Monthly Report of Tuberculosis Surveillance, Japan - February, 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.

Figures

Tables

Figure 1. Number of newly notified TB cases by month, Japan, 2016-2019

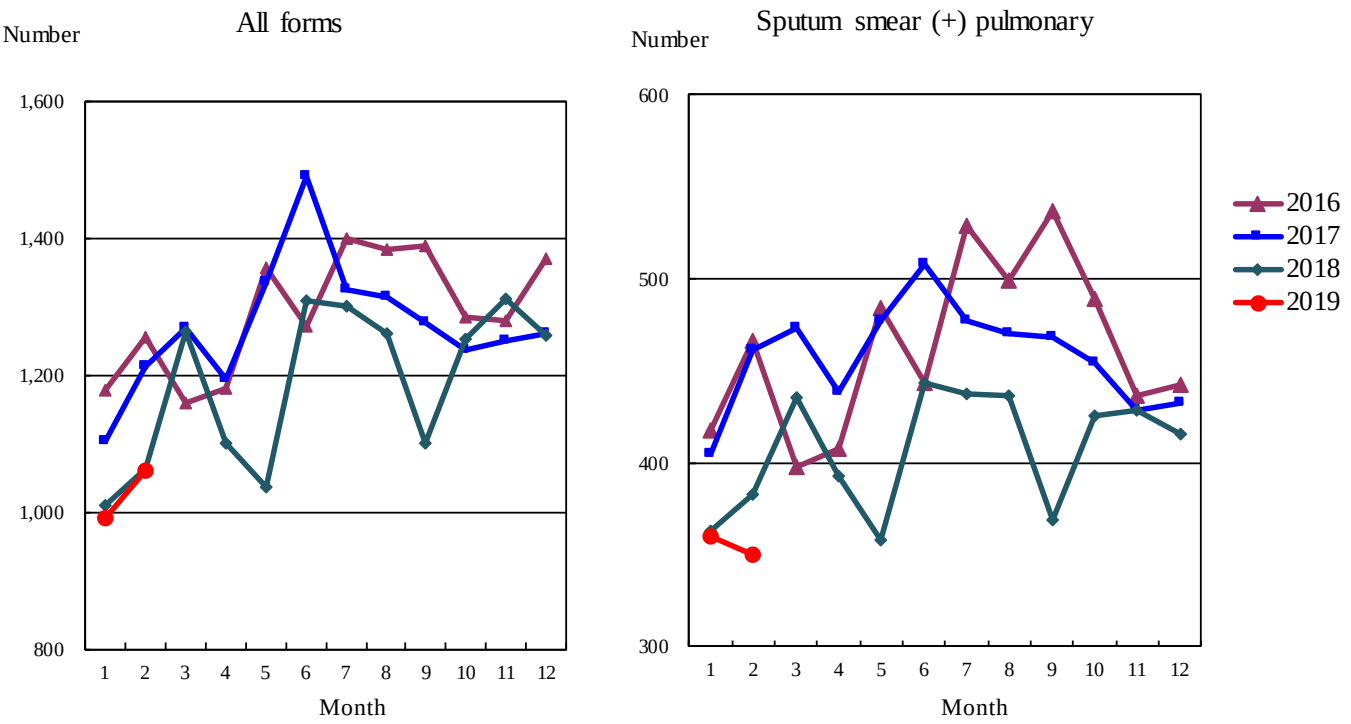

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Feb.) 2019

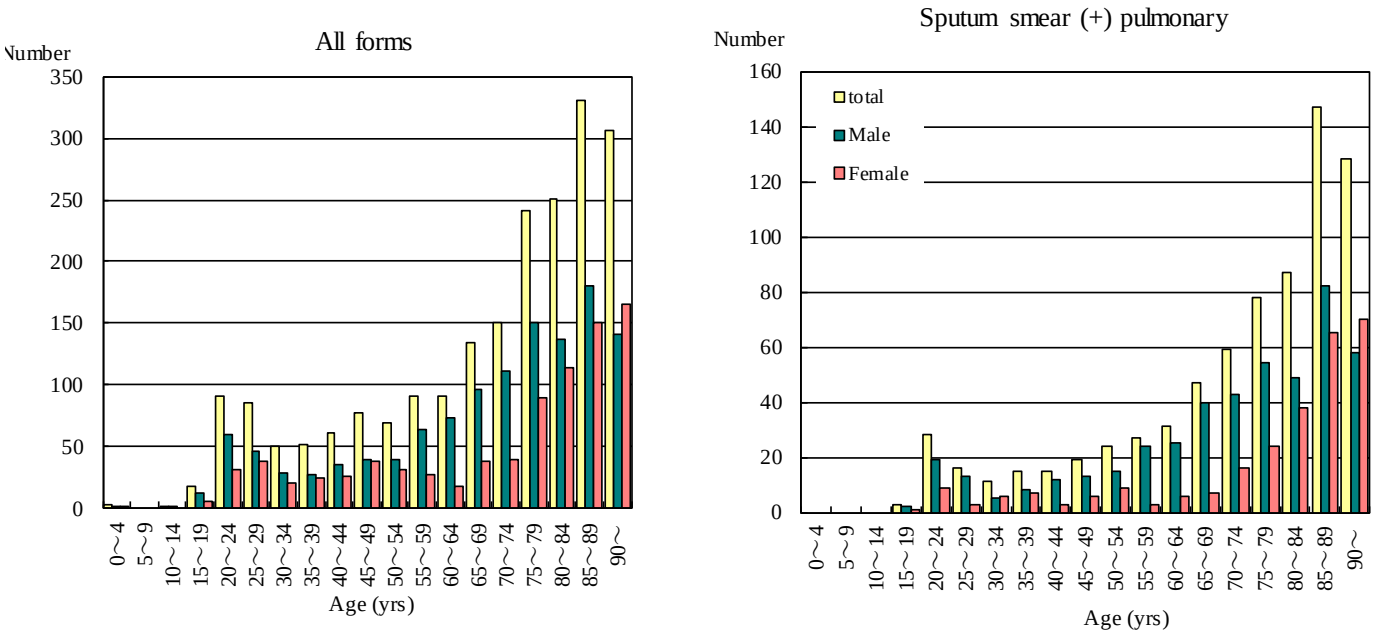

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Feb.) 2019

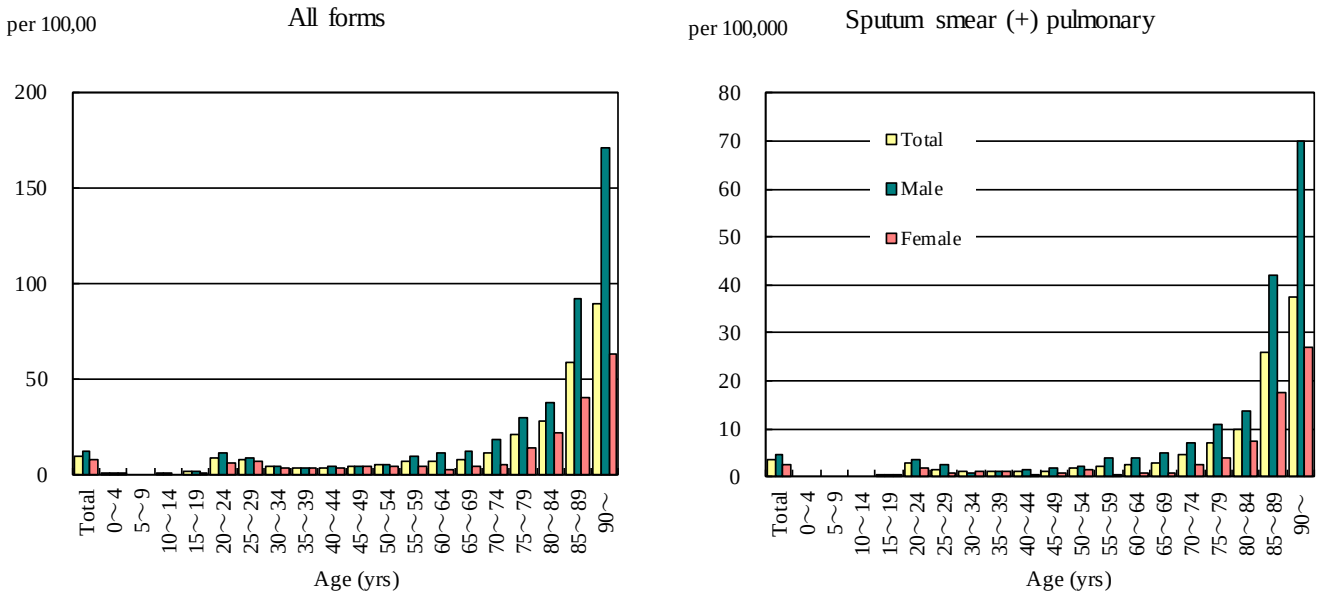

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Feb.) 2019

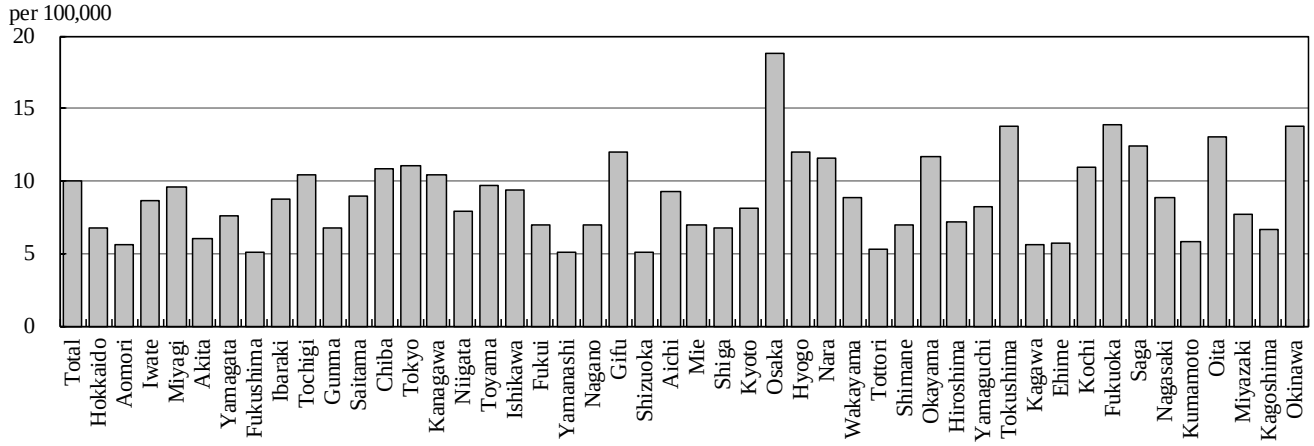

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Feb.) 2019

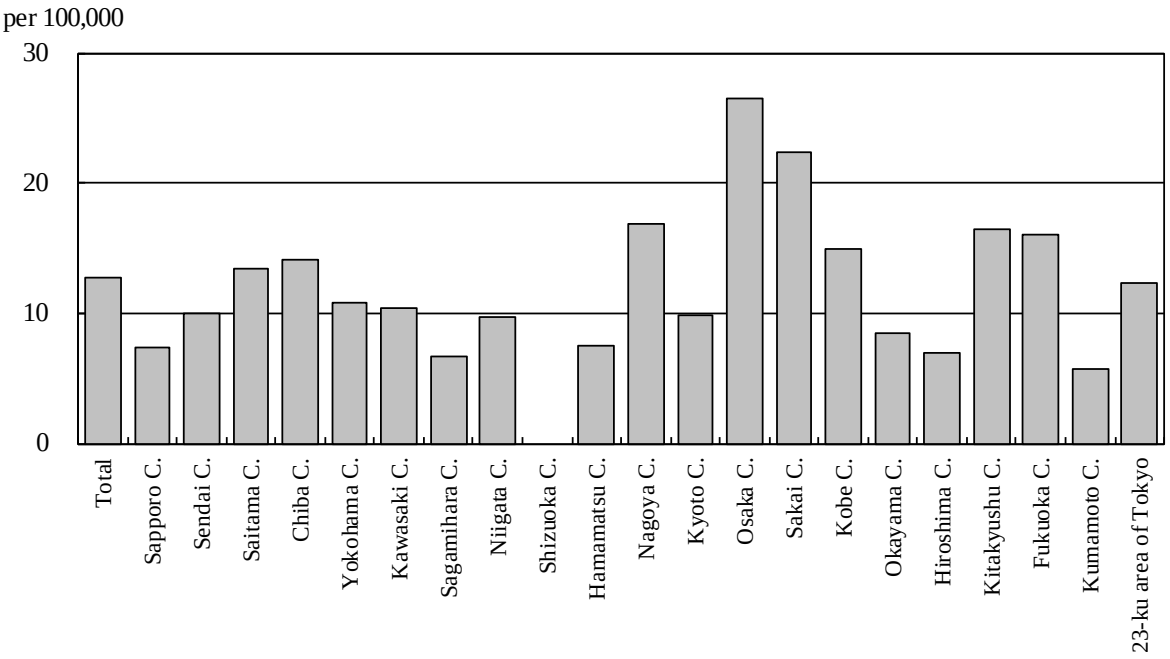

Figure 6.Number of LTBI, Japan, 2016-2019

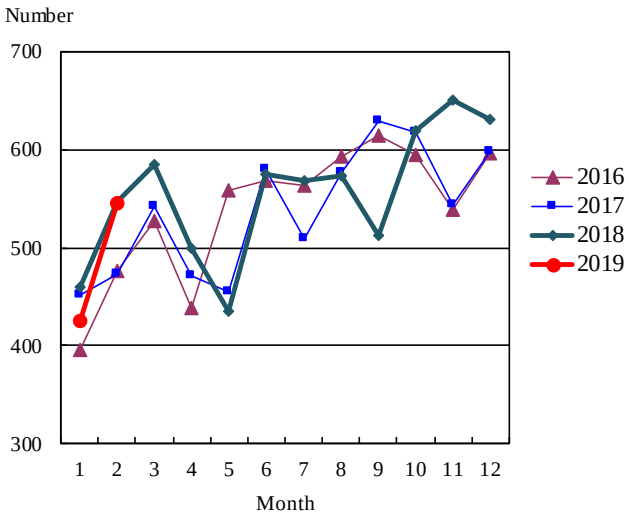

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Feb.) 2019

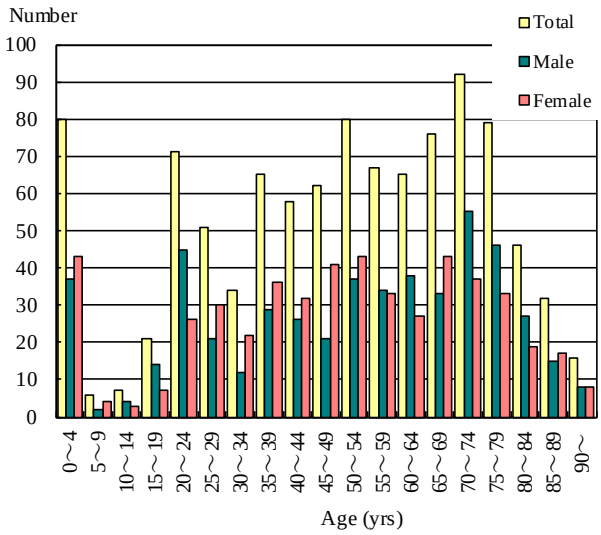

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2019

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,059	643	416	2,105	1,246	859	10.0	12.1	7.9
0～4	2	2	0	3	2	1	0.4	0.5	0.3
5～9	0	0	0	0	0	0	0.0	0.0	0.0
10～14	1	1	0	1	1	0	0.1	0.2	0.0
15～19	11	7	4	18	12	6	1.8	2.3	1.2
20～24	42	28	14	91	60	31	8.8	11.2	6.2
25～29	45	28	17	85	47	38	8.1	8.8	7.4
30～34	20	11	9	50	29	21	4.2	4.8	3.6
35～39	24	14	10	52	27	25	4.0	4.1	3.9
40～44	29	12	17	61	35	26	3.9	4.4	3.3
45～49	40	20	20	77	39	38	4.9	4.9	4.9
50～54	34	21	13	70	39	31	5.1	5.7	4.6
55～59	49	35	14	91	64	27	7.2	10.1	4.3
60～64	48	39	9	91	73	18	7.0	11.4	2.7
65～69	62	50	12	135	97	38	8.2	12.1	4.5
70～74	73	57	16	151	112	39	11.7	18.5	5.7
75～79	126	75	51	241	151	90	21.5	30.1	14.5
80～84	139	81	58	251	137	114	28.5	38.1	21.8
85～89	163	89	74	331	180	151	58.5	92.1	40.8
90～	151	73	78	306	141	165	89.4	170.6	63.5

Temporary registrants = 56, Total of registrants and temporary registrants = 1,115

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

	Feb.			Summation (Jan.-Feb.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	350	231	119	735	462	273	3.5	4.5	2.5
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	3	2	1	0.3	0.4	0.2
20～24	13	9	4	28	19	9	2.7	3.6	1.8
25～29	8	7	1	16	13	3	1.5	2.4	0.6
30～34	3	1	2	11	5	6	0.9	0.8	1.0
35～39	7	3	4	15	8	7	1.1	1.2	1.1
40～44	3	2	1	15	12	3	1.0	1.5	0.4
45～49	7	5	2	19	13	6	1.2	1.6	0.8
50～54	13	10	3	24	15	9	1.8	2.2	1.3
55～59	14	12	2	27	24	3	2.1	3.8	0.5
60～64	17	15	2	31	25	6	2.4	3.9	0.9
65～69	23	21	2	47	40	7	2.8	5.0	0.8
70～74	28	20	8	59	43	16	4.6	7.1	2.3
75～79	38	23	15	78	54	24	6.9	10.8	3.9
80～84	44	28	16	87	49	38	9.9	13.6	7.3
85～89	71	42	29	147	82	65	26.0	41.9	17.5
90～	60	32	28	128	58	70	37.4	70.2	26.9

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

	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	1,059	350	2,105	735	10.0	3.5
Hokkaido	32	8	60	22	6.8	2.5
Aomori	5	2	12	4	5.6	1.9
Iwate	7	2	18	8	8.6	3.8
Miyagi	19	5	37	10	9.6	2.6
Akita	6	2	10	5	6.0	3.0
Yamagata	7	5	14	9	7.6	4.9
Fukushima	4	1	16	7	5.1	2.2
Ibaraki	25	5	42	12	8.7	2.5
Tochigi	12	4	34	12	10.4	3.7
Gunma	10	3	22	6	6.7	1.8
Saitama	49	14	109	35	8.9	2.9
Chiba	51	12	113	33	10.9	3.2
Tokyo	138	51	252	91	11.0	4.0
Kanagawa	90	30	159	57	10.4	3.7
Niigata	18	4	30	6	7.9	1.6
Toyama	6	0	17	1	9.7	0.6
Ishikawa	9	2	18	6	9.4	3.1
Fukui	5	0	9	0	6.9	0.0
Yamanashi	6	2	7	3	5.1	2.2
Nagano	8	1	24	6	6.9	1.7
Gifu	17	2	40	10	12.0	3.0
Shizuoka	17	9	31	13	5.1	2.1
Aichi	64	18	116	36	9.2	2.9
Mie	15	5	21	8	7.0	2.7
Shiga	10	5	16	8	6.8	3.4
Kyoto	17	9	35	12	8.1	2.8
Osaka	141	62	276	116	18.8	7.9
Hyogo	53	23	110	52	12.0	5.7
Nara	16	7	26	10	11.6	4.5
Wakayama	6	3	14	5	8.9	3.2
Tottori	2	1	5	1	5.3	1.1
Shimane	3	1	8	3	7.0	2.6
Okayama	14	3	37	9	11.6	2.8
Hiroshima	18	4	34	10	7.2	2.1
Yamaguchi	7	1	19	4	8.2	1.7
Tokushima	8	3	17	5	13.7	4.0
Kagawa	2	0	9	2	5.6	1.2
Ehime	9	3	13	5	5.7	2.2
Kochi	4	1	13	4	10.9	3.4
Fukuoka	70	16	118	33	13.9	3.9
Saga	9	4	17	6	12.4	4.4
Nagasaki	9	3	20	6	8.9	2.7
Kumamoto	6	0	17	4	5.8	1.4
Oita	11	5	25	10	13.0	5.2
Miyazaki	8	4	14	8	7.7	4.4
Kagoshima	7	3	18	9	6.6	3.3
Okinawa	9	2	33	13	13.7	5.4

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

	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	415	144	789	274	12.8	4.4
Sapporo City	14	3	24	7	7.3	2.1
Sendai City	8	3	18	6	9.9	3.3
Saitama City	11	4	29	10	13.5	4.6
Chiba City	10	3	23	7	14.2	4.3
Yokohama City	39	13	67	21	10.8	3.4
Kawasaki City	12	4	26	9	10.4	3.6
Sagamihara City	5	2	8	3	6.6	2.5
Niigata City	8	1	13	2	9.7	1.5
Shizuoka City	0	0	0	0	0.0	0.0
Hamamatsu City	5	2	10	2	7.5	1.5
Nagoya City	34	10	65	20	16.9	5.2
Kyoto City	13	8	24	10	9.8	4.1
Osaka City	65	25	120	51	26.5	11.3
Sakai City	14	8	31	15	22.3	10.8
Kobe City	19	8	38	14	14.9	5.5
Okayama City	3	0	10	1	8.5	0.8
Hiroshima City	8	1	14	2	7.0	1.0
Kitakyushu City	13	4	26	8	16.4	5.0
Fukuoka City	28	7	42	14	16.1	5.4
Kumamoto City	1	0	7	3	5.7	2.4
23-ku area of Tokyo	105	38	194	69	12.3	4.4

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

	Feb.			Summation (Jan.-Feb.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	545	255	290	1,008	504	504	0.5	0.4	0.6
0～4	47	18	29	80	37	43	26.7	18.5	43.0
5～9	4	1	3	6	2	4	-	-	-
10～14	3	3	0	7	4	3	7.0	4.0	-
15～19	11	7	4	21	14	7	1.2	1.2	1.2
20～24	50	32	18	71	45	26	0.8	0.8	0.8
25～29	30	12	18	51	21	30	0.6	0.4	0.8
30～34	24	7	17	34	12	22	0.7	0.4	1.0
35～39	35	12	23	65	29	36	1.3	1.1	1.4
40～44	20	6	14	58	26	32	1.0	0.7	1.2
45～49	28	8	20	62	21	41	0.8	0.5	1.1
50～54	42	18	24	80	37	43	1.1	0.9	1.4
55～59	36	16	20	67	34	33	0.7	0.5	1.2
60～64	39	22	17	65	38	27	0.7	0.5	1.5
65～69	41	17	24	76	33	43	0.6	0.3	1.1
70～74	47	27	20	92	55	37	0.6	0.5	0.9
75～79	41	25	16	79	46	33	0.3	0.3	0.4
80～84	25	12	13	46	27	19	0.2	0.2	0.2
85～89	12	5	7	32	15	17	0.1	0.1	0.1
90～	10	7	3	16	8	8	0.1	0.1	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, 2019

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	545	1,008	0.48
Hokkaido	18	32	0.53
Aomori	7	14	1.17
Iwate	5	10	0.56
Miyagi	12	29	0.78
Akita	5	5	0.50
Yamagata	3	4	0.29
Fukushima	2	3	0.19
Ibaraki	15	37	0.88
Tochigi	5	9	0.26
Gunma	1	4	0.18
Saitama	48	85	0.78
Chiba	26	50	0.44
Tokyo	80	125	0.50
Kanagawa	43	72	0.45
Niigata	4	8	0.27
Toyama	4	7	0.41
Ishikawa	7	10	0.56
Fukui	3	3	0.33
Yamanashi	0	1	0.14
Nagano	5	20	0.83
Gifu	3	11	0.28
Shizuoka	5	11	0.35
Aichi	29	49	0.42
Mie	4	5	0.24
Shiga	7	15	0.94
Kyoto	13	25	0.71
Osaka	54	114	0.41
Hyogo	31	48	0.44
Nara	3	7	0.27
Wakayama	2	3	0.21
Tottori	2	2	0.40
Shimane	0	2	0.25
Okayama	18	21	0.57
Hiroshima	13	27	0.79
Yamaguchi	2	6	0.32
Tokushima	2	3	0.18
Kagawa	2	5	0.56
Ehime	4	5	0.38
Kochi	3	5	0.38
Fukuoka	28	50	0.42
Saga	4	5	0.29
Nagasaki	2	4	0.20
Kumamoto	3	5	0.29
Oita	4	13	0.52
Miyazaki	7	12	0.86
Kagoshima	3	15	0.83
Okinawa	4	12	0.36

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

	Feb.	Summation (Jan.-Feb.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	204	365	0.46
Sapporo City	10	19	0.79
Sendai City	9	19	1.06
Saitama City	3	11	0.38
Chiba City	0	1	0.04
Yokohama City	7	16	0.24
Kawasaki City	17	29	1.12
Sagamihara City	3	4	0.50
Niigata City	2	3	0.23
Shizuoka City	0	0	-
Hamamatsu City	2	2	0.20
Nagoya City	17	28	0.43
Kyoto City	7	19	0.79
Osaka City	31	58	0.48
Sakai City	3	7	0.23
Kobe City	8	15	0.39
Okayama City	9	9	0.90
Hiroshima City	5	9	0.64
Kitakyushu City	4	8	0.31
Fukuoka City	11	18	0.43
Kumamoto City	2	3	0.43
23-ku area of Tokyo	54	87	0.45

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