



Monthly Report of Tuberculosis Surveillance, Japan – February, 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

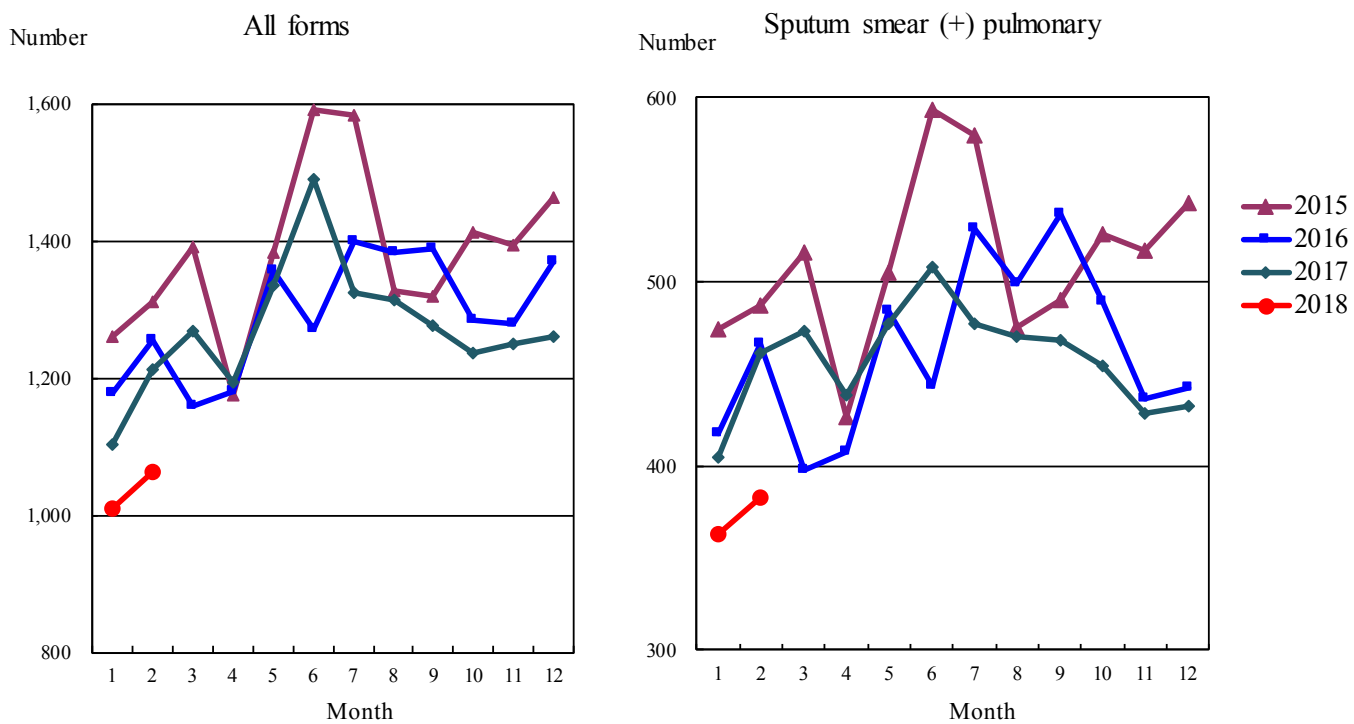


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Feb.) 2018

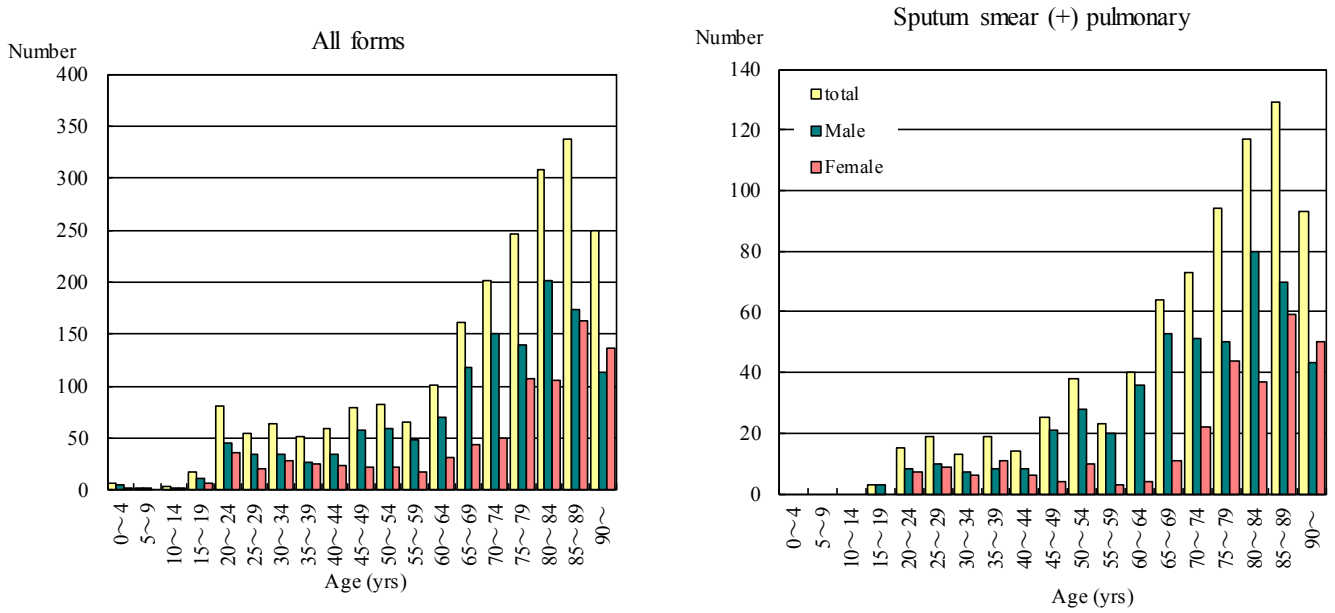


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Feb.) 2018

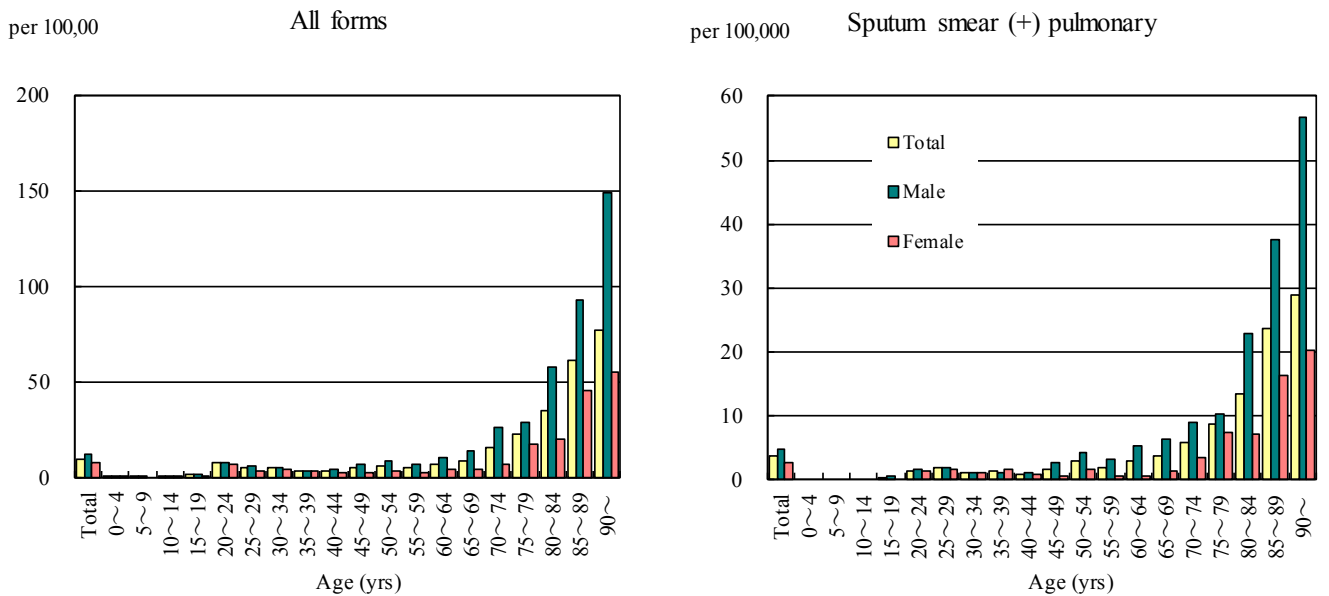


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Feb.) 2018

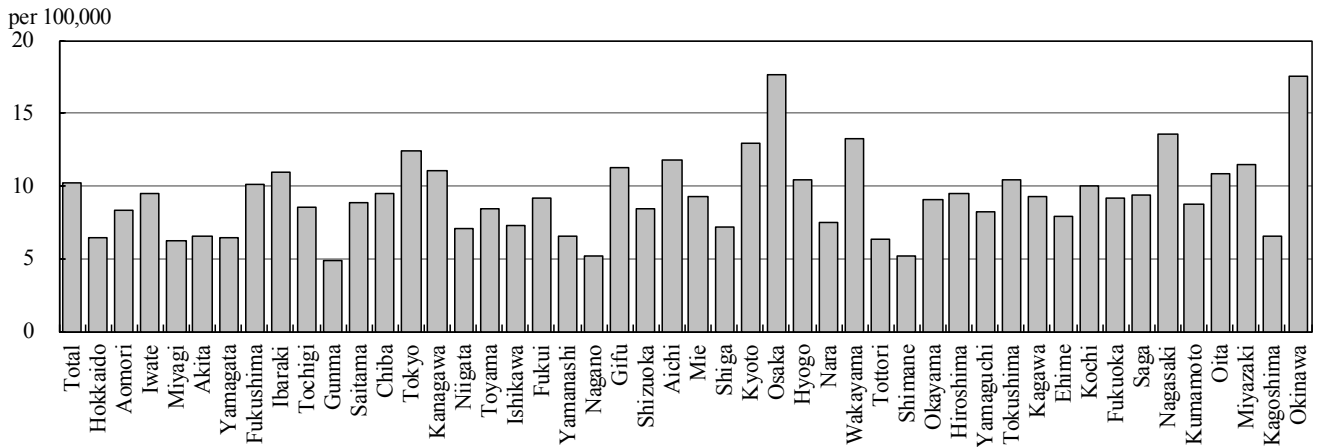


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Feb.) 2018

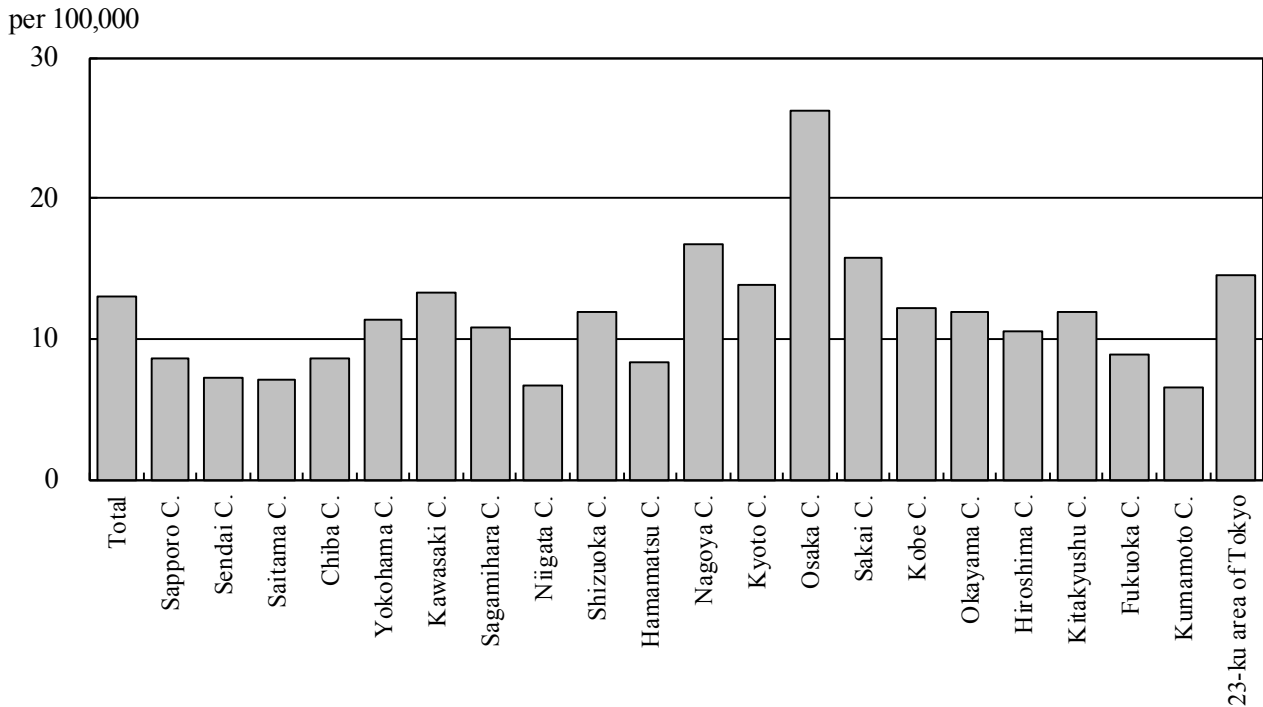


Figure 6. Number of LTBI, Japan, 2015-2018

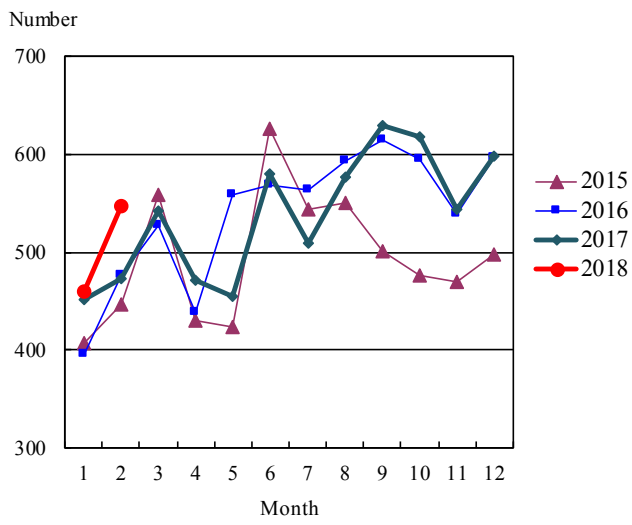


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Feb.) 2018

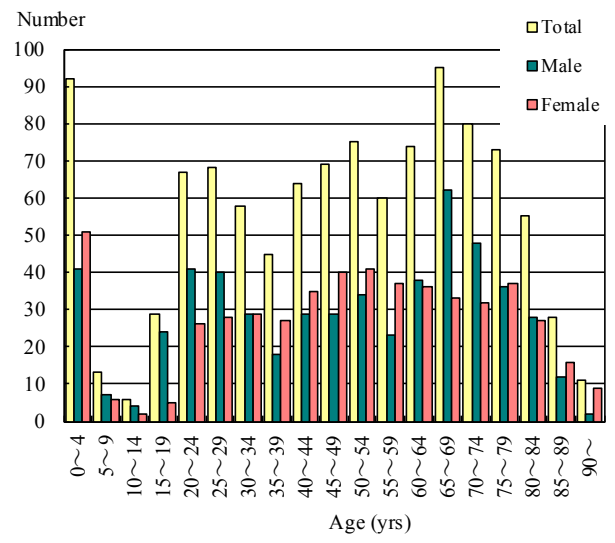


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,063	672	391	2,169	1,328	841	10.3	12.9	7.7
0~4	2	2	0	6	5	1	0.7	1.2	0.2
5~9	0	0	0	2	2	0	0.2	0.4	0.0
10~14	0	0	0	3	2	1	0.3	0.4	0.2
15~19	7	4	3	18	12	6	1.8	2.3	1.2
20~24	36	24	12	81	45	36	7.9	8.5	7.2
25~29	31	19	12	55	34	21	5.2	6.2	4.0
30~34	30	20	10	64	35	29	5.3	5.7	4.9
35~39	32	20	12	51	26	25	3.8	3.8	3.7
40~44	32	19	13	59	35	24	3.6	4.3	3.0
45~49	37	27	10	79	57	22	5.1	7.3	2.9
50~54	46	36	10	82	60	22	6.2	9.1	3.4
55~59	29	23	6	66	48	18	5.2	7.7	2.9
60~64	52	36	16	101	70	31	7.4	10.5	4.5
65~69	89	65	24	161	118	43	9.4	14.2	4.9
70~74	88	67	21	201	151	50	16.3	26.2	7.6
75~79	120	72	48	246	139	107	22.6	28.7	17.7
80~84	160	102	58	308	202	106	35.7	57.8	20.6
85~89	159	77	82	337	174	163	61.7	93.2	45.4
90~	113	59	54	249	113	136	77.5	149.3	55.4

Temporary registrants = 0, Total of registrants and temporary registrants = 1,063

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

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	383	251	132	779	496	283	3.7	4.8	2.6
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	0	0	0	3	3	0	0.3	0.6	0.0
20~24	4	4	0	15	8	7	1.5	1.5	1.4
25~29	11	5	6	19	10	9	1.8	1.8	1.7
30~34	7	5	2	13	7	6	1.1	1.1	1.0
35~39	10	6	4	19	8	11	1.4	1.2	1.6
40~44	9	4	5	14	8	6	0.9	1.0	0.8
45~49	14	10	4	25	21	4	1.6	2.7	0.5
50~54	21	17	4	38	28	10	2.9	4.2	1.5
55~59	10	9	1	23	20	3	1.8	3.2	0.5
60~64	23	22	1	40	36	4	2.9	5.4	0.6
65~69	31	27	4	64	53	11	3.7	6.4	1.2
70~74	29	20	9	73	51	22	5.9	8.9	3.3
75~79	41	24	17	94	50	44	8.6	10.3	7.3
80~84	65	43	22	117	80	37	13.6	22.9	7.2
85~89	61	30	31	129	70	59	23.6	37.5	16.4
90~	47	25	22	93	43	50	29.0	56.8	20.4

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

	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	1,063	383	2,169	779	10.3	3.7
Hokkaido	28	6	57	16	6.4	1.8
Aomori	7	2	18	5	8.3	2.3
Iwate	12	2	20	3	9.5	1.4
Miyagi	8	2	24	8	6.2	2.1
Akita	7	3	11	5	6.5	3.0
Yamagata	6	1	12	2	6.5	1.1
Fukushima	17	5	32	12	10.1	3.8
Ibaraki	31	12	53	20	10.9	4.1
Tochigi	13	2	28	5	8.5	1.5
Gunma	12	4	16	5	4.9	1.5
Saitama	52	22	108	40	8.9	3.3
Chiba	55	18	99	30	9.5	2.9
Tokyo	139	59	282	116	12.4	5.1
Kanagawa	77	33	169	69	11.1	4.5
Niigata	11	6	27	11	7.1	2.9
Toyama	10	1	15	2	8.5	1.1
Ishikawa	8	2	14	4	7.3	2.1
Fukui	3	3	12	7	9.2	5.4
Yamanashi	4	1	9	3	6.5	2.2
Nagano	11	4	18	7	5.2	2.0
Gifu	17	5	38	13	11.3	3.9
Shizuoka	27	9	52	18	8.5	2.9
Aichi	70	21	148	47	11.8	3.8
Mie	14	7	28	13	9.3	4.3
Shiga	9	1	17	3	7.2	1.3
Kyoto	22	6	56	19	12.9	4.4
Osaka	126	52	259	104	17.6	7.1
Hyogo	54	20	96	36	10.4	3.9
Nara	5	3	17	7	7.5	3.1
Wakayama	8	3	21	9	13.2	5.7
Tottori	2	0	6	2	6.3	2.1
Shimane	5	3	6	4	5.2	3.5
Okayama	16	6	29	8	9.1	2.5
Hiroshima	21	9	45	18	9.5	3.8
Yamaguchi	12	2	19	4	8.2	1.7
Tokushima	7	2	13	3	10.4	2.4
Kagawa	5	2	15	2	9.3	1.2
Ehime	10	4	18	7	7.9	3.1
Kochi	8	5	12	5	10.0	4.2
Fukuoka	35	9	78	26	9.2	3.1
Saga	6	3	13	6	9.4	4.3
Nagasaki	14	3	31	8	13.6	3.5
Kumamoto	10	2	26	8	8.8	2.7
Oita	7	4	21	12	10.9	6.2
Miyazaki	10	4	21	11	11.5	6.0
Kagoshima	8	4	18	6	6.6	2.2
Okinawa	24	6	42	10	17.5	4.2

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

	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	397	143	801	286	13.0	4.6
Sapporo City	10	4	28	6	8.6	1.8
Sendai City	4	2	13	5	7.2	2.8
Saitama City	10	2	15	4	7.0	1.9
Chiba City	9	2	14	2	8.6	1.2
Yokohama City	30	10	71	22	11.4	3.5
Kawasaki City	21	10	33	15	13.3	6.0
Sagamihara City	6	4	13	8	10.8	6.7
Niigata City	2	1	9	3	6.7	2.2
Shizuoka City	9	1	14	4	11.8	3.4
Hamamatsu City	6	3	11	5	8.3	3.8
Nagoya City	33	11	64	27	16.7	7.0
Kyoto City	14	4	34	10	13.8	4.1
Osaka City	62	26	118	46	26.2	10.2
Sakai City	10	2	22	7	15.8	5.0
Kobe City	17	4	31	6	12.1	2.3
Okayama City	9	2	14	3	11.9	2.5
Hiroshima City	10	4	21	6	10.5	3.0
Kitakyushu City	8	3	19	9	11.9	5.6
Fukuoka City	12	1	23	7	8.9	2.7
Kumamoto City	4	1	8	4	6.5	3.2
23-ku area of Tokyo	111	46	226	87	14.5	5.6

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

	Feb.			Summation (Jan.-Feb.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	547	291	256	1,062	545	517	0.5	0.4	0.6
0~4	45	20	25	92	41	51	15.3	8.2	51.0
5~9	5	2	3	13	7	6	6.5	3.5	-
10~14	2	1	1	6	4	2	2.0	2.0	2.0
15~19	18	14	4	29	24	5	1.6	2.0	0.8
20~24	34	23	11	67	41	26	0.8	0.9	0.7
25~29	30	20	10	68	40	28	1.2	1.2	1.3
30~34	28	15	13	58	29	29	0.9	0.8	1.0
35~39	22	10	12	45	18	27	0.9	0.7	1.1
40~44	32	15	17	64	29	35	1.1	0.8	1.5
45~49	38	17	21	69	29	40	0.9	0.5	1.8
50~54	41	21	20	75	34	41	0.9	0.6	1.9
55~59	34	13	21	60	23	37	0.9	0.5	2.1
60~64	45	23	22	74	38	36	0.7	0.5	1.2
65~69	43	31	12	95	62	33	0.6	0.5	0.8
70~74	39	23	16	80	48	32	0.4	0.3	0.6
75~79	39	18	21	73	36	37	0.3	0.3	0.3
80~84	31	17	14	55	28	27	0.2	0.1	0.3
85~89	13	7	6	28	12	16	0.1	0.1	0.1
90~	8	1	7	11	2	9	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, 2018

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	547	1,062	0.49
Hokkaido	18	29	0.51
Aomori	2	3	0.17
Iwate	4	13	0.65
Miyagi	17	25	1.04
Akita	3	5	0.45
Yamagata	0	0	0.00
Fukushima	5	7	0.22
Ibaraki	16	22	0.42
Tochigi	4	8	0.29
Gunma	4	7	0.44
Saitama	37	64	0.59
Chiba	28	58	0.59
Tokyo	80	150	0.53
Kanagawa	39	83	0.49
Niigata	18	24	0.89
Toyama	9	16	1.07
Ishikawa	2	8	0.57
Fukui	2	2	0.17
Yamanashi	1	2	0.22
Nagano	4	8	0.44
Gifu	4	11	0.29
Shizuoka	9	15	0.29
Aichi	32	67	0.45
Mie	2	6	0.21
Shiga	5	12	0.71
Kyoto	23	43	0.77
Osaka	74	134	0.52
Hyogo	6	27	0.28
Nara	3	7	0.41
Wakayama	6	9	0.43
Tottori	1	5	0.83
Shimane	1	2	0.33
Okayama	5	17	0.59
Hiroshima	15	26	0.58
Yamaguchi	2	3	0.16
Tokushima	4	5	0.38
Kagawa	3	5	0.33
Ehime	3	8	0.44
Kochi	1	1	0.08
Fukuoka	28	54	0.69
Saga	1	5	0.38
Nagasaki	5	6	0.19
Kumamoto	0	3	0.12
Oita	4	11	0.52
Miyazaki	4	10	0.48
Kagoshima	4	13	0.72
Okinawa	9	23	0.55

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

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	207	371	0.46
Sapporo City	5	11	0.39
Sendai City	13	17	1.31
Saitama City	3	7	0.47
Chiba City	4	12	0.86
Yokohama City	13	26	0.37
Kawasaki City	7	20	0.61
Sagamihara City	0	1	0.08
Niigata City	7	10	1.11
Shizuoka City	0	0	0.00
Hamamatsu City	2	4	0.36
Nagoya City	10	18	0.28
Kyoto City	10	18	0.53
Osaka City	37	59	0.50
Sakai City	4	7	0.32
Kobe City	2	8	0.26
Okayama City	4	12	0.86
Hiroshima City	3	3	0.14
Kitakyushu City	0	3	0.16
Fukuoka City	17	20	0.87
Kumamoto City	0	2	0.25
23-ku area of Tokyo	66	113	0.50

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