



Monthly Report of Tuberculosis Surveillance, Japan – August, 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

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

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

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

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

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

Figure 6. Number of LTBI, Japan, 2019

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan. - Aug.) 2016-2019

Tables

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

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

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

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

Table 5. LTBI cases and rates by sex and age, Japan, 2019

Table 6. LTBI cases and rates by prefecture, Japan, 2019

Table 7. LTBI cases and rates by major city, Japan, 2019

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

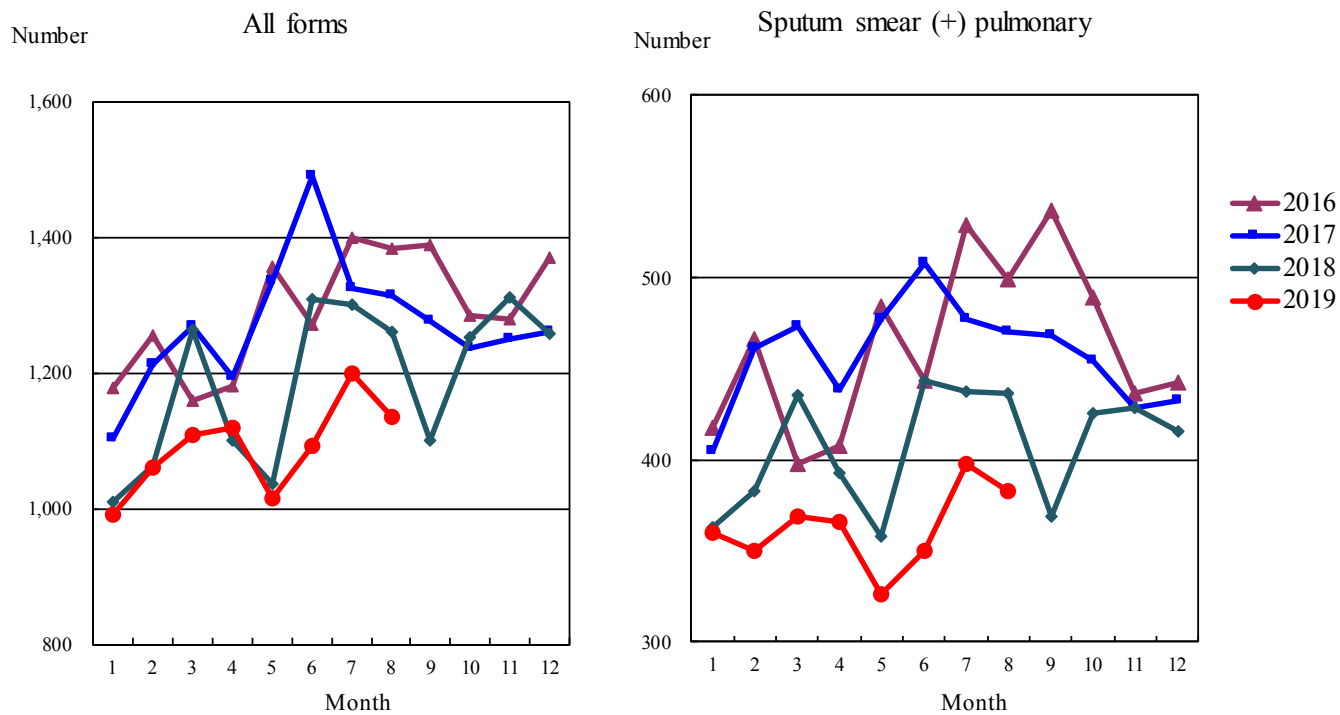


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Aug.) 2019

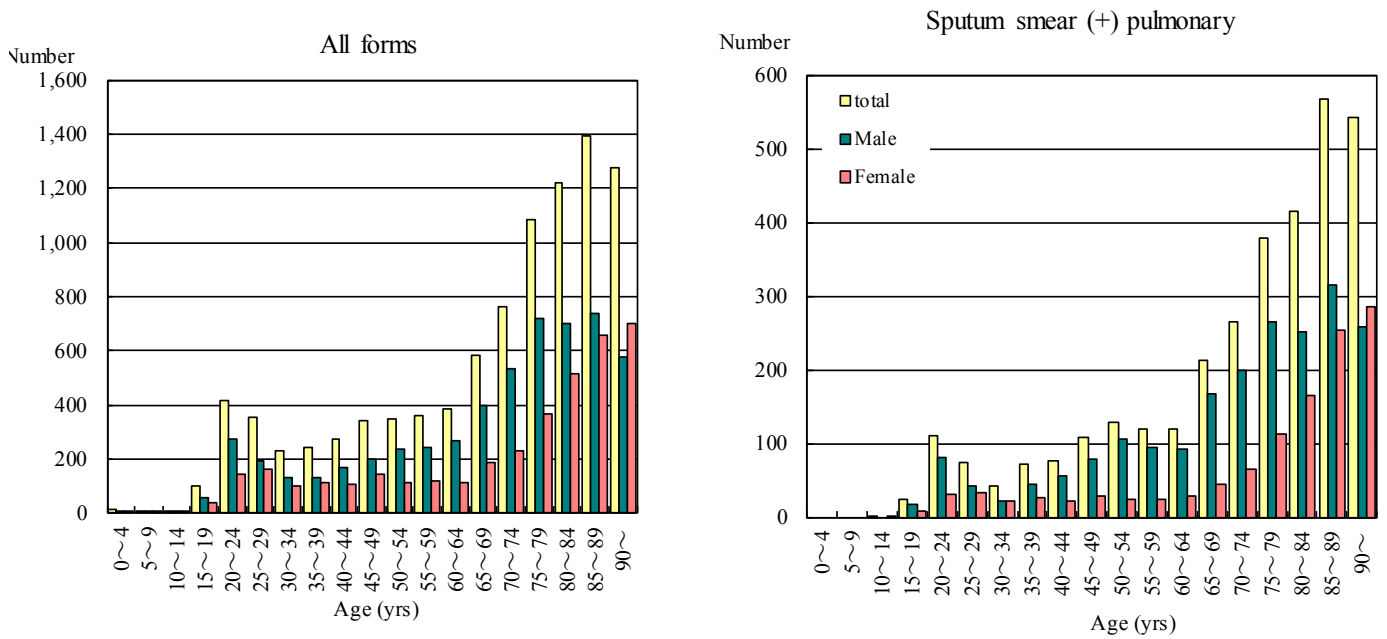


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Aug.) 2019

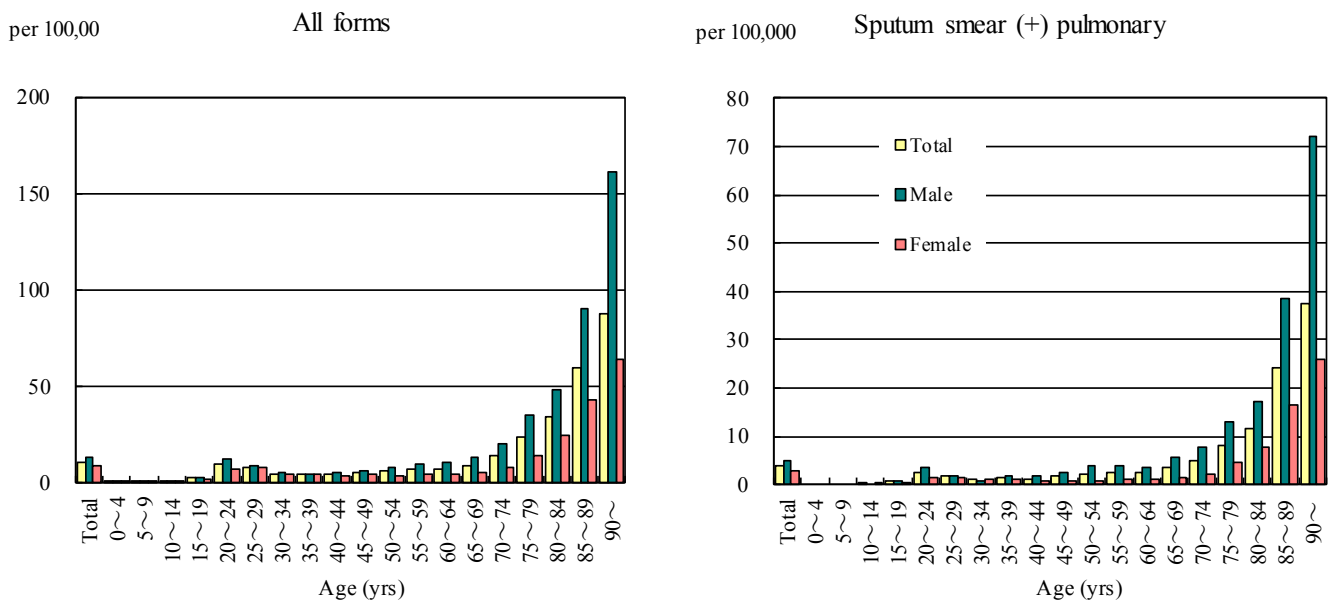


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Aug.) 2019

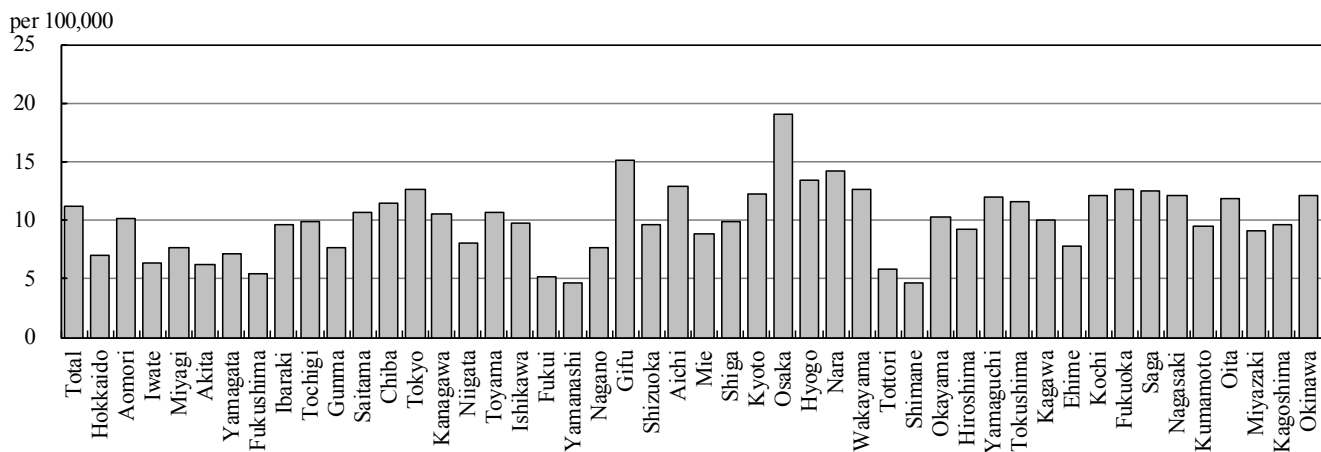


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Aug.) 2019

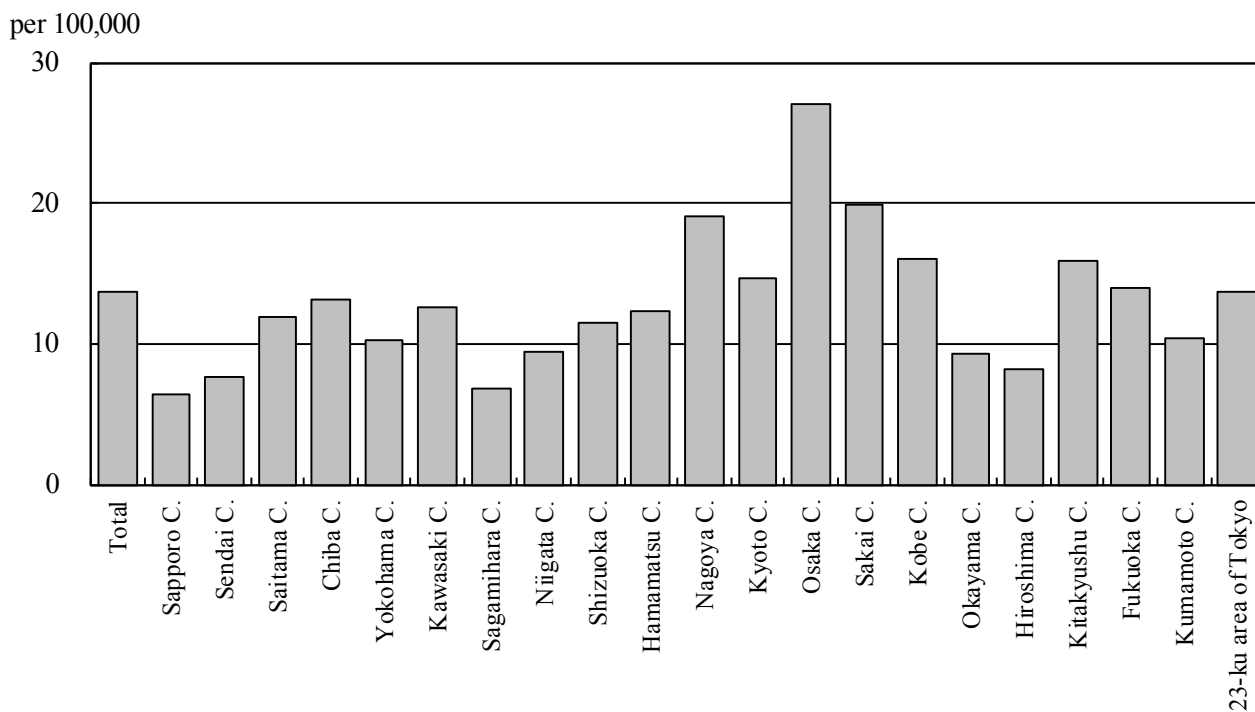


Figure 6. Number of LTBI, Japan, 2016-2019

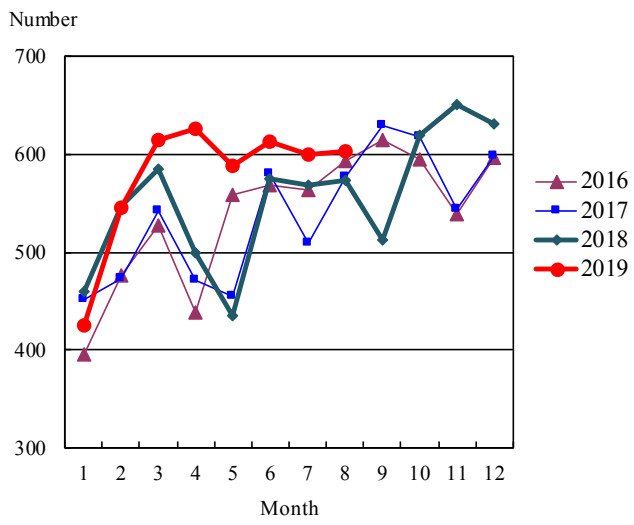


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Aug.) 2019

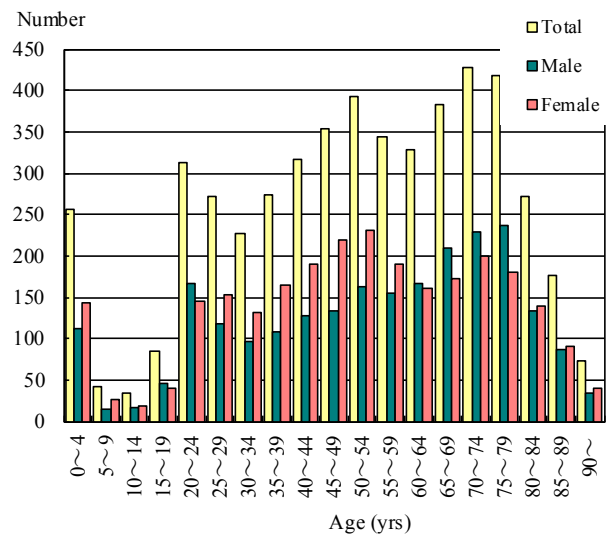


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2019

	Jan.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,135	676	459	9,417	5,592	3,825	11.2	13.6	8.8
0~4	2	0	2	14	5	9	0.4	0.3	0.6
5~9	1	1	0	6	5	1	0.2	0.3	0.1
10~14	1	1	0	9	6	3	0.3	0.3	0.2
15~19	8	6	2	98	59	39	2.5	2.9	2.0
20~24	37	24	13	418	274	144	9.9	12.6	7.0
25~29	42	26	16	355	195	160	8.6	9.2	7.9
30~34	32	16	16	233	133	100	5.0	5.6	4.4
35~39	31	16	15	246	132	114	4.8	5.1	4.5
40~44	36	20	16	276	168	108	4.6	5.5	3.6
45~49	46	31	15	345	198	147	5.4	6.1	4.6
50~54	33	24	9	350	238	112	6.3	8.5	4.0
55~59	43	26	17	360	243	117	7.1	9.5	4.6
60~64	37	26	11	383	270	113	7.6	10.8	4.4
65~69	68	49	19	581	396	185	9.3	13.1	5.7
70~74	99	65	34	764	533	231	13.9	20.7	7.9
75~79	142	100	42	1,086	722	364	23.5	34.9	14.3
80~84	165	96	69	1,219	703	516	34.2	48.1	24.5
85~89	163	96	67	1,396	736	660	59.6	90.1	43.3
90~	149	53	96	1,278	576	702	87.8	160.8	64.0

Temporary registrants = 88, Total of registrants and temporary registrants = 1,223

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

Population: as of 1st Oct. 2018

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

	Jan.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	383	236	147	3,257	2,085	1,172	3.9	5.1	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	1	0	1	0.0	0.0	0.1
15~19	3	2	1	23	16	7	0.6	0.8	0.4
20~24	12	9	3	111	81	30	2.6	3.7	1.5
25~29	12	9	3	74	42	32	1.8	2.0	1.6
30~34	5	1	4	43	21	22	0.9	0.9	1.0
35~39	7	6	1	71	44	27	1.4	1.7	1.1
40~44	7	5	2	77	56	21	1.3	1.8	0.7
45~49	16	11	5	107	78	29	1.7	2.4	0.9
50~54	14	11	3	129	105	24	2.3	3.7	0.9
55~59	15	10	5	119	95	24	2.3	3.7	0.9
60~64	15	12	3	119	91	28	2.4	3.6	1.1
65~69	23	18	5	212	167	45	3.4	5.5	1.4
70~74	29	22	7	265	200	65	4.8	7.8	2.2
75~79	41	27	14	379	266	113	8.2	12.9	4.4
80~84	52	32	20	416	251	165	11.7	17.2	7.8
85~89	69	38	31	568	314	254	24.2	38.4	16.6
90~	63	23	40	543	258	285	37.3	72.0	26.0

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

Population: as of 1st Oct. 2018

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

	Jan.		Summation (Jan.-Aug.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,135	383	9,417	3,257	11.2	3.9
Hokkaido	25	5	246	76	7.0	2.2
Aomori	14	3	85	34	10.1	4.0
Iwate	4	2	53	22	6.4	2.7
Miyagi	6	1	118	38	7.6	2.5
Akita	8	3	41	16	6.3	2.4
Yamagata	4	1	52	23	7.2	3.2
Fukushima	5	4	67	21	5.4	1.7
Ibaraki	15	3	184	56	9.6	2.9
Tochigi	13	6	128	56	9.9	4.3
Gunma	11	4	99	30	7.6	2.3
Saitama	67	23	522	178	10.7	3.6
Chiba	63	24	476	169	11.4	4.1
Tokyo	142	46	1,164	381	12.6	4.1
Kanagawa	86	25	643	199	10.5	3.3
Niigata	9	0	120	32	8.0	2.1
Toyama	10	1	75	18	10.7	2.6
Ishikawa	6	3	74	27	9.7	3.5
Fukui	2	2	27	7	5.2	1.4
Yamanashi	2	1	25	11	4.6	2.0
Nagano	11	6	106	42	7.7	3.1
Gifu	33	12	201	71	15.1	5.3
Shizuoka	25	3	235	80	9.6	3.3
Aichi	79	28	651	214	13.0	4.3
Mie	12	4	106	37	8.9	3.1
Shiga	11	3	93	29	9.9	3.1
Kyoto	27	13	212	81	12.3	4.7
Osaka	138	54	1,121	439	19.1	7.5
Hyogo	59	26	489	180	13.4	4.9
Nara	15	5	127	53	14.2	5.9
Wakayama	7	4	79	34	12.7	5.5
Tottori	4	0	22	4	5.9	1.1
Shimane	2	2	21	9	4.6	2.0
Okayama	14	7	130	48	10.3	3.8
Hiroshima	19	5	173	58	9.2	3.1
Yamaguchi	16	2	109	33	11.9	3.6
Tokushima	6	5	57	23	11.6	4.7
Kagawa	10	1	64	20	10.0	3.1
Ehime	12	4	70	27	7.8	3.0
Kochi	8	3	57	20	12.1	4.2
Fukuoka	61	15	432	124	12.7	3.6
Saga	10	4	68	25	12.5	4.6
Nagasaki	10	0	108	33	12.1	3.7
Kumamoto	15	5	111	35	9.5	3.0
Oita	12	6	90	44	11.8	5.8
Miyazaki	6	3	66	28	9.2	3.9
Kagoshima	12	1	103	36	9.6	3.3
Okinawa	9	5	117	36	12.1	3.7

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

Population: as of 1st Oct. 2018

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

	Jan.		Summation (Jan.-Aug.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	434	140	3,397	1,149	13.7	4.6
Sapporo City	7	2	83	28	6.3	2.1
Sendai City	3	0	55	19	7.6	2.6
Saitama City	17	6	103	33	11.9	3.8
Chiba City	8	2	86	33	13.2	5.1
Yokohama City	26	13	256	77	10.3	3.1
Kawasaki City	26	5	127	32	12.6	3.2
Sagamihara City	5	0	33	14	6.8	2.9
Niigata City	3	0	50	13	9.4	2.4
Shizuoka City	7	2	54	20	11.5	4.3
Hamamatsu City	9	1	65	14	12.3	2.6
Nagoya City	47	17	295	110	19.1	7.1
Kyoto City	21	9	143	57	14.6	5.8
Osaka City	61	25	491	196	27.0	10.8
Sakai City	11	3	111	50	19.9	8.9
Kobe City	19	7	163	48	16.0	4.7
Okayama City	7	4	44	13	9.3	2.7
Hiroshima City	6	2	65	21	8.1	2.6
Kitakyushu City	18	3	100	21	15.9	3.3
Fukuoka City	20	4	147	44	14.0	4.2
Kumamoto City	7	3	51	20	10.3	4.1
23-ku area of Tokyo	106	32	875	286	13.8	4.5

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

Population: as of 1st Oct. 2018

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.-Aug.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	603	268	335	4,983	2,348	2,635	0.5	0.4	0.7
0~4	20	6	14	256	112	144	18.3	22.4	16.0
5~9	6	1	5	41	15	26	6.8	3.0	26.0
10~14	12	7	5	35	16	19	3.9	2.7	6.3
15~19	17	9	8	85	45	40	0.9	0.8	1.0
20~24	27	15	12	312	166	146	0.7	0.6	1.0
25~29	21	11	10	271	118	153	0.8	0.6	1.0
30~34	30	14	16	227	96	131	1.0	0.7	1.3
35~39	31	11	20	274	109	165	1.1	0.8	1.4
40~44	27	11	16	316	127	189	1.1	0.8	1.8
45~49	44	13	31	353	134	219	1.0	0.7	1.5
50~54	42	15	27	393	162	231	1.1	0.7	2.1
55~59	48	20	28	344	154	190	1.0	0.6	1.6
60~64	44	18	26	328	167	161	0.9	0.6	1.4
65~69	43	24	19	382	210	172	0.7	0.5	0.9
70~74	65	37	28	428	228	200	0.6	0.4	0.9
75~79	60	32	28	417	236	181	0.4	0.3	0.5
80~84	27	10	17	272	133	139	0.2	0.2	0.3
85~89	26	8	18	176	86	90	0.1	0.1	0.1
90~	13	6	7	73	34	39	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

	Jan.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	603	4,983	0.53
Hokkaido	21	174	0.71
Aomori	8	76	0.89
Iwate	6	52	0.98
Miyagi	13	109	0.92
Akita	4	28	0.68
Yamagata	4	26	0.50
Fukushima	6	37	0.55
Ibaraki	11	125	0.68
Tochigi	4	43	0.34
Gunma	5	47	0.47
Saitama	31	314	0.60
Chiba	19	230	0.48
Tokyo	77	659	0.57
Kanagawa	42	332	0.52
Niigata	13	87	0.73
Toyama	4	47	0.63
Ishikawa	3	36	0.49
Fukui	2	10	0.37
Yamanashi	1	16	0.64
Nagano	10	90	0.85
Gifu	10	64	0.32
Shizuoka	10	72	0.31
Aichi	31	291	0.45
Mie	13	64	0.60
Shiga	5	55	0.59
Kyoto	7	106	0.50
Osaka	82	489	0.44
Hyogo	42	242	0.49
Nara	12	61	0.48
Wakayama	3	29	0.37
Tottori	1	4	0.18
Shimane	2	8	0.38
Okayama	4	80	0.62
Hiroshima	8	104	0.60
Yamaguchi	1	44	0.40
Tokushima	1	22	0.39
Kagawa	2	24	0.38
Ehime	5	26	0.37
Kochi	3	22	0.39
Fukuoka	25	234	0.54
Saga	3	27	0.40
Nagasaki	4	37	0.34
Kumamoto	2	26	0.23
Oita	9	52	0.58
Miyazaki	4	63	0.95
Kagoshima	22	105	1.02
Okinawa	8	94	0.80

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.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	221	1,708	0.50
Sapporo City	13	95	1.14
Sendai City	7	51	0.93
Saitama City	5	43	0.42
Chiba City	4	37	0.43
Yokohama City	10	95	0.37
Kawasaki City	13	90	0.71
Sagamihara City	2	19	0.58
Niigata City	7	40	0.80
Shizuoka City	2	18	0.33
Hamamatsu City	6	15	0.23
Nagoya City	12	113	0.38
Kyoto City	6	65	0.45
Osaka City	30	211	0.43
Sakai City	18	62	0.56
Kobe City	11	69	0.42
Okayama City	3	44	1.00
Hiroshima City	2	35	0.54
Kitakyushu City	2	37	0.37
Fukuoka City	18	98	0.67
Kumamoto City	1	14	0.27
23-ku area of Tokyo	49	457	0.52

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