Monthly Report of Tuberculosis Surveillance, Japan – January, 2019

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, 2016-2019

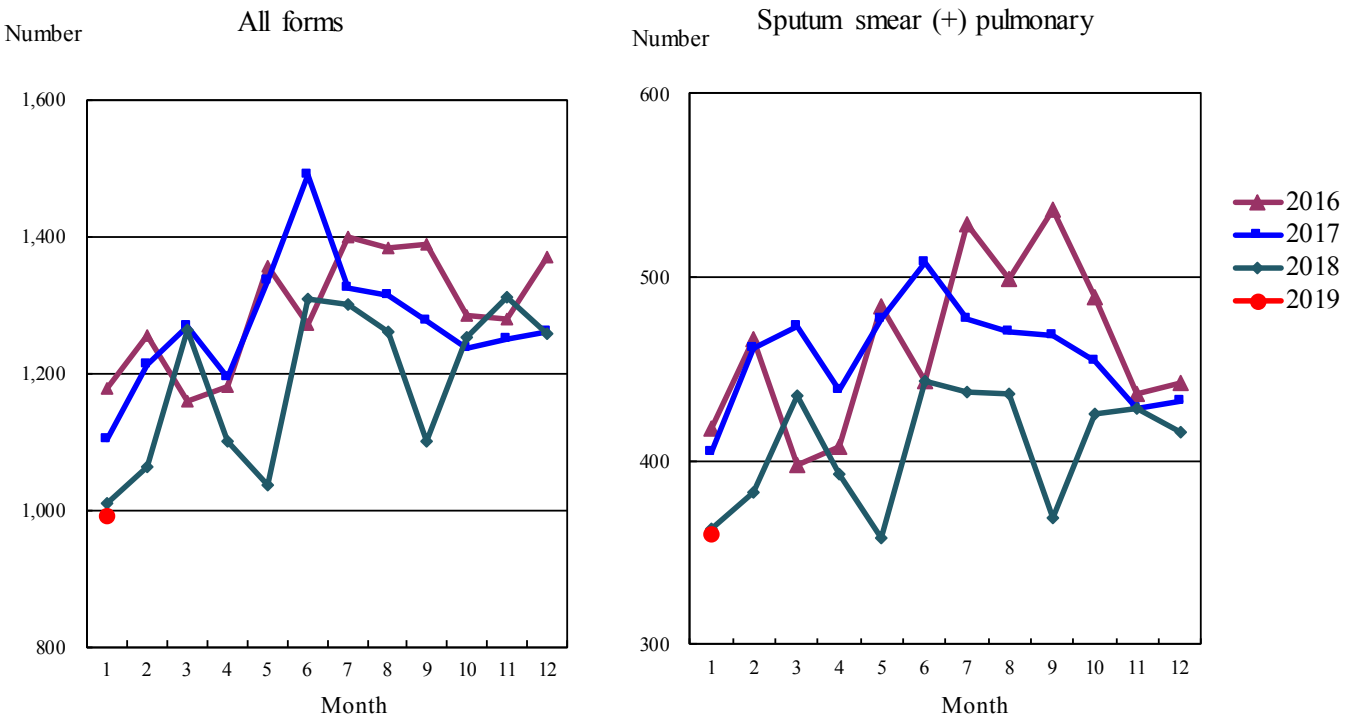

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2019

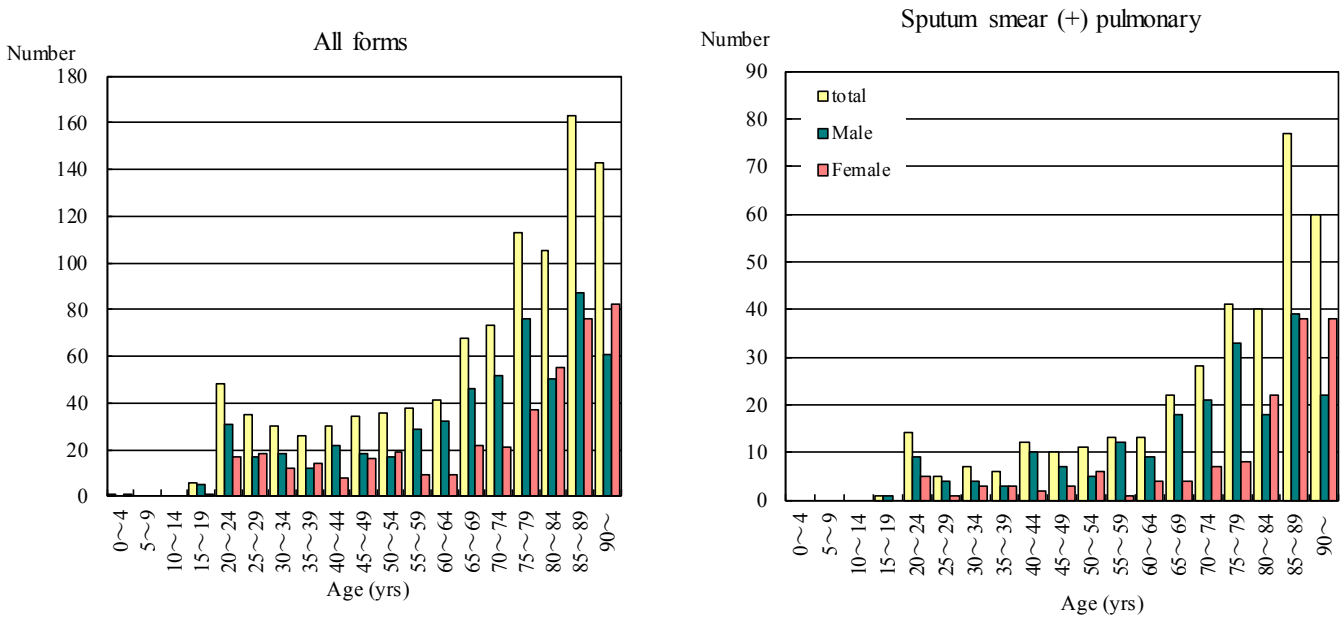

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2019

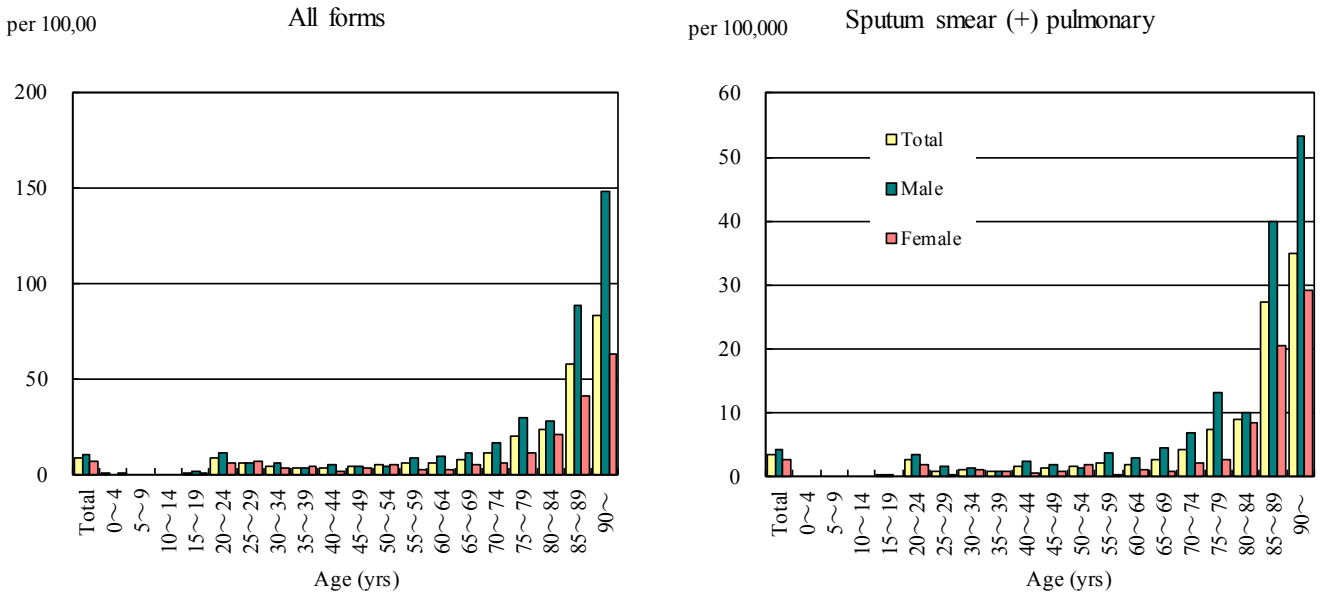

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2019

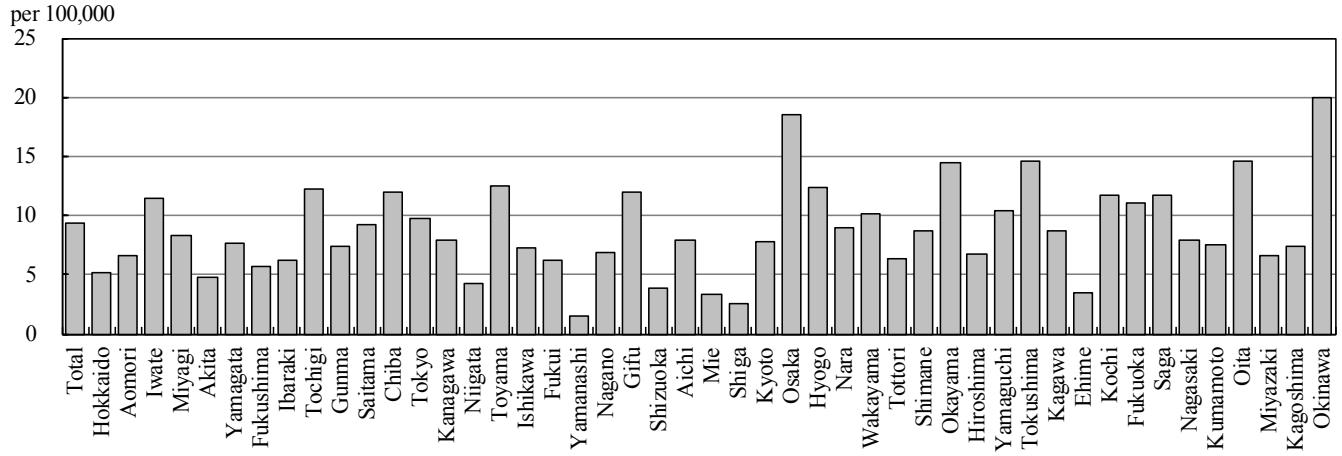

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2019

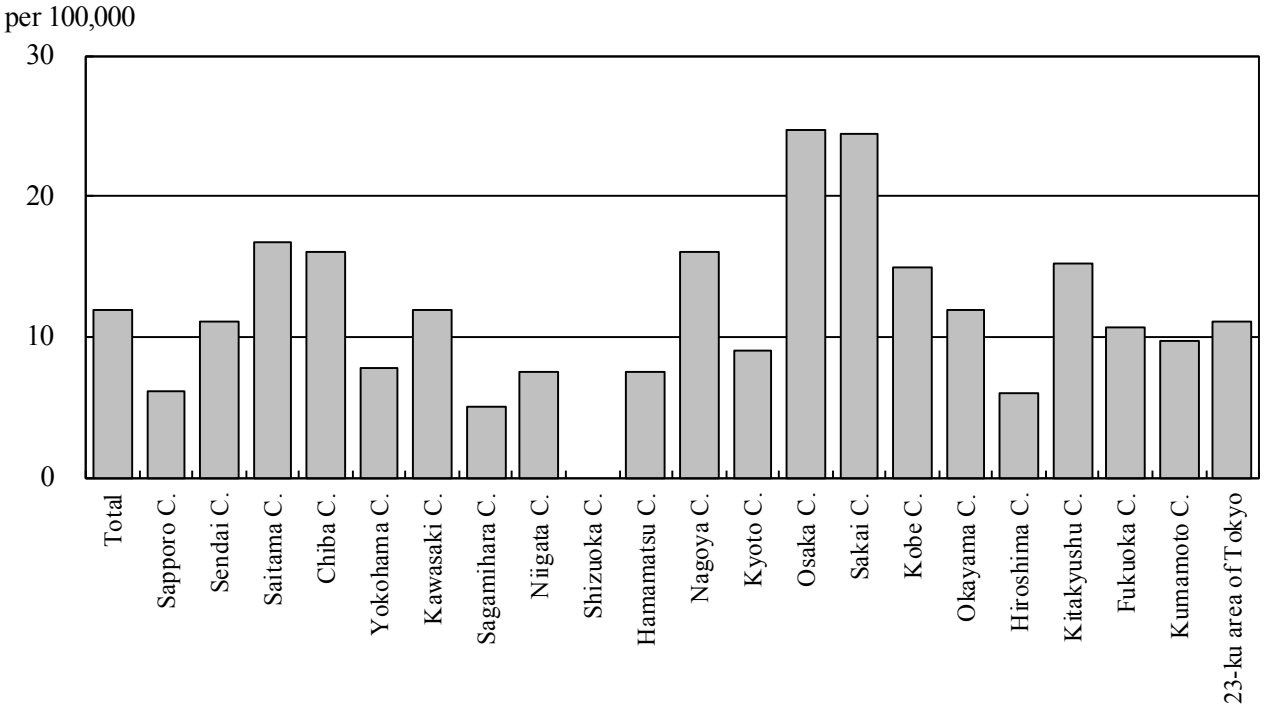

Figure 6.Number of LTBI, Japan, 2016-2019

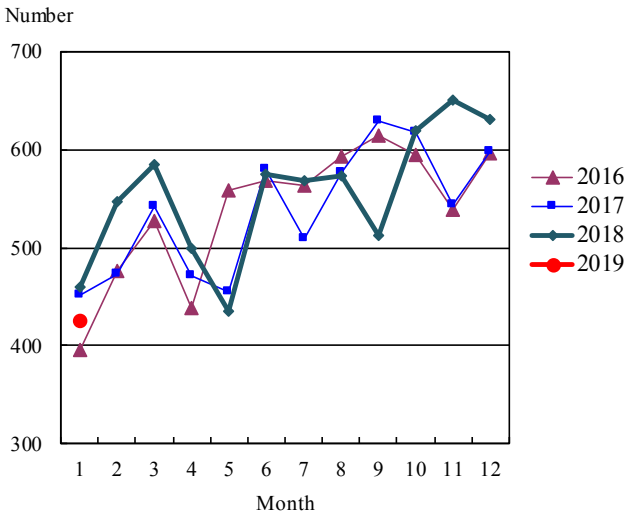

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2019

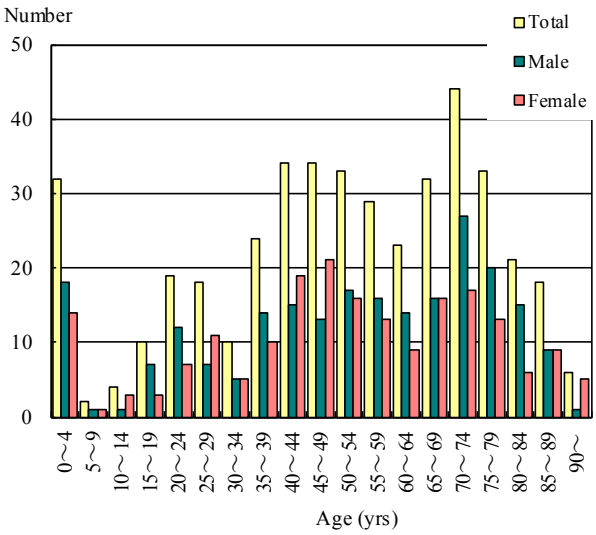

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2019

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	990	573	417	990	573	417	9.4	11.2	7.7
0～4	1	0	1	1	0	1	0.2	0.0	0.5
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	6	5	1	6	5	1	1.2	1.9	0.4
20～24	48	31	17	48	31	17	9.2	11.6	6.7
25～29	35	17	18	35	17	18	6.7	6.3	7.0
30～34	30	18	12	30	18	12	5.1	6.0	4.1
35～39	26	12	14	26	12	14	4.0	3.6	4.3
40～44	30	22	8	30	22	8	3.8	5.5	2.1
45～49	34	18	16	34	18	16	4.3	4.5	4.1
50～54	36	17	19	36	17	19	5.3	5.0	5.6
55～59	38	29	9	38	29	9	6.0	9.2	2.8
60～64	41	32	9	41	32	9	6.3	10.0	2.7
65～69	68	46	22	68	46	22	8.2	11.5	5.2
70～74	73	52	21	73	52	21	11.3	17.2	6.1
75～79	113	76	37	113	76	37	20.1	30.3	11.9
80～84	105	50	55	105	50	55	23.8	27.8	21.0
85～89	163	87	76	163	87	76	57.6	89.0	41.0
90～	143	61	82	143	61	82	83.5	147.6	63.1

Temporary registrants = 40, Total of registrants and temporary registrants = 1,030
Rate: summation / (population*1/12)*100,000
Population: as of 1st Oct. 2017

Table 2. Newly notified sputum smear positive pulmonary TB cases ans rates by sex and age, Japan, 2019

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	360	215	145	360	215	145	3.4	4.2	2.7
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	14	9	5	14	9	5	2.7	3.4	2.0
25～29	5	4	1	5	4	1	1.0	1.5	0.4
30～34	7	4	3	7	4	3	1.2	1.3	1.0
35～39	6	3	3	6	3	3	0.9	0.9	0.9
40～44	12	10	2	12	10	2	1.5	2.5	0.5
45～49	10	7	3	10	7	3	1.3	1.8	0.8
50～54	11	5	6	11	5	6	1.6	1.5	1.8
55～59	13	12	1	13	12	1	2.1	3.8	0.3
60～64	13	9	4	13	9	4	2.0	2.8	1.2
65～69	22	18	4	22	18	4	2.7	4.5	0.9
70～74	28	21	7	28	21	7	4.3	6.9	2.0
75～79	41	33	8	41	33	8	7.3	13.2	2.6
80～84	40	18	22	40	18	22	9.1	10.0	8.4
85～89	77	39	38	77	39	38	27.2	39.9	20.5
90～	60	22	38	60	22	38	35.0	53.2	29.3

Rate: summation / (population*1/12)*100,000
Population: as of 1st Oct. 2017

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2019

	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	990	360	990	360	9.4	3.4
Hokkaido	23	10	23	10	5.2	2.3
Aomori	7	2	7	2	6.6	1.9
Iwate	12	7	12	7	11.5	6.7
Miyagi	16	5	16	5	8.3	2.6
Akita	4	3	4	3	4.8	3.6
Yamagata	7	4	7	4	7.6	4.4
Fukushima	9	6	9	6	5.7	3.8
Ibaraki	15	6	15	6	6.2	2.5
Tochigi	20	7	20	7	12.3	4.3
Gunma	12	3	12	3	7.3	1.8
Saitama	56	19	56	19	9.2	3.1
Chiba	62	20	62	20	11.9	3.8
Tokyo	111	37	111	37	9.7	3.2
Kanagawa	60	24	60	24	7.9	3.1
Niigata	8	1	8	1	4.2	0.5
Toyama	11	1	11	1	12.5	1.1
Ishikawa	7	3	7	3	7.3	3.1
Fukui	4	0	4	0	6.2	0.0
Yamanashi	1	1	1	1	1.5	1.5
Nagano	12	4	12	4	6.9	2.3
Gifu	20	7	20	7	12.0	4.2
Shizuoka	12	3	12	3	3.9	1.0
Aichi	50	18	50	18	8.0	2.9
Mie	5	2	5	2	3.3	1.3
Shiga	3	2	3	2	2.5	1.7
Kyoto	17	3	17	3	7.8	1.4
Osaka	136	53	136	53	18.5	7.2
Hyogo	57	29	57	29	12.4	6.3
Nara	10	2	10	2	8.9	1.8
Wakayama	8	2	8	2	10.2	2.5
Tottori	3	0	3	0	6.4	0.0
Shimane	5	2	5	2	8.8	3.5
Okayama	23	6	23	6	14.5	3.8
Hiroshima	16	6	16	6	6.8	2.5
Yamaguchi	12	3	12	3	10.4	2.6
Tokushima	9	2	9	2	14.5	3.2
Kagawa	7	3	7	3	8.7	3.7
Ehime	4	1	4	1	3.5	0.9
Kochi	7	1	7	1	11.8	1.7
Fukuoka	47	19	47	19	11.0	4.5
Saga	8	2	8	2	11.7	2.9
Nagasaki	9	2	9	2	8.0	1.8
Kumamoto	11	4	11	4	7.5	2.7
Oita	14	4	14	4	14.6	4.2
Miyazaki	6	4	6	4	6.6	4.4
Kagoshima	10	6	10	6	7.4	4.4
Okinawa	24	11	24	11	20.0	9.1

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

Population: as of 1st Oct. 2017

Table 4. Newly notified TB cases and rates by major city, Japan, 2019

	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	369	130	369	130	11.9	4.2
Sapporo City	10	4	10	4	6.1	2.4
Sendai City	10	3	10	3	11.0	3.3
Saitama City	18	6	18	6	16.7	5.6
Chiba City	13	4	13	4	16.0	4.9
Yokohama City	24	7	24	7	7.7	2.3
Kawasaki City	15	6	15	6	12.0	4.8
Sagamihara City	3	1	3	1	5.0	1.7
Niigata City	5	1	5	1	7.5	1.5
Shizuoka City	0	0	0	0	0.0	0.0
Hamamatsu City	5	0	5	0	7.5	0.0
Nagoya City	31	10	31	10	16.1	5.2
Kyoto City	11	2	11	2	9.0	1.6
Osaka City	56	26	56	26	24.8	11.5
Sakai City	17	7	17	7	24.5	10.1
Kobe City	19	6	19	6	14.9	4.7
Okayama City	7	1	7	1	11.8	1.7
Hiroshima City	6	1	6	1	6.0	1.0
Kitakyushu City	12	5	12	5	15.1	6.3
Fukuoka City	14	8	14	8	10.7	6.1
Kumamoto City	6	3	6	3	9.7	4.9
23-ku area of Tokyo	87	29	87	29	11.1	3.7

Rate: summation / (population*1/12)*100,000 Population: as of 1st Oct. 2017

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, 2019

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	426	228	198	426	228	198	0.4	0.4	0.5
0～4	32	18	14	32	18	14	32.0	-	14.0
5～9	2	1	1	2	1	1	-	-	-
10～14	4	1	3	4	1	3	-	-	-
15～19	10	7	3	10	7	3	1.7	1.4	3.0
20～24	19	12	7	19	12	7	0.4	0.4	0.4
25～29	18	7	11	18	7	11	0.5	0.4	0.6
30～34	10	5	5	10	5	5	0.3	0.3	0.4
35～39	24	14	10	24	14	10	0.9	1.2	0.7
40～44	34	15	19	34	15	19	1.1	0.7	2.4
45～49	34	13	21	34	13	21	1.0	0.7	1.3
50～54	33	17	16	33	17	16	0.9	1.0	0.8
55～59	29	16	13	29	16	13	0.8	0.6	1.4
60～64	23	14	9	23	14	9	0.6	0.4	1.0
65～69	32	16	16	32	16	16	0.5	0.3	0.7
70～74	44	27	17	44	27	17	0.6	0.5	0.8
75～79	33	20	13	33	20	13	0.3	0.3	0.4
80～84	21	15	6	21	15	6	0.2	0.3	0.1
85～89	18	9	9	18	9	9	0.1	0.1	0.1
90～	6	1	5	6	1	5	0.0	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, 2019

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	426	426	0.43
Hokkaido	14	14	0.61
Aomori	5	5	0.71
Iwate	5	5	0.42
Miyagi	14	14	0.88
Akita	0	0	0.00
Yamagata	1	1	0.14
Fukushima	0	0	0.00
Ibaraki	18	18	1.20
Tochigi	2	2	0.10
Gunma	2	2	0.17
Saitama	37	37	0.66
Chiba	23	23	0.37
Tokyo	45	45	0.41
Kanagawa	29	29	0.48
Niigata	1	1	0.13
Toyama	3	3	0.27
Ishikawa	3	3	0.43
Fukui	0	0	0.00
Yamanashi	1	1	1.00
Nagano	10	10	0.83
Gifu	8	8	0.40
Shizuoka	6	6	0.50
Aichi	19	19	0.38
Mie	1	1	0.20
Shiga	8	8	2.67
Kyoto	12	12	0.71
Osaka	56	56	0.41
Hyogo	17	17	0.30
Nara	4	4	0.40
Wakayama	1	1	0.13
Tottori	0	0	0.00
Shimane	2	2	0.40
Okayama	3	3	0.13
Hiroshima	8	8	0.50
Yamaguchi	4	4	0.33
Tokushima	1	1	0.11
Kagawa	3	3	0.43
Ehime	1	1	0.25
Kochi	2	2	0.29
Fukuoka	21	21	0.45
Saga	1	1	0.13
Nagasaki	2	2	0.22
Kumamoto	2	2	0.18
Oita	9	9	0.64
Miyazaki	4	4	0.67
Kagoshima	10	10	1.00
Okinawa	8	8	0.33

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, 2019

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	159	159	0.43
Sapporo City	9	9	0.90
Sendai City	10	10	1.00
Saitama City	8	8	0.44
Chiba City	1	1	0.08
Yokohama City	8	8	0.33
Kawasaki City	13	13	0.87
Sagamihara City	1	1	0.33
Niigata City	1	1	0.20
Shizuoka City	0	0	-
Hamamatsu City	0	0	0.00
Nagoya City	11	11	0.35
Kyoto City	12	12	1.09
Osaka City	27	27	0.48
Sakai City	3	3	0.18
Kobe City	7	7	0.37
Okayama City	0	0	0.00
Hiroshima City	3	3	0.50
Kitakyushu City	4	4	0.33
Fukuoka City	7	7	0.50
Kumamoto City	1	1	0.17
23-ku area of Tokyo	33	33	0.38

LTBI: Latent TB Infection

Number of LTBI is not included in the newly nottified TB patients,

Major city: city with a population of one million or more

Table 7 is a re-count of Table 6