3	0.5
75~79	32	18	14	32	18	14	0.3	0.3	0.3
80~84	18	7	11	18	7	11	0.1	0.1	0.3
85~89	11	5	6	11	5	6	0.1	0.1	0.1
90~	3	1	2	3	1	2	0.0	0.0	0.0

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, 2018

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	460	460	0.46
Hokkaido	10	10	0.37
Aomori	1	1	0.10
Iwate	2	2	0.22
Miyagi	6	6	0.38
Akita	2	2	0.50
Yamagata	0	0	0.00
Fukushima	2	2	0.18
Ibaraki	3	3	0.18
Tochigi	4	4	0.29
Gunma	3	3	0.75
Saitama	26	26	0.53
Chiba	28	28	0.64
Tokyo	68	68	0.50
Kanagawa	39	39	0.53
Niigata	6	6	0.43
Toyama	7	7	1.40
Ishikawa	3	3	0.50
Fukui	1	1	0.17
Yamanashi	1	1	0.25
Nagano	4	4	0.57
Gifu	5	5	0.28
Shizuoka	5	5	0.22
Aichi	33	33	0.52
Mie	3	3	0.23
Shiga	6	6	1.50
Kyoto	11	11	0.41
Osaka	59	59	0.42
Hyogo	20	20	0.49
Nara	4	4	0.33
Wakayama	3	3	0.25
Tottori	4	4	2.00
Shimane	0	0	0.00
Okayama	11	11	0.85
Hiroshima	10	10	0.56
Yamaguchi	1	1	0.14
Tokushima	1	1	0.17
Kagawa	2	2	0.20
Ehime	5	5	0.63
Kochi	0	0	0.00
Fukuoka	25	25	0.60
Saga	3	3	0.43
Nagasaki	2	2	0.13
Kumamoto	3	3	0.21
Oita	5	5	0.36
Miyazaki	2	2	0.33
Kagoshima	9	9	0.90
Okinawa	12	12	0.67

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, 2018

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	157	157	0.41
Sapporo City	6	6	0.33
Sendai City	4	4	0.44
Saitama City	4	4	0.67
Chiba City	8	8	1.14
Yokohama City	11	11	0.41
Kawasaki City	11	11	0.92
Sagamihara City	1	1	0.14
Niigata City	3	3	0.43
Shizuoka City	0	0	0.00
Hamamatsu City	2	2	0.29
Nagoya City	8	8	0.28
Kyoto City	8	8	0.40
Osaka City	21	21	0.36
Sakai City	3	3	0.25
Kobe City	6	6	0.43
Okayama City	8	8	1.60
Hiroshima City	0	0	0.00
Kitakyushu City	3	3	0.27
Fukuoka City	3	3	0.27
Kumamoto City	2	2	0.50
23-ku area of Tokyo	45	45	0.42

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