



Monthly Report of Tuberculosis Surveillance, Japan - May, 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

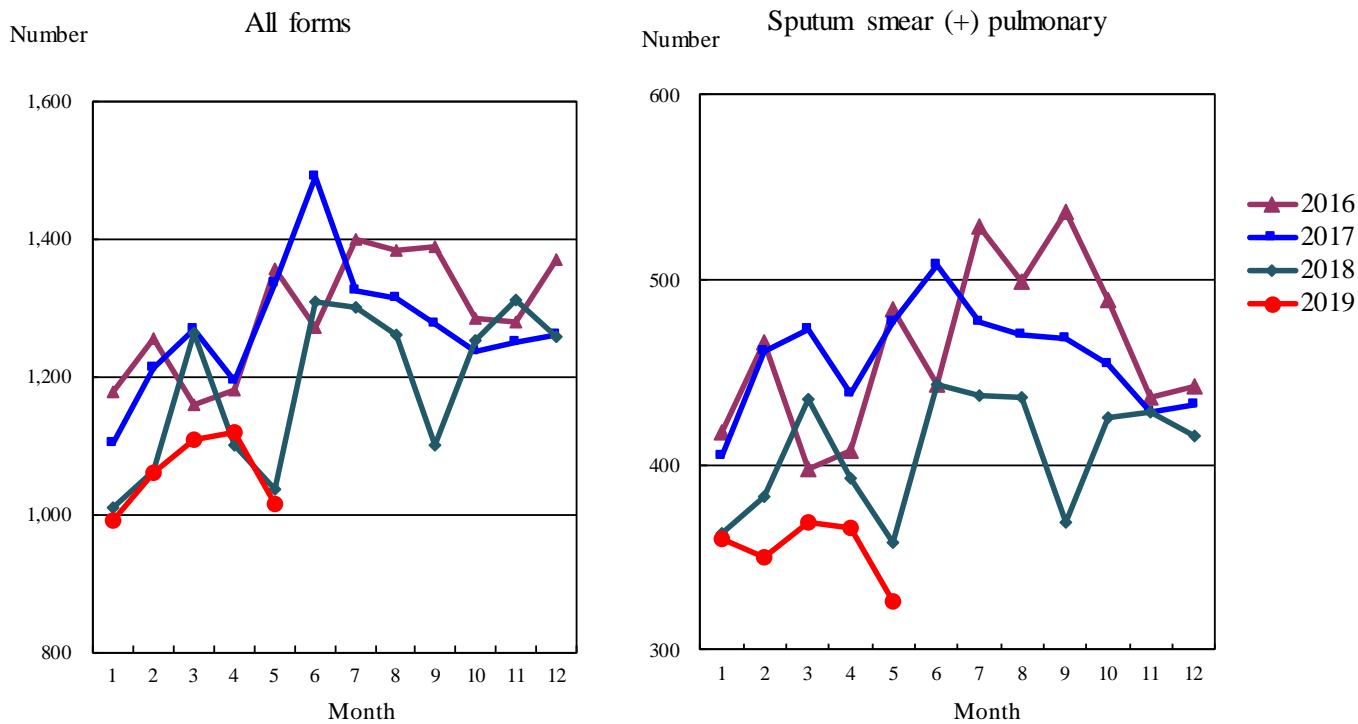


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-May.) 2019

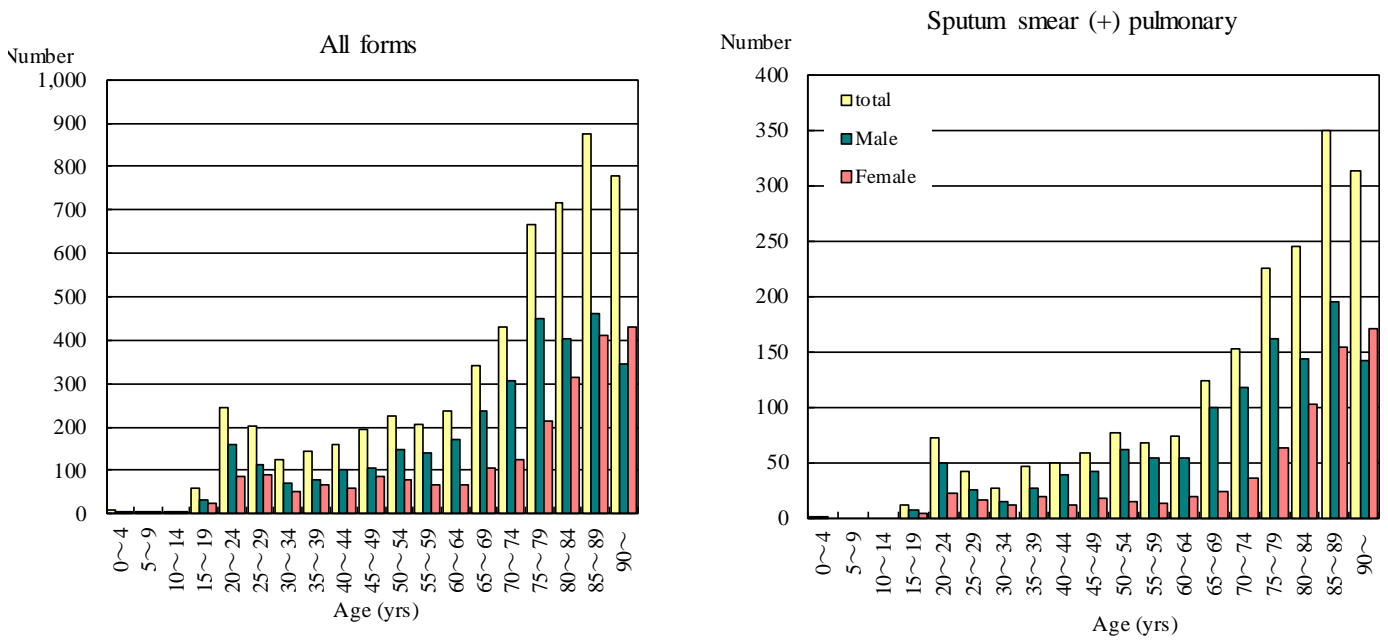


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-May.) 2019

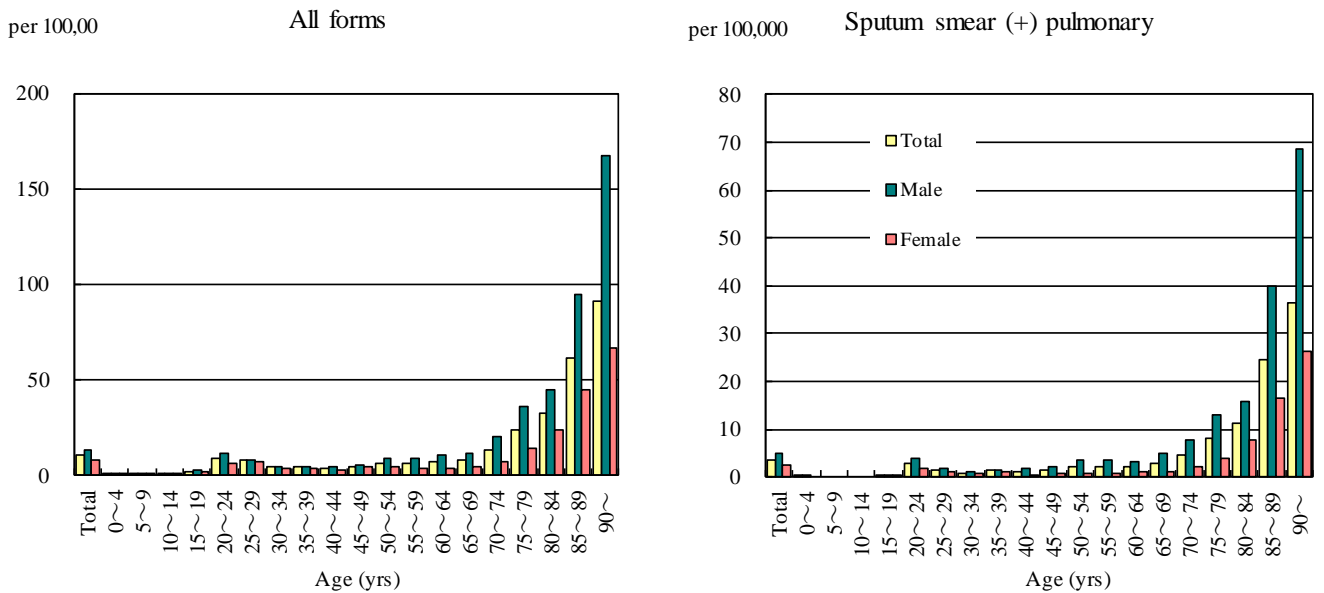


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-May.) 2019

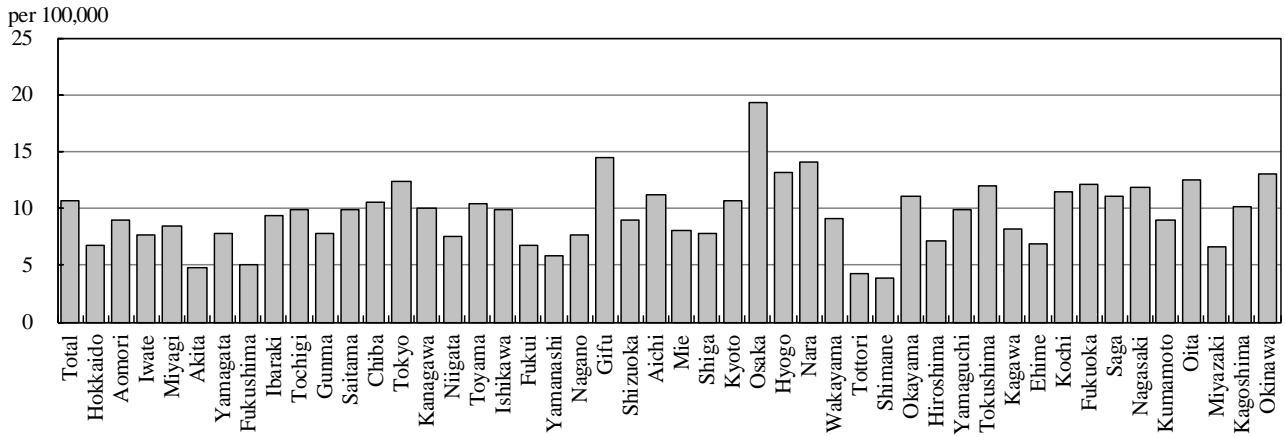


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-May.) 2019

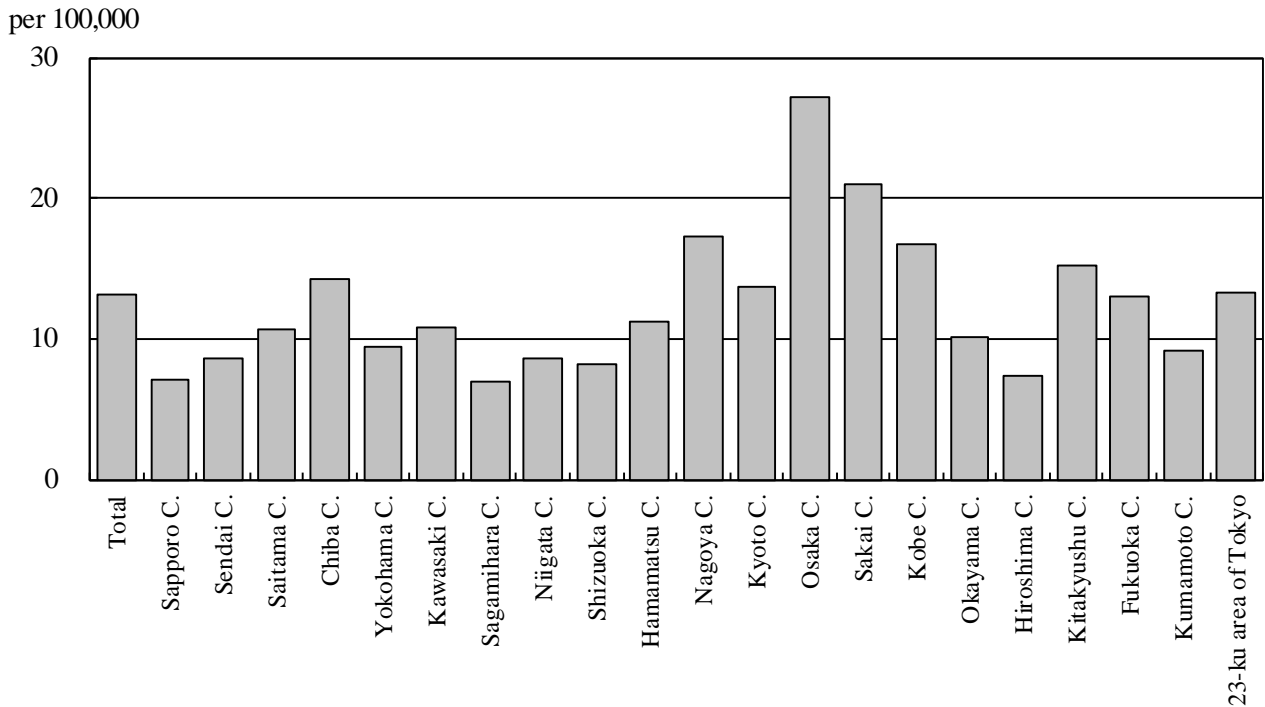


Figure 6. Number of LTBI, Japan, 2016-2019

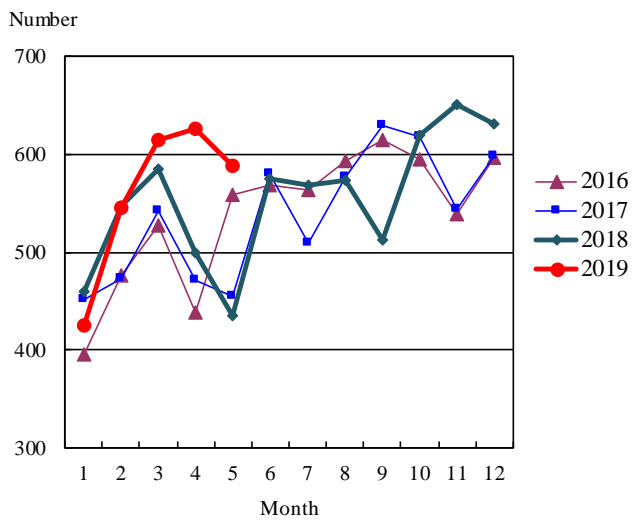


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-May.) 2019

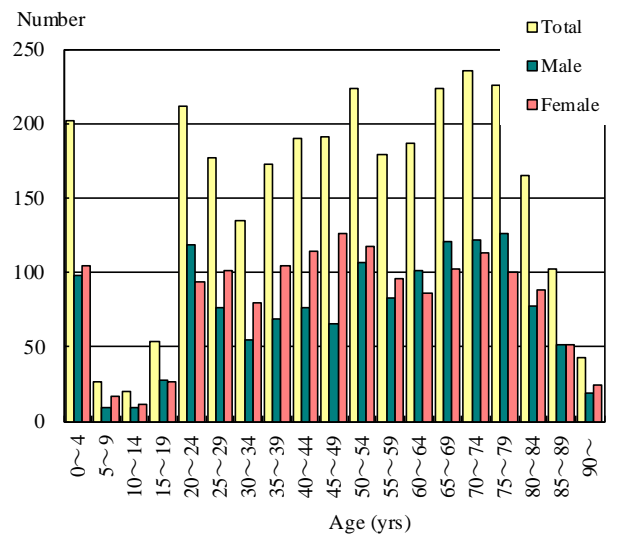


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2019

	Mar.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,015	584	431	5,624	3,339	2,285	10.7	13.0	8.4
0~4	2	0	2	10	4	6	0.5	0.4	0.6
5~9	0	0	0	3	2	1	0.1	0.2	0.1
10~14	0	0	0	5	4	1	0.2	0.3	0.1
15~19	13	8	5	58	34	24	2.3	2.7	2.0
20~24	48	25	23	244	158	86	9.4	11.8	6.8
25~29	28	10	18	202	112	90	7.7	8.3	7.0
30~34	16	9	7	125	72	53	4.2	4.8	3.6
35~39	27	16	11	146	80	66	4.4	4.8	4.1
40~44	35	23	12	159	101	58	4.0	5.1	3.0
45~49	25	13	12	193	107	86	4.9	5.4	4.4
50~54	46	35	11	226	148	78	6.7	8.7	4.6
55~59	32	24	8	208	142	66	6.6	9.0	4.2
60~64	44	29	15	238	171	67	7.3	10.7	4.1
65~69	75	51	24	342	236	106	8.3	11.8	5.0
70~74	73	45	28	432	307	125	13.4	20.3	7.3
75~79	121	81	40	665	450	215	23.7	35.9	13.8
80~84	143	82	61	717	404	313	32.5	45.0	23.9
85~89	146	78	68	873	461	412	61.7	94.3	44.5
90~	141	55	86	778	346	432	90.9	167.5	66.5

Temporary registrants = 58, Total of registrants and temporary registrants = 1,073

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

Population: as of 1st Oct. 2017

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

	Mar.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	326	193	133	1,930	1,233	697	3.7	4.8	2.6
0~4	0	0	0	1	1	0	0.0	0.1	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	6	3	3	11	7	4	0.4	0.5	0.3
20~24	8	2	6	72	50	22	2.8	3.7	1.7
25~29	5	1	4	41	25	16	1.6	1.9	1.3
30~34	4	3	1	26	14	12	0.9	0.9	0.8
35~39	5	5	0	46	27	19	1.4	1.6	1.2
40~44	11	9	2	49	38	11	1.2	1.9	0.6
45~49	11	7	4	59	41	18	1.5	2.1	0.9
50~54	15	14	1	76	62	14	2.2	3.6	0.8
55~59	9	7	2	67	54	13	2.1	3.4	0.8
60~64	11	8	3	73	54	19	2.2	3.4	1.2
65~69	22	17	5	124	100	24	3.0	5.0	1.1
70~74	17	14	3	153	118	35	4.7	7.8	2.0
75~79	40	27	13	225	162	63	8.0	12.9	4.1
80~84	45	25	20	245	143	102	11.1	15.9	7.8
85~89	58	30	28	349	195	154	24.7	39.9	16.6
90~	59	21	38	313	142	171	36.6	68.7	26.3

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

	Mar.		Summation (Jan.-May.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,015	326	5,624	1,930	10.7	3.7
Hokkaido	21	8	150	49	6.8	2.2
Aomori	7	4	48	22	9.0	4.1
Iwate	5	2	40	15	7.7	2.9
Miyagi	6	4	82	25	8.5	2.6
Akita	2	1	20	9	4.8	2.2
Yamagata	6	2	36	18	7.8	3.9
Fukushima	8	1	40	11	5.1	1.4
Ibaraki	23	3	113	29	9.4	2.4
Tochigi	21	7	81	33	9.9	4.0
Gunma	7	2	64	18	7.8	2.2
Saitama	52	21	301	105	9.9	3.4
Chiba	46	11	275	93	10.6	3.6
Tokyo	135	36	707	244	12.4	4.3
Kanagawa	57	20	382	124	10.0	3.2
Niigata	7	3	71	17	7.5	1.8
Toyama	14	5	46	12	10.5	2.7
Ishikawa	10	2	47	15	9.8	3.1
Fukui	2	0	22	3	6.8	0.9
Yamanashi	5	2	20	9	5.8	2.6
Nagano	13	4	66	24	7.6	2.8
Gifu	32	10	121	43	14.5	5.1
Shizuoka	21	8	137	59	8.9	3.9
Aichi	64	15	349	105	11.1	3.3
Mie	8	1	60	19	8.0	2.5
Shiga	7	1	46	15	7.8	2.5
Kyoto	22	8	116	41	10.7	3.8
Osaka	150	49	708	267	19.3	7.3
Hyogo	48	15	302	105	13.2	4.6
Nara	16	7	79	29	14.1	5.2
Wakayama	4	2	36	16	9.1	4.1
Tottori	0	0	10	2	4.2	0.8
Shimane	3	0	11	3	3.9	1.1
Okayama	14	2	88	27	11.1	3.4
Hiroshima	11	6	84	32	7.1	2.7
Yamaguchi	7	1	57	15	9.9	2.6
Tokushima	7	3	37	12	11.9	3.9
Kagawa	6	3	33	12	8.2	3.0
Ehime	11	3	39	13	6.9	2.3
Kochi	8	6	34	11	11.4	3.7
Fukuoka	53	16	258	78	12.1	3.7
Saga	8	2	38	12	11.1	3.5
Nagasaki	12	5	67	24	11.9	4.3
Kumamoto	13	5	66	18	9.0	2.4
Oita	10	6	60	28	12.5	5.8
Miyazaki	3	2	30	16	6.6	3.5
Kagoshima	20	9	69	30	10.2	4.4
Okinawa	10	3	78	23	13.0	3.8

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

	Mar.		Summation (Jan.-May.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	385	121	2,037	697	13.2	4.5
Sapporo City	8	4	58	21	7.1	2.6
Sendai City	5	4	39	13	8.6	2.9
Saitama City	10	4	57	19	10.6	3.5
Chiba City	14	5	58	23	14.3	5.7
Yokohama City	14	4	146	42	9.4	2.7
Kawasaki City	15	6	68	23	10.9	3.7
Sagamihara City	8	4	21	10	7.0	3.3
Niigata City	1	0	29	5	8.7	1.5
Shizuoka City	0	0	24	12	8.1	4.1
Hamamatsu City	10	3	37	11	11.2	3.3
Nagoya City	37	9	167	57	17.3	5.9
Kyoto City	19	6	84	31	13.7	5.1
Osaka City	69	27	307	121	27.2	10.7
Sakai City	16	6	73	31	21.0	8.9
Kobe City	19	2	107	29	16.8	4.5
Okayama City	8	0	30	7	10.2	2.4
Hiroshima City	4	4	37	15	7.4	3.0
Kitakyushu City	14	1	60	14	15.1	3.5
Fukuoka City	17	7	85	26	13.0	4.0
Kumamoto City	8	4	28	10	9.1	3.2
23-ku area of Tokyo	89	21	522	177	13.3	4.5

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

	Mar.			Summation (Jan.-May.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	588	262	326	2,964	1,410	1,554	0.5	0.4	0.7
0~4	31	14	17	202	98	104	20.2	24.5	17.3
5~9	3	2	1	26	9	17	8.7	4.5	17.0
10~14	5	1	4	20	9	11	4.0	2.3	11.0
15~19	12	5	7	54	28	26	0.9	0.8	1.1
20~24	33	15	18	212	118	94	0.9	0.7	1.1
25~29	35	12	23	177	76	101	0.9	0.7	1.1
30~34	32	11	21	135	55	80	1.1	0.8	1.5
35~39	30	11	19	173	69	104	1.2	0.9	1.6
40~44	40	15	25	190	76	114	1.2	0.8	2.0
45~49	40	12	28	191	65	126	1.0	0.6	1.5
50~54	43	22	21	224	107	117	1.0	0.7	1.5
55~59	37	16	21	179	83	96	0.9	0.6	1.5
60~64	34	19	15	187	101	86	0.8	0.6	1.3
65~69	50	29	21	223	121	102	0.7	0.5	1.0
70~74	41	22	19	235	122	113	0.5	0.4	0.9
75~79	47	27	20	226	126	100	0.3	0.3	0.5
80~84	36	13	23	165	77	88	0.2	0.2	0.3
85~89	25	11	14	102	51	51	0.1	0.1	0.1
90~	14	5	9	43	19	24	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, 2019

	Mar.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	588	2,964	0.53
Hokkaido	25	94	0.63
Aomori	13	50	1.04
Iwate	8	39	0.98
Miyagi	7	59	0.72
Akita	1	14	0.70
Yamagata	1	16	0.44
Fukushima	3	12	0.30
Ibaraki	8	84	0.74
Tochigi	6	33	0.41
Gunma	9	29	0.45
Saitama	35	226	0.75
Chiba	30	147	0.53
Tokyo	76	391	0.55
Kanagawa	39	193	0.51
Niigata	13	46	0.65
Toyama	8	25	0.54
Ishikawa	3	27	0.57
Fukui	0	5	0.23
Yamanashi	2	9	0.45
Nagano	6	56	0.85
Gifu	9	39	0.32
Shizuoka	7	33	0.24
Aichi	27	173	0.50
Mie	5	36	0.60
Shiga	11	34	0.74
Kyoto	10	62	0.53
Osaka	55	278	0.39
Hyogo	25	128	0.42
Nara	11	33	0.42
Wakayama	3	10	0.28
Tottori	0	2	0.20
Shimane	1	3	0.27
Okayama	7	54	0.61
Hiroshima	10	55	0.65
Yamaguchi	5	28	0.49
Tokushima	4	17	0.46
Kagawa	2	17	0.52
Ehime	3	12	0.31
Kochi	6	15	0.44
Fukuoka	27	156	0.60
Saga	1	11	0.29
Nagasaki	4	22	0.33
Kumamoto	1	17	0.26
Oita	6	34	0.57
Miyazaki	7	26	0.87
Kagoshima	27	56	0.81
Okinawa	21	58	0.74

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

	Mar.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	195	1,005	0.49
Sapporo City	15	47	0.81
Sendai City	3	29	0.74
Saitama City	2	27	0.47
Chiba City	7	18	0.31
Yokohama City	16	51	0.35
Kawasaki City	6	56	0.82
Sagamihara City	5	14	0.67
Niigata City	10	21	0.72
Shizuoka City	0	7	0.29
Hamamatsu City	1	3	0.08
Nagoya City	9	66	0.40
Kyoto City	9	45	0.54
Osaka City	17	128	0.42
Sakai City	10	27	0.37
Kobe City	10	40	0.37
Okayama City	4	28	0.93
Hiroshima City	4	23	0.62
Kitakyushu City	2	24	0.40
Fukuoka City	14	64	0.75
Kumamoto City	1	8	0.29
23-ku area of Tokyo	50	279	0.53

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