



Monthly Report of Tuberculosis Surveillance, Japan – January, 2017

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, 2014-2017

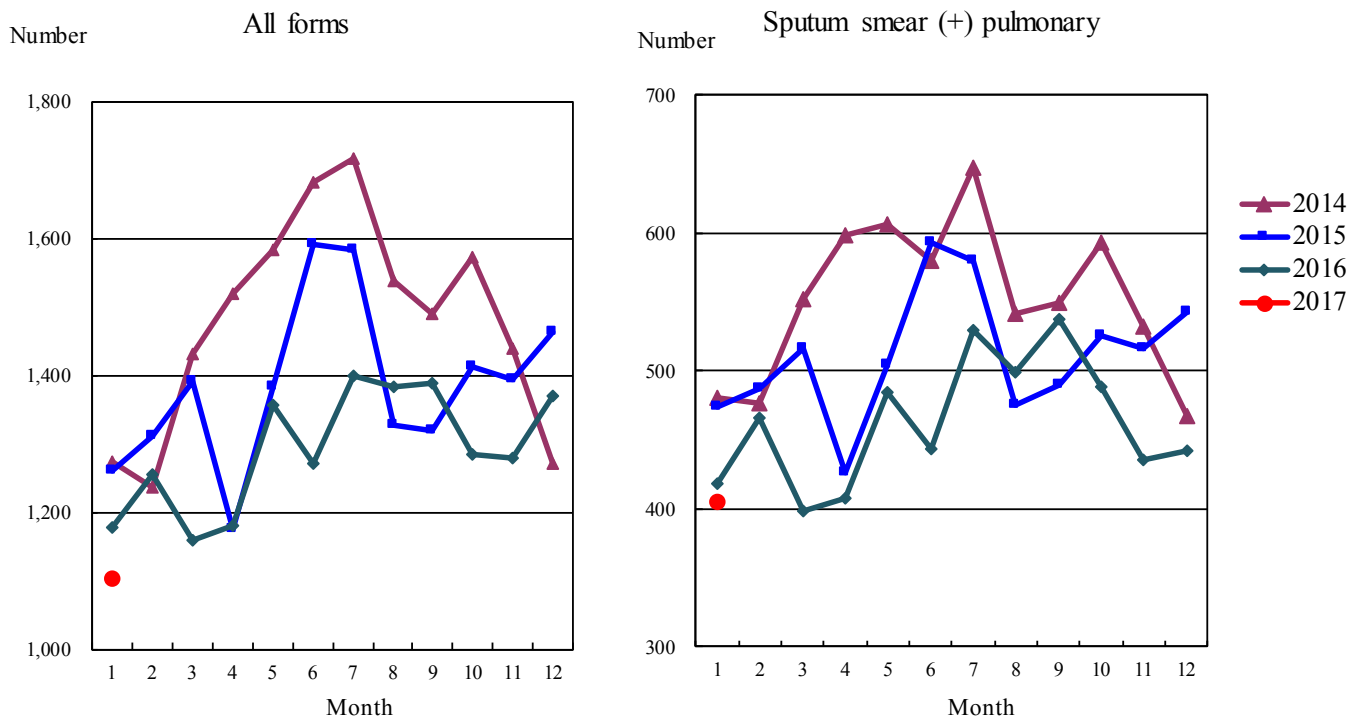


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jan.) 2017

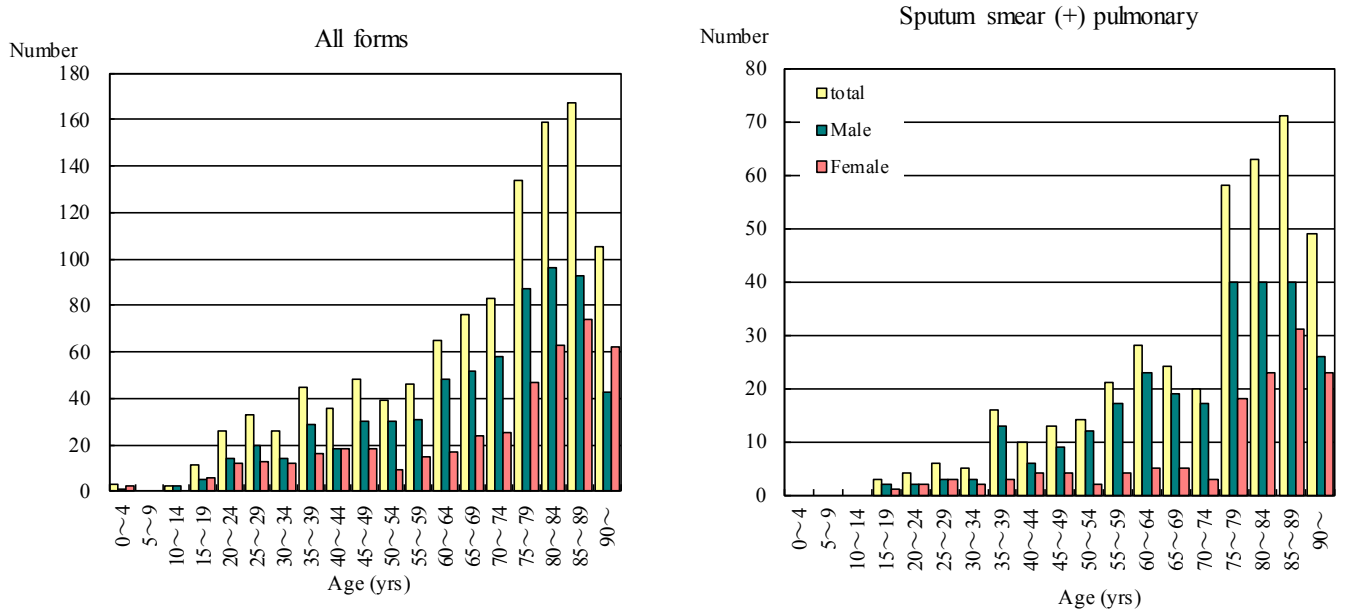


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jan.) 2017

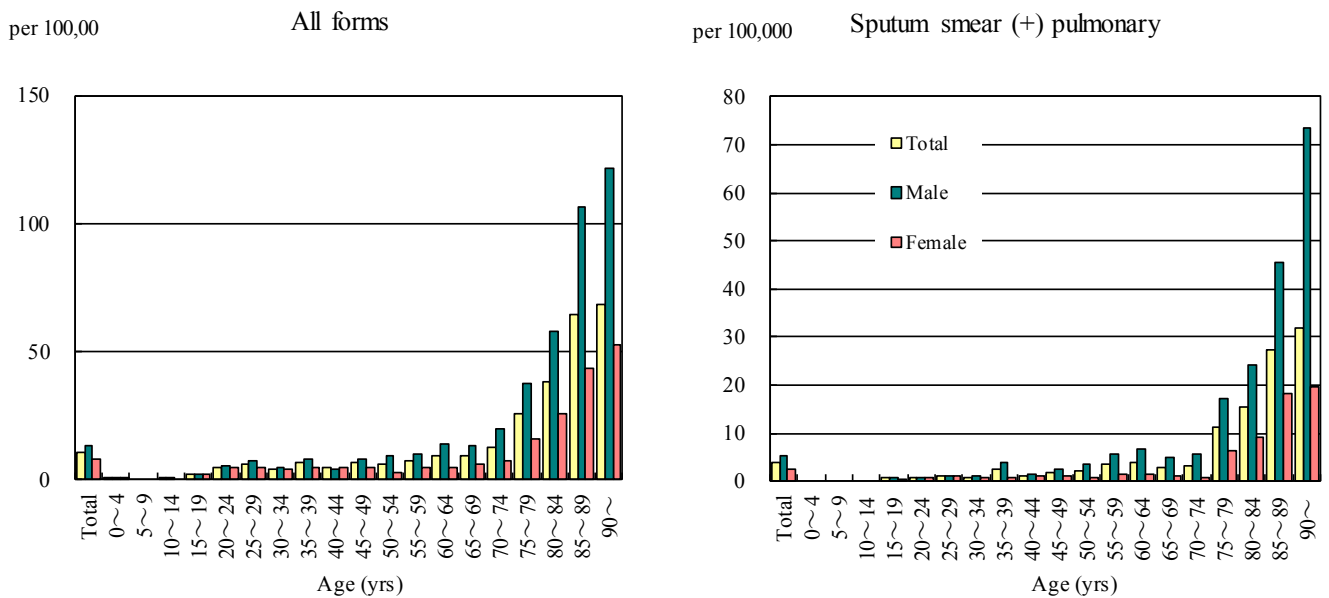


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jan.) 2017

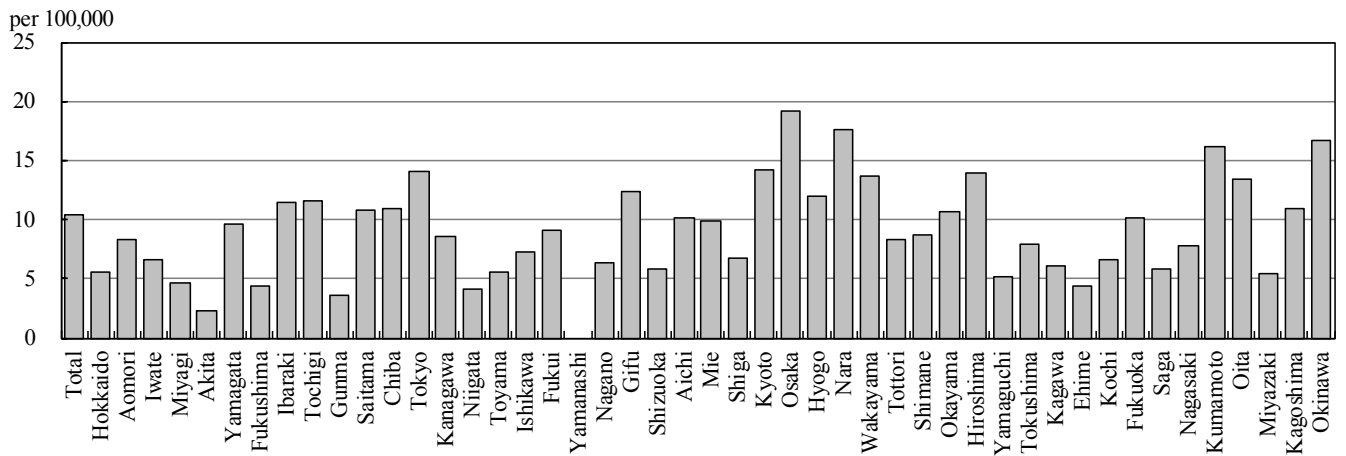


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jan.) 2017

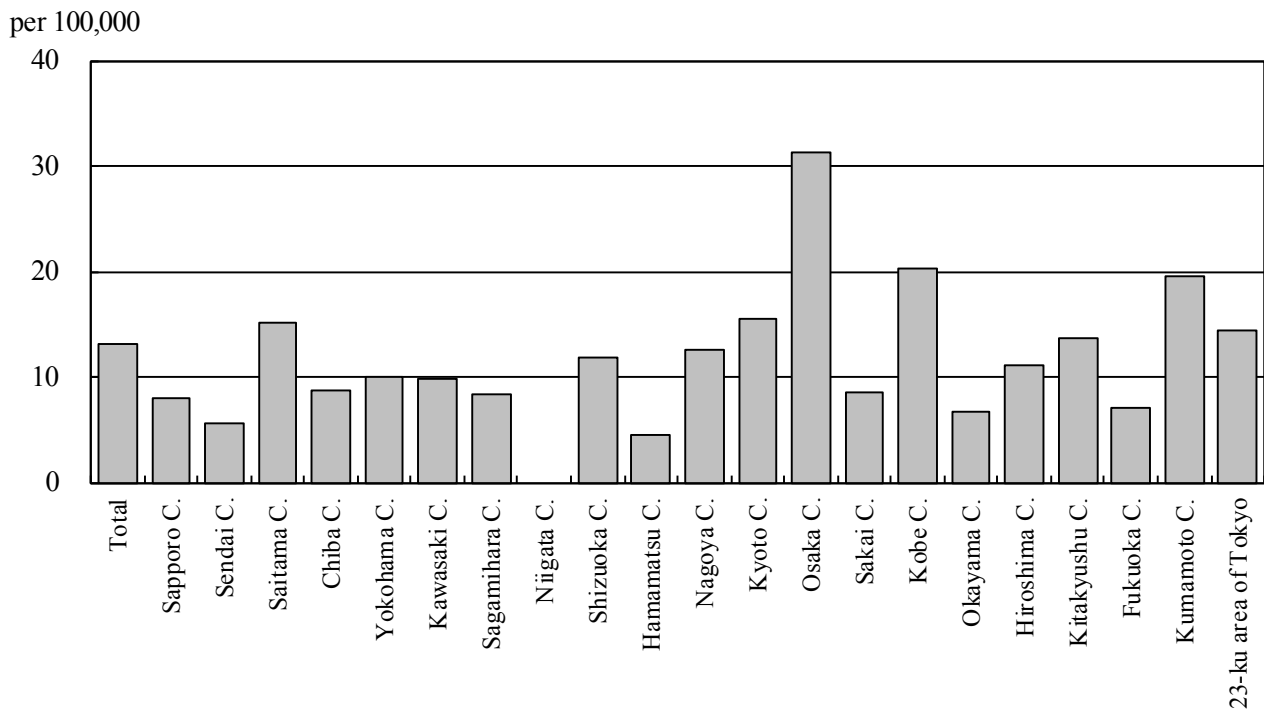


Figure 6. Number of LTBI, Japan, 2014-2017

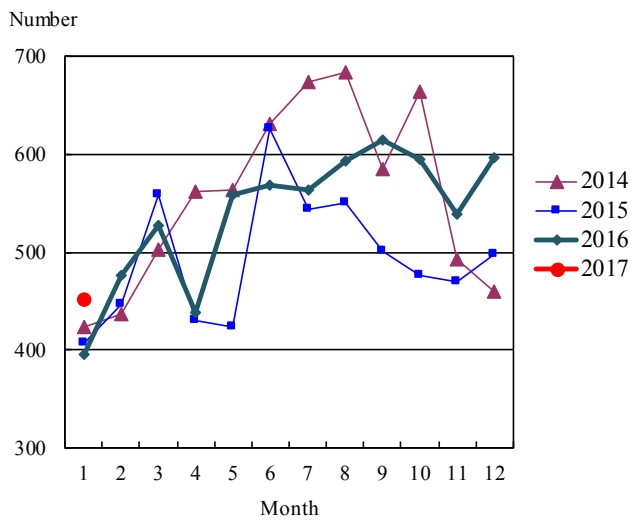


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jan.) 2017

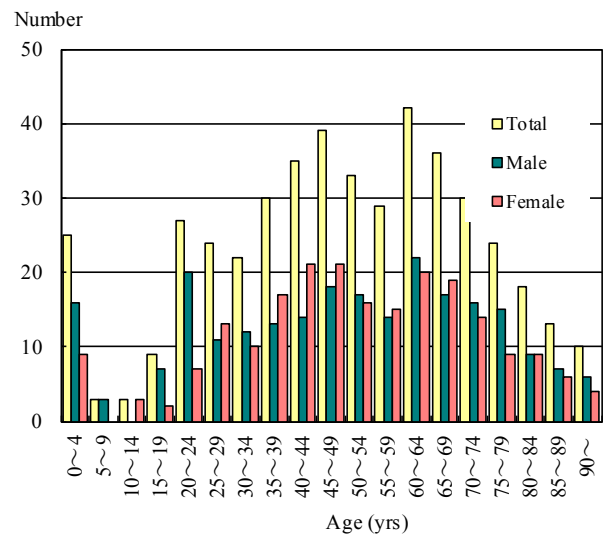


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2017

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,104	671	433	1,104	671	433	10.4	13.0	8.0
0~4	3	1	2	3	1	2	0.7	0.5	1.0
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	2	2	0	2	2	0	0.4	0.9	0.0
15~19	11	5	6	11	5	6	2.2	2.0	2.5
20~24	26	14	12	26	14	12	5.1	5.3	4.8
25~29	33	20	13	33	20	13	6.2	7.3	5.0
30~34	26	14	12	26	14	12	4.3	4.6	4.0
35~39	45	29	16	45	29	16	6.6	8.4	4.7
40~44	36	18	18	36	18	18	4.5	4.4	4.5
45~49	48	30	18	48	30	18	6.7	8.3	5.0
50~54	39	30	9	39	30	9	5.9	9.1	2.7
55~59	46	31	15	46	31	15	7.4	10.1	4.8
60~64	65	48	17	65	48	17	9.3	14.0	4.8
65~69	76	52	24	76	52	24	9.5	13.5	5.8
70~74	83	58	25	83	58	25	13.0	19.6	7.3
75~79	134	87	47	134	87	47	25.6	37.6	16.1
80~84	159	96	63	159	96	63	38.5	58.1	25.5
85~89	167	93	74	167	93	74	64.5	106.2	43.2
90~	105	43	62	105	43	62	68.5	121.8	52.6

Temporary registrants = 40, Total of registrants and temporary registrants = 1,144

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

Population: as of 1st Oct. 2015

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2017

	Jan.			Summation (Jan.-Jan.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	405	272	133	405	272	133	3.8	5.3	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	2	1	3	2	1	0.6	0.8	0.4
20~24	4	2	2	4	2	2	0.8	0.8	0.8
25~29	6	3	3	6	3	3	1.1	1.1	1.1
30~34	5	3	2	5	3	2	0.8	1.0	0.7
35~39	16	13	3	16	13	3	2.3	3.7	0.9
40~44	10	6	4	10	6	4	1.2	1.5	1.0
45~49	13	9	4	13	9	4	1.8	2.5	1.1
50~54	14	12	2	14	12	2	2.1	3.7	0.6
55~59	21	17	4	21	17	4	3.4	5.5	1.3
60~64	28	23	5	28	23	5	4.0	6.7	1.4
65~69	24	19	5	24	19	5	3.0	4.9	1.2
70~74	20	17	3	20	17	3	3.1	5.7	0.9
75~79	58	40	18	58	40	18	11.1	17.3	6.2
80~84	63	40	23	63	40	23	15.3	24.2	9.3
85~89	71	40	31	71	40	31	27.4	45.7	18.1
90~	49	26	23	49	26	23	32.0	73.6	19.5

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

Population: as of 1st Oct. 2015

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2017

	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	1,104	405	1,104	405	10.4	3.8
Hokkaido	25	8	25	8	5.6	1.8
Aomori	9	4	9	4	8.3	3.7
Iwate	7	3	7	3	6.6	2.8
Miyagi	9	3	9	3	4.6	1.5
Akita	2	1	2	1	2.3	1.2
Yamagata	9	6	9	6	9.6	6.4
Fukushima	7	3	7	3	4.4	1.9
Ibaraki	28	10	28	10	11.5	4.1
Tochigi	19	8	19	8	11.5	4.9
Gunma	6	1	6	1	3.6	0.6
Saitama	65	24	65	24	10.7	4.0
Chiba	57	22	57	22	11.0	4.2
Tokyo	159	62	159	62	14.1	5.5
Kanagawa	65	17	65	17	8.5	2.2
Niigata	8	4	8	4	4.2	2.1
Toyama	5	1	5	1	5.6	1.1
Ishikawa	7	2	7	2	7.3	2.1
Fukui	6	4	6	4	9.1	6.1
Yamanashi	0	0	0	0	0.0	0.0
Nagano	11	2	11	2	6.3	1.1
Gifu	21	5	21	5	12.4	3.0
Shizuoka	18	7	18	7	5.8	2.3
Aichi	63	22	63	22	10.1	3.5
Mie	15	7	15	7	9.9	4.6
Shiga	8	2	8	2	6.8	1.7
Kyoto	31	16	31	16	14.3	7.4
Osaka	141	57	141	57	19.1	7.7
Hyogo	55	16	55	16	11.9	3.5
Nara	20	8	20	8	17.6	7.0
Wakayama	11	4	11	4	13.7	5.0
Tottori	4	3	4	3	8.4	6.3
Shimane	5	3	5	3	8.6	5.2
Okayama	17	4	17	4	10.6	2.5
Hiroshima	33	14	33	14	13.9	5.9
Yamaguchi	6	1	6	1	5.1	0.9
Tokushima	5	1	5	1	7.9	1.6
Kagawa	5	4	5	4	6.1	4.9
Ehime	5	1	5	1	4.3	0.9
Kochi	4	0	4	0	6.6	0.0
Fukuoka	43	13	43	13	10.1	3.1
Saga	4	2	4	2	5.8	2.9
Nagasaki	9	6	9	6	7.8	5.2
Kumamoto	24	6	24	6	16.1	4.0
Oita	13	4	13	4	13.4	4.1
Miyazaki	5	2	5	2	5.4	2.2
Kagoshima	15	7	15	7	10.9	5.1
Okinawa	20	5	20	5	16.7	4.2

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

Population: as of 1st Oct. 2015

Table 4. Newly notified TB cases and rates by major city, Japan, 2017

	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	402	146	402	146	13.1	4.8
Sapporo City	13	4	13	4	8.0	2.5
Sendai City	5	3	5	3	5.5	3.3
Saitama City	16	7	16	7	15.1	6.6
Chiba City	7	4	7	4	8.6	4.9
Yokohama City	31	10	31	10	10.0	3.2
Kawasaki City	12	2	12	2	9.8	1.6
Sagamihara City	5	0	5	0	8.3	0.0
Niigata City	0	0	0	0	0.0	0.0
Shizuoka City	7	2	7	2	11.9	3.4
Hamamatsu City	3	1	3	1	4.5	1.5
Nagoya City	24	6	24	6	12.5	3.1
Kyoto City	19	9	19	9	15.5	7.3
Osaka City	70	30	70	30	31.2	13.4
Sakai City	6	4	6	4	8.6	5.7
Kobe City	26	8	26	8	20.3	6.2
Okayama City	4	0	4	0	6.8	0.0
Hiroshima City	11	5	11	5	11.1	5.0
Kitakyushu City	11	3	11	3	13.7	3.7
Fukuoka City	9	4	9	4	7.0	3.1
Kumamoto City	12	4	12	4	19.5	6.5
23-ku area of Tokyo	111	40	111	40	14.4	5.2

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

Population: as of 1st Oct. 2015

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, 2017

	Jan.			Summation (Jan.-Jan.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	452	237	215	452	237	215	0.4	0.4	0.5
0~4	25	16	9	25	16	9	8.3	16.0	4.5
5~9	3	3	0	3	3	0	-	-	-
10~14	3	0	3	3	0	3	1.5	0.0	-
15~19	9	7	2	9	7	2	0.8	1.4	0.3
20~24	27	20	7	27	20	7	1.0	1.4	0.6
25~29	24	11	13	24	11	13	0.7	0.6	1.0
30~34	22	12	10	22	12	10	0.8	0.9	0.8
35~39	30	13	17	30	13	17	0.7	0.4	1.1
40~44	35	14	21	35	14	21	1.0	0.8	1.2
45~49	39	18	21	39	18	21	0.8	0.6	1.2
50~54	33	17	16	33	17	16	0.8	0.6	1.8
55~59	29	14	15	29	14	15	0.6	0.5	1.0
60~64	42	22	20	42	22	20	0.6	0.5	1.2
65~69	36	17	19	36	17	19	0.5	0.3	0.8
70~74	30	16	14	30	16	14	0.4	0.3	0.6
75~79	24	15	9	24	15	9	0.2	0.2	0.2
80~84	18	9	9	18	9	9	0.1	0.1	0.1
85~89	13	7	6	13	7	6	0.1	0.1	0.1
90~	10	6	4	10	6	4	0.1	0.1	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, 2017

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	452	452	0.41
Hokkaido	16	16	0.64
Aomori	16	16	1.78
Iwate	5	5	0.71
Miyagi	6	6	0.67
Akita	4	4	2.00
Yamagata	4	4	0.44
Fukushima	6	6	0.86
Ibaraki	6	6	0.21
Tochigi	2	2	0.11
Gunma	3	3	0.50
Saitama	21	21	0.32
Chiba	41	41	0.72
Tokyo	63	63	0.40
Kanagawa	18	18	0.28
Niigata	2	2	0.25
Toyama	2	2	0.40
Ishikawa	2	2	0.29
Fukui	4	4	0.67
Yamanashi	3	3	-
Nagano	12	12	1.09
Gifu	10	10	0.48
Shizuoka	8	8	0.44
Aichi	21	21	0.33
Mie	5	5	0.33
Shiga	7	7	0.88
Kyoto	7	7	0.23
Osaka	45	45	0.32
Hyogo	12	12	0.22
Nara	7	7	0.35
Wakayama	2	2	0.18
Tottori	0	0	0.00
Shimane	1	1	0.20
Okayama	18	18	1.06
Hiroshima	8	8	0.24
Yamaguchi	7	7	1.17
Tokushima	2	2	0.40
Kagawa	2	2	0.40
Ehime	5	5	1.00
Kochi	1	1	0.25
Fukuoka	17	17	0.40
Saga	0	0	0.00
Nagasaki	2	2	0.22
Kumamoto	1	1	0.04
Oita	5	5	0.38
Miyazaki	6	6	1.20
Kagoshima	4	4	0.27
Okinawa	13	13	0.65

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, 2017

	Jan.	Summation (Jan.-Jan.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	162	162	0.40
Sapporo City	10	10	0.77
Sendai City	3	3	0.60
Saitama City	3	3	0.19
Chiba City	3	3	0.43
Yokohama City	10	10	0.32
Kawasaki City	3	3	0.25
Sagamihara City	1	1	0.20
Niigata City	0	0	-
Shizuoka City	0	0	0.00
Hamamatsu City	1	1	0.33
Nagoya City	9	9	0.38
Kyoto City	5	5	0.26
Osaka City	21	21	0.30
Sakai City	3	3	0.50
Kobe City	8	8	0.31
Okayama City	14	14	3.50
Hiroshima City	5	5	0.45
Kitakyushu City	7	7	0.64
Fukuoka City	8	8	0.89
Kumamoto City	1	1	0.08
23-ku area of Tokyo	47	47	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