



Monthly Report of Tuberculosis Surveillance, Japan – September, 2020

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, 2017-2020

Figure 2. Newly notified TB cases by sex and age, Japan, summation (Jan. - Sep.) 2020

Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan. - Sep.) 2020

Figure 4. Notification rate of TB by prefecture, Japan, summation (Jan. - Sep.) 2020

Figure 5. Notification rate of TB by major city, Japan, summation (Jan. - Sep.) 2020

Figure 6. Number of LTBI, Japan, 2020

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan. - Sep.) 2017-2020

Tables

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2020

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2020

Table 4. Newly notified TB cases and rates by major city, Japan, 2020

Table 5. LTBI cases and rates by sex and age, Japan, 2020

Table 6. LTBI cases and rates by prefecture, Japan, 2020

Table 7. LTBI cases and rates by major city, Japan, 2020

Figure 1. Number of newly notified TB cases by month, Japan, 2017-2020

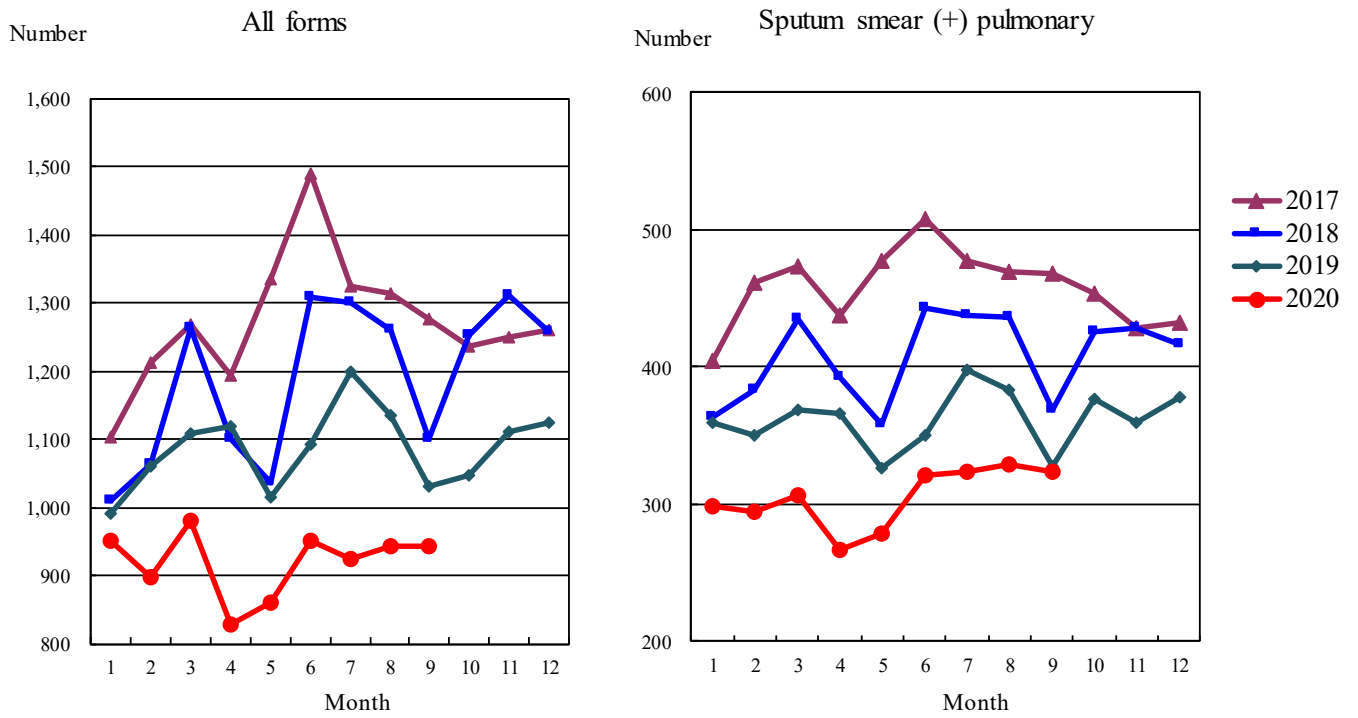


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Sep.) 2020

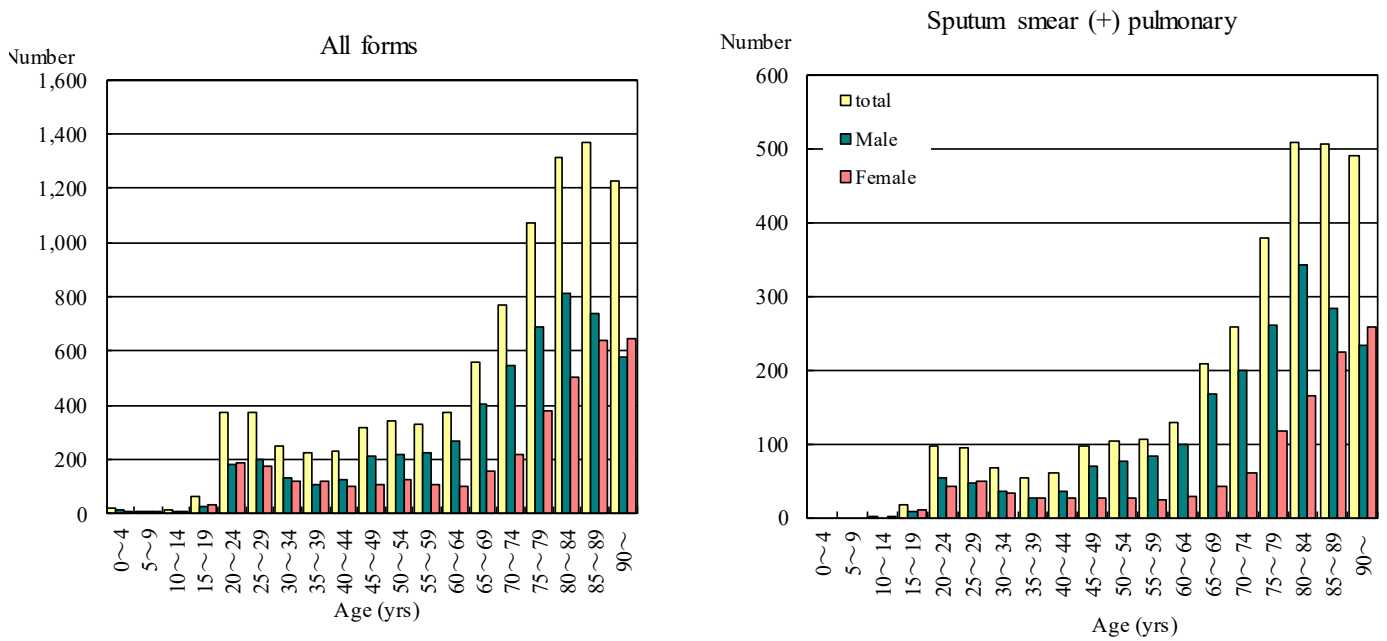


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Sep.) 2020

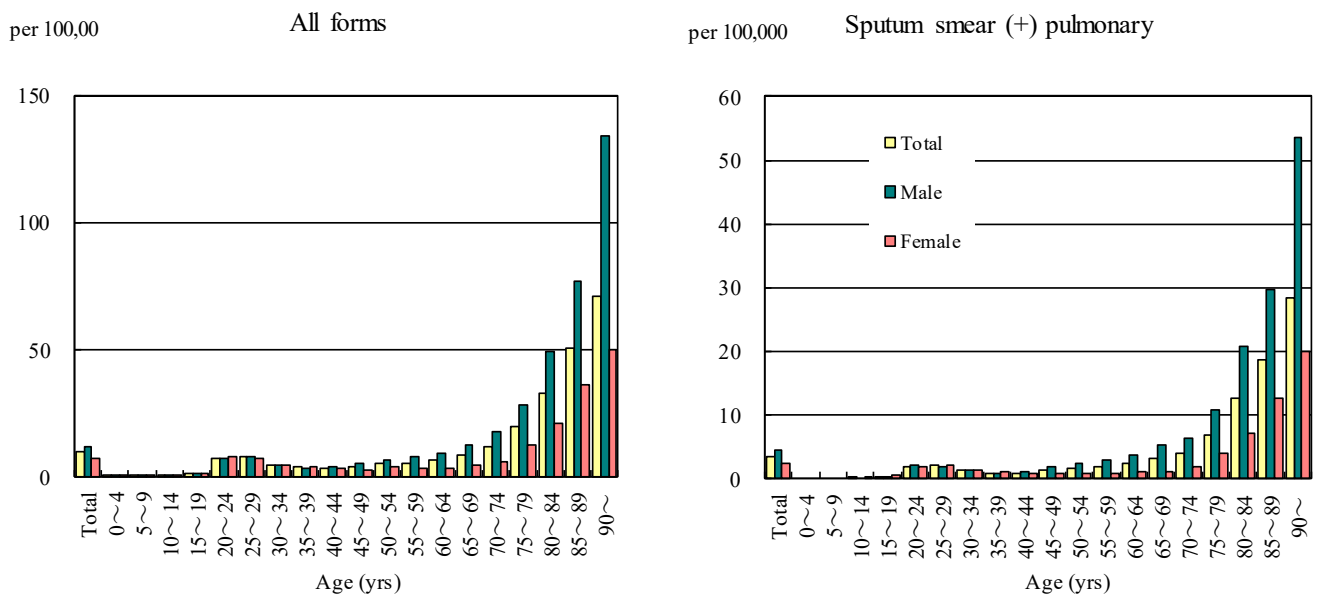


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Sep.) 2020

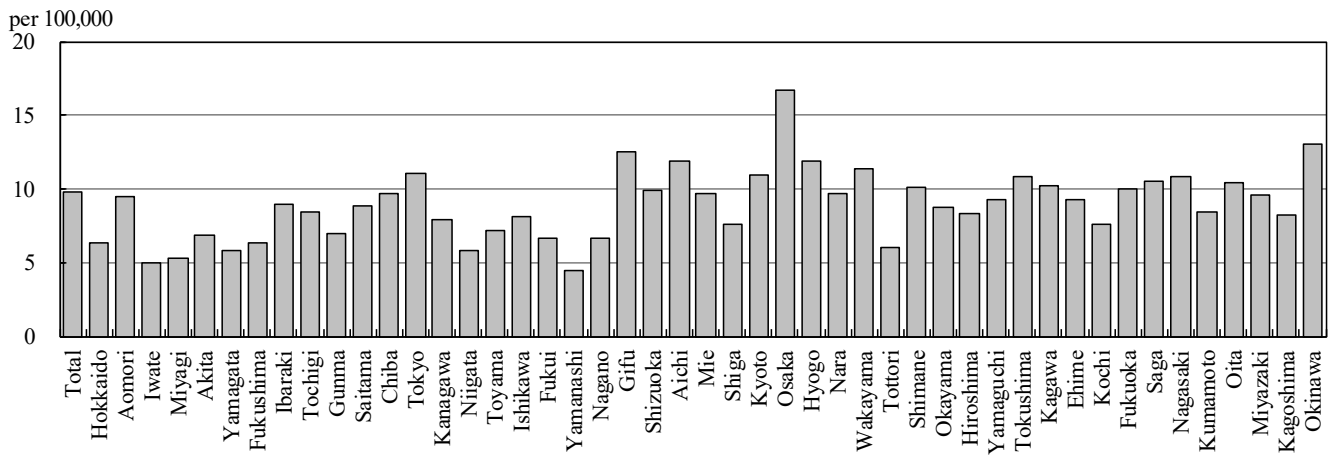


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Sep.) 2020

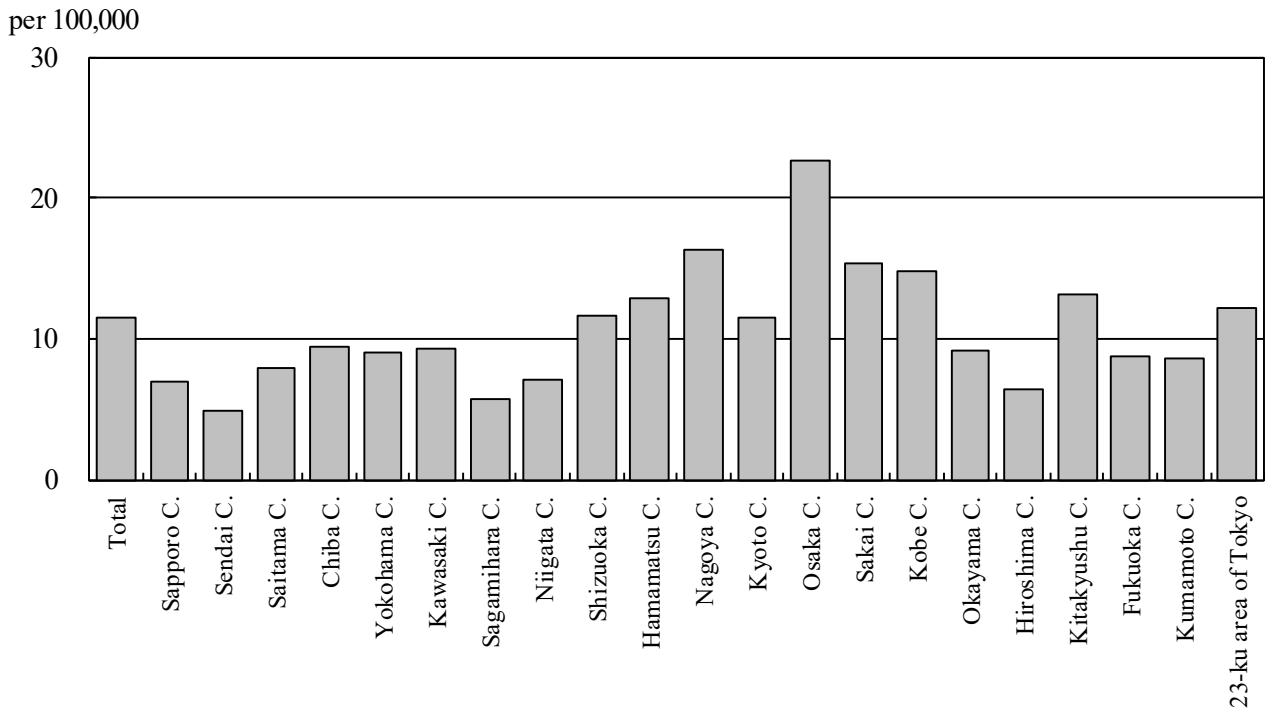


Figure 6. Number of LTBI, Japan, 2017-2020

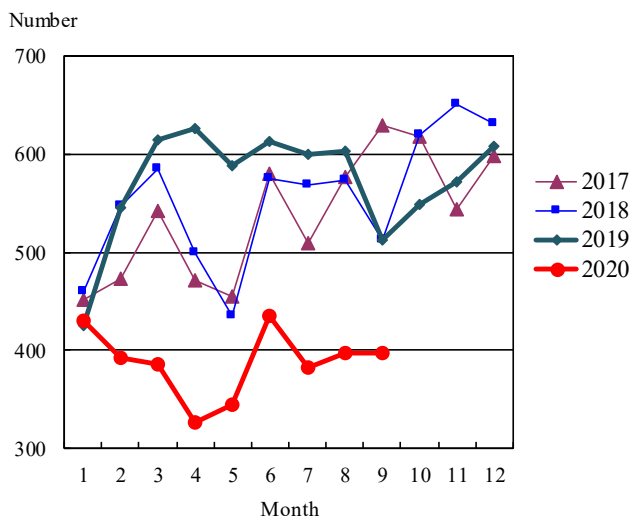


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Sep.) 2020

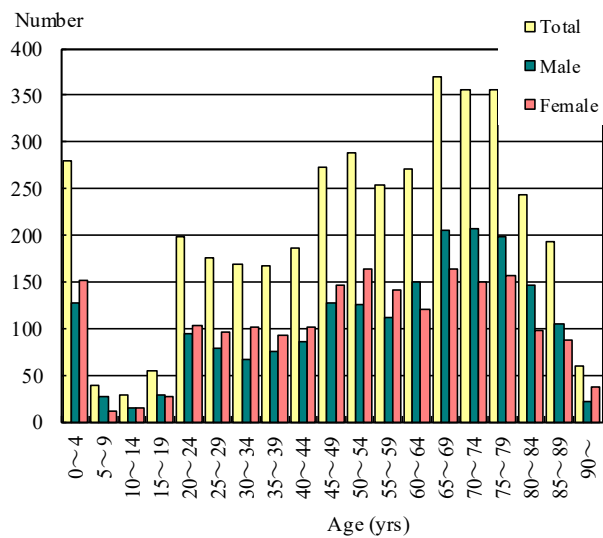


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

	Sep.			Summation (Jan.-Sep.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	943	554	389	9,228	5,492	3,736	9.8	11.9	7.7
0~4	3	1	2	20	12	8	0.6	0.7	0.5
5~9	0	0	0	8	6	2	0.2	0.3	0.1
10~14	1	1	0	12	6	6	0.3	0.3	0.3
15~19	5	2	3	63	29	34	1.4	1.3	1.6
20~24	34	23	11	371	184	187	7.7	7.4	8.1
25~29	31	15	16	371	198	173	7.9	8.2	7.6
30~34	29	13	16	250	129	121	4.9	5.0	4.9
35~39	28	10	18	226	105	121	4.0	3.7	4.3
40~44	27	14	13	230	128	102	3.5	3.9	3.2
45~49	28	19	9	318	211	107	4.3	5.7	2.9
50~54	28	14	14	345	217	128	5.4	6.7	4.0
55~59	31	23	8	331	226	105	5.7	7.8	3.6
60~64	43	30	13	372	270	102	6.6	9.7	3.6
65~69	57	41	16	560	404	156	8.6	12.8	4.6
70~74	87	55	32	768	548	220	11.8	17.8	6.4
75~79	112	82	30	1,069	690	379	19.7	28.4	12.6
80~84	129	75	54	1,315	814	501	32.9	49.4	21.3
85~89	143	75	68	1,371	735	636	50.6	76.9	36.3
90~	127	61	66	1,228	580	648	70.9	133.9	49.9

Temporary registrants = 53, Total of registrants and temporary registrants = 996

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2020

	Sep.			Summation (Jan.-Sep.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	323	200	123	3,175	2,016	1,159	3.4	4.4	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	2	0	2	0.0	0.0	0.1
15~19	1	1	0	18	8	10	0.4	0.4	0.5
20~24	9	6	3	96	54	42	2.0	2.2	1.8
25~29	10	6	4	95	47	48	2.0	1.9	2.1
30~34	6	2	4	67	35	32	1.3	1.4	1.3
35~39	4	3	1	54	27	27	1.0	0.9	1.0
40~44	4	4	0	61	35	26	0.9	1.1	0.8
45~49	9	4	5	96	69	27	1.3	1.9	0.7
50~54	8	4	4	103	76	27	1.6	2.4	0.8
55~59	11	10	1	106	83	23	1.8	2.9	0.8
60~64	13	8	5	128	100	28	2.3	3.6	1.0
65~69	23	17	6	207	166	41	3.2	5.2	1.2
70~74	30	20	10	259	198	61	4.0	6.4	1.8
75~79	42	32	10	379	261	118	7.0	10.7	3.9
80~84	54	38	16	507	342	165	12.7	20.7	7.0
85~89	53	28	25	506	283	223	18.7	29.6	12.7
90~	46	17	29	491	232	259	28.3	53.6	19.9

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2020

	Sep.		Summation (Jan.-Sep.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	943	323	9,228	3,175	9.8	3.4
Hokkaido	25	10	251	101	6.4	2.6
Aomori	4	2	89	44	9.5	4.7
Iwate	0	0	46	16	5.0	1.7
Miyagi	12	6	91	42	5.3	2.4
Akita	4	1	50	17	6.9	2.3
Yamagata	4	1	47	21	5.8	2.6
Fukushima	6	3	87	26	6.3	1.9
Ibaraki	21	8	191	52	8.9	2.4
Tochigi	8	0	123	39	8.5	2.7
Gunma	6	1	101	33	6.9	2.3
Saitama	51	14	485	151	8.8	2.7
Chiba	43	17	453	162	9.6	3.5
Tokyo	115	41	1,154	408	11.1	3.9
Kanagawa	42	18	546	201	7.9	2.9
Niigata	15	3	97	23	5.8	1.4
Toyama	6	1	56	18	7.2	2.3
Ishikawa	6	0	69	22	8.1	2.6
Fukui	7	0	38	9	6.6	1.6
Yamanashi	1	0	27	5	4.4	0.8
Nagano	12	6	102	36	6.6	2.3
Gifu	15	6	187	58	12.6	3.9
Shizuoka	24	5	271	81	9.9	3.0
Aichi	88	23	671	212	11.8	3.7
Mie	11	3	130	33	9.7	2.5
Shiga	4	0	81	29	7.6	2.7
Kyoto	23	9	211	75	10.9	3.9
Osaka	122	54	1,101	416	16.7	6.3
Hyogo	54	17	488	182	11.9	4.4
Nara	8	2	97	31	9.7	3.1
Wakayama	8	4	79	38	11.4	5.5
Tottori	3	0	25	8	6.0	1.9
Shimane	2	0	51	21	10.1	4.2
Okayama	14	6	124	33	8.7	2.3
Hiroshima	16	8	176	65	8.4	3.1
Yamaguchi	13	3	94	26	9.2	2.6
Tokushima	8	4	59	19	10.8	3.5
Kagawa	7	2	73	22	10.2	3.1
Ehime	11	2	93	35	9.3	3.5
Kochi	1	1	40	16	7.6	3.1
Fukuoka	49	16	384	122	10.0	3.2
Saga	7	4	64	27	10.5	4.4
Nagasaki	13	1	108	25	10.9	2.5
Kumamoto	14	4	111	35	8.5	2.7
Oita	10	4	89	37	10.5	4.3
Miyazaki	5	1	77	29	9.6	3.6
Kagoshima	11	5	99	28	8.2	2.3
Okinawa	14	7	142	46	13.0	4.2

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

Table 4. Newly notified TB cases and rates by major city, Japan, 2020

	Sep.		Summation (Jan.-Sep.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	339	121	3,232	1,150	11.5	4.1
Sapporo City	8	4	103	32	7.0	2.2
Sendai City	5	2	40	18	4.9	2.2
Saitama City	8	1	78	23	7.9	2.3
Chiba City	8	3	69	32	9.4	4.4
Yokohama City	15	5	252	87	9.0	3.1
Kawasaki City	13	5	106	40	9.2	3.5
Sagamihara City	4	4	31	17	5.7	3.1
Niigata City	7	1	42	11	7.0	1.8
Shizuoka City	7	3	61	24	11.6	4.6
Hamamatsu City	7	0	76	23	12.8	3.9
Nagoya City	45	14	284	99	16.3	5.7
Kyoto City	15	6	127	46	11.5	4.2
Osaka City	46	19	464	174	22.6	8.5
Sakai City	12	8	95	41	15.3	6.6
Kobe City	23	6	169	63	14.8	5.5
Okayama City	6	1	49	9	9.2	1.7
Hiroshima City	4	3	58	24	6.4	2.7
Kitakyushu City	15	3	93	25	13.2	3.5
Fukuoka City	7	3	105	35	8.8	2.9
Kumamoto City	5	1	48	13	8.7	2.3
23-ku area of Tokyo	79	29	882	314	12.2	4.3

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

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, 2020

	Sep.			Summation (Jan.-Sep.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	397	183	214	3,959	1,999	1,960	0.4	0.4	0.5
0~4	37	12	25	279	127	152	14.0	10.6	19.0
5~9	2	1	1	39	27	12	4.9	4.5	6.0
10~14	0	0	0	29	15	14	2.4	2.5	2.3
15~19	3	2	1	55	29	26	0.9	1.0	0.8
20~24	10	1	9	198	95	103	0.5	0.5	0.6
25~29	16	7	9	175	79	96	0.5	0.4	0.6
30~34	22	9	13	168	67	101	0.7	0.5	0.8
35~39	15	9	6	167	75	92	0.7	0.7	0.8
40~44	21	8	13	186	85	101	0.8	0.7	1.0
45~49	26	11	15	273	127	146	0.9	0.6	1.4
50~54	38	12	26	289	126	163	0.8	0.6	1.3
55~59	23	7	16	253	112	141	0.8	0.5	1.3
60~64	32	18	14	271	150	121	0.7	0.6	1.2
65~69	38	20	18	370	206	164	0.7	0.5	1.1
70~74	33	24	9	356	207	149	0.5	0.4	0.7
75~79	36	18	18	355	199	156	0.3	0.3	0.4
80~84	25	15	10	243	146	97	0.2	0.2	0.2
85~89	19	8	11	193	105	88	0.1	0.1	0.1
90~	1	1	0	60	22	38	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, 2020

	Sep.	Summation (Jan.-Sep.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	397	3,959	0.43
Hokkaido	25	142	0.57
Aomori	12	64	0.72
Iwate	6	31	0.67
Miyagi	3	76	0.84
Akita	2	20	0.40
Yamagata	4	19	0.40
Fukushima	2	43	0.49
Ibaraki	11	113	0.59
Tochigi	1	28	0.23
Gunma	4	36	0.36
Saitama	14	198	0.41
Chiba	22	210	0.46
Tokyo	61	561	0.49
Kanagawa	20	220	0.40
Niigata	9	44	0.45
Toyama	4	25	0.45
Ishikawa	1	22	0.32
Fukui	0	3	0.08
Yamanashi	0	16	0.59
Nagano	5	42	0.41
Gifu	2	54	0.29
Shizuoka	13	92	0.34
Aichi	26	234	0.35
Mie	2	23	0.18
Shiga	2	36	0.44
Kyoto	13	124	0.59
Osaka	44	467	0.42
Hyogo	16	169	0.35
Nara	5	48	0.49
Wakayama	2	24	0.30
Tottori	1	5	0.20
Shimane	1	24	0.47
Okayama	4	75	0.60
Hiroshima	7	77	0.44
Yamaguchi	4	36	0.38
Tokushima	0	11	0.19
Kagawa	5	29	0.40
Ehime	4	17	0.18
Kochi	0	7	0.18
Fukuoka	18	176	0.46
Saga	2	18	0.28
Nagasaki	3	30	0.28
Kumamoto	2	56	0.50
Oita	7	40	0.45
Miyazaki	1	36	0.47
Kagoshima	4	42	0.42
Okinawa	3	96	0.68

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, 2020

	Sep.	Summation (Jan.-Sep.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	156	1,428	0.44
Sapporo City	14	55	0.53
Sendai City	2	33	0.83
Saitama City	1	14	0.18
Chiba City	4	37	0.54
Yokohama City	7	72	0.29
Kawasaki City	6	69	0.65
Sagamihara City	3	19	0.61
Niigata City	4	16	0.38
Shizuoka City	4	20	0.33
Hamamatsu City	5	23	0.30
Nagoya City	9	76	0.27
Kyoto City	8	61	0.48
Osaka City	24	256	0.55
Sakai City	3	43	0.45
Kobe City	2	44	0.26
Okayama City	2	42	0.86
Hiroshima City	1	27	0.47
Kitakyushu City	7	35	0.38
Fukuoka City	8	61	0.58
Kumamoto City	1	21	0.44
23-ku area of Tokyo	41	404	0.46

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