



Monthly Report of Tuberculosis Surveillance, Japan – June, 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.

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

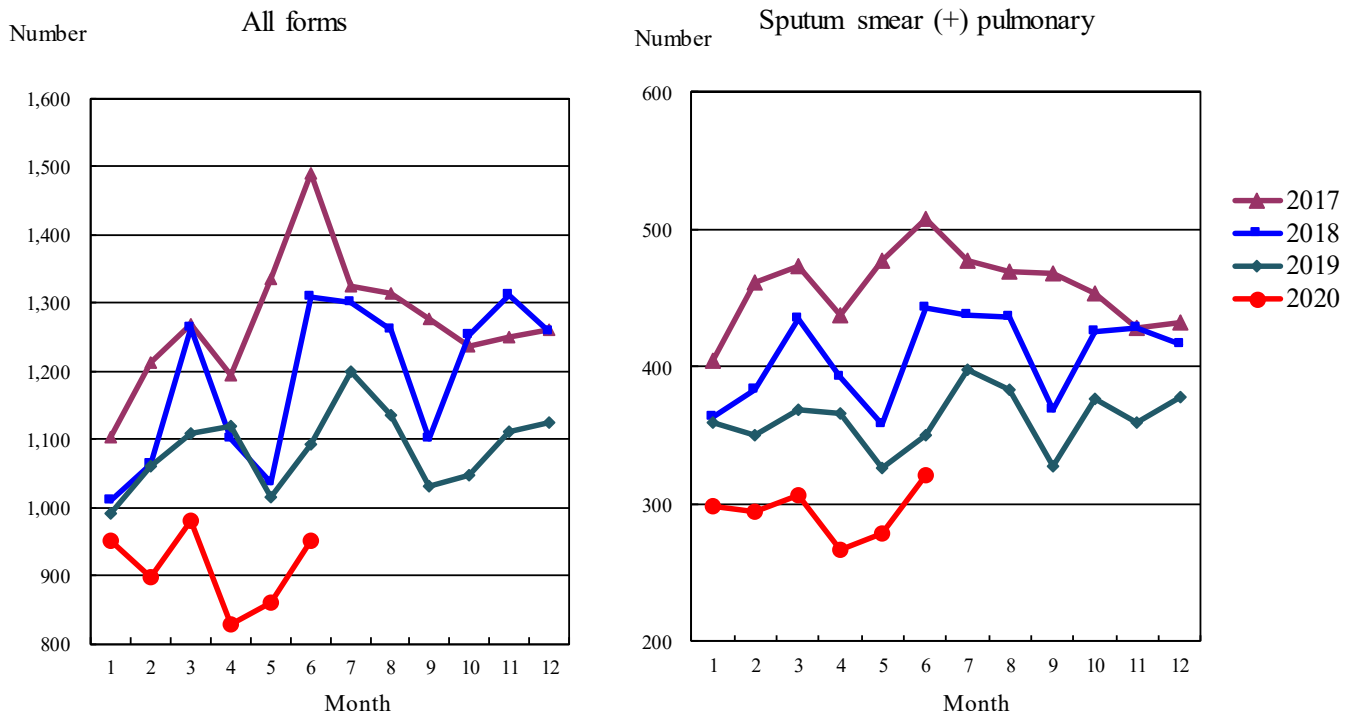


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jun.) 2020

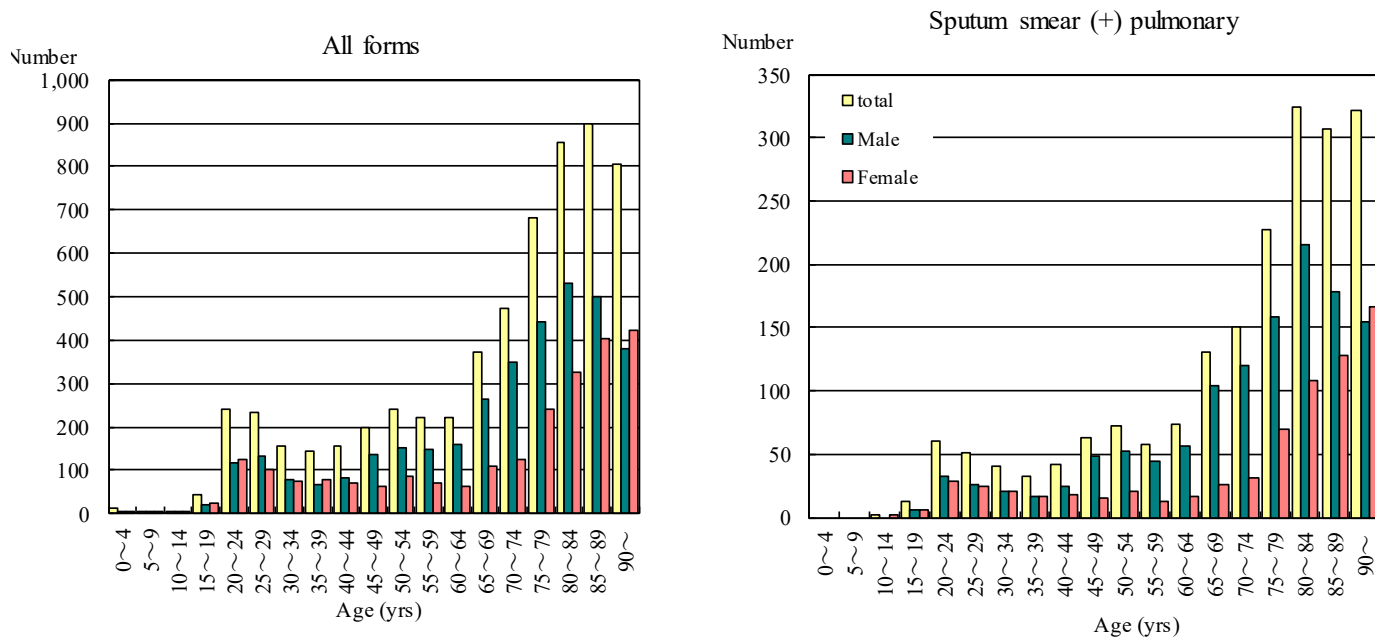


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jun.) 2020

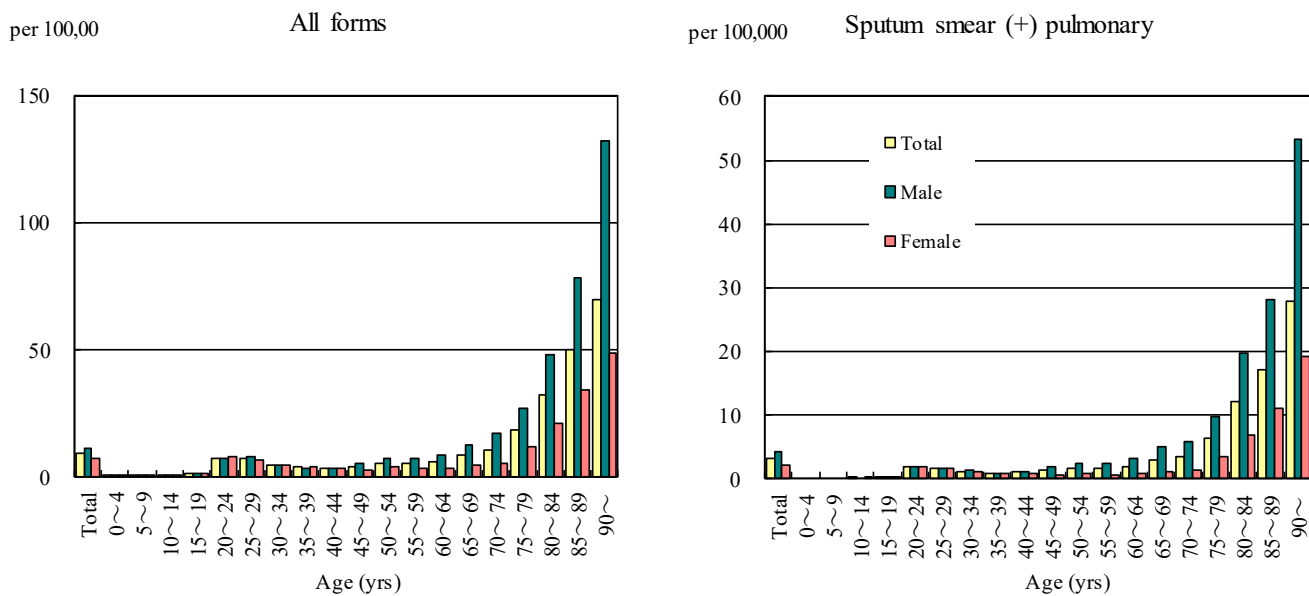


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jun.) 2020

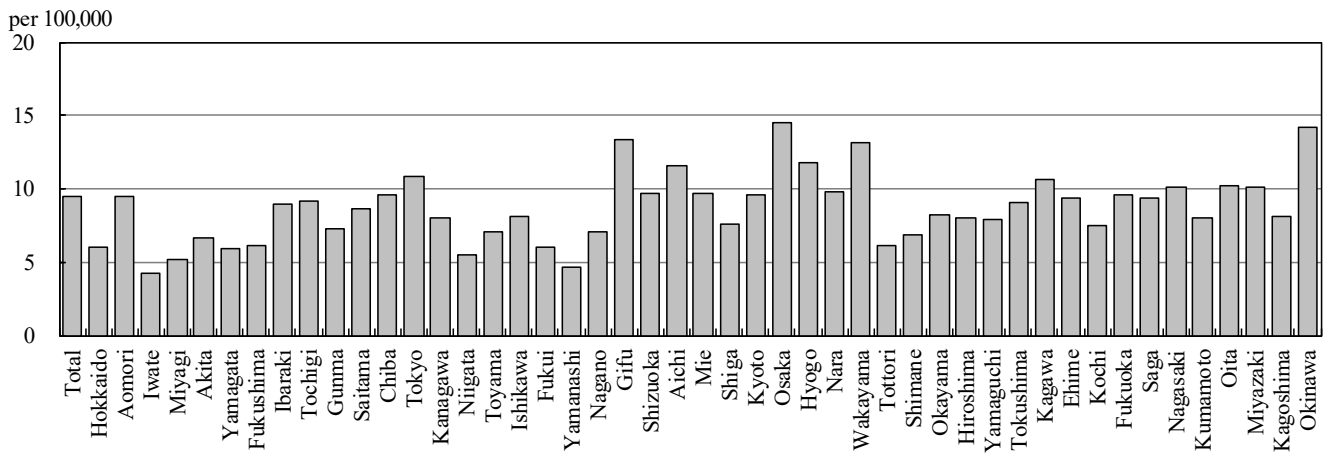


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jun.) 2020

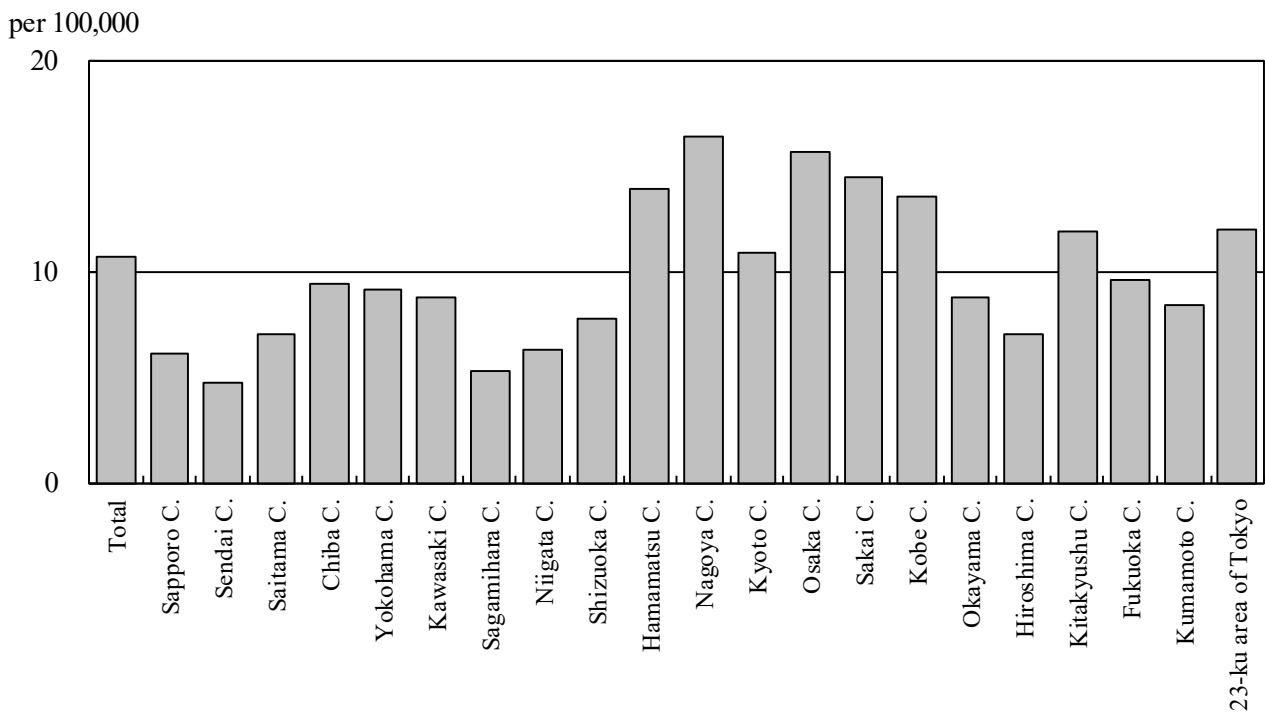


Figure 6. Number of LTBI, Japan, 2017-2020

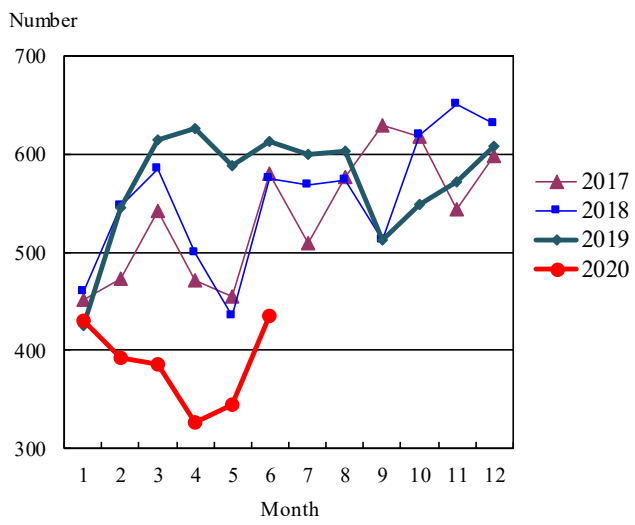


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jun.) 2020

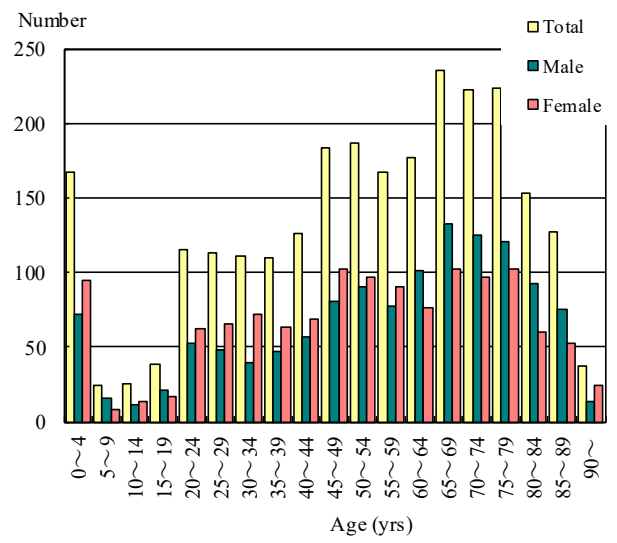


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

	Jun.			Summation (Jan.-Jun.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	952	553	399	5,963	3,573	2,390	9.5	11.6	7.4
0~4	0	0	0	11	6	5	0.5	0.5	0.4
5~9	0	0	0	3	2	1	0.1	0.2	0.1
10~14	0	0	0	6	3	3	0.2	0.2	0.2
15~19	5	3	2	45	22	23	1.5	1.5	1.6
20~24	36	14	22	240	117	123	7.5	7.1	8.0
25~29	43	24	19	234	133	101	7.5	8.3	6.7
30~34	20	7	13	154	80	74	4.6	4.6	4.5
35~39	18	9	9	145	67	78	3.8	3.5	4.2
40~44	15	8	7	155	84	71	3.6	3.8	3.3
45~49	26	20	6	200	137	63	4.1	5.5	2.6
50~54	35	17	18	241	153	88	5.6	7.1	4.1
55~59	30	21	9	221	149	72	5.7	7.7	3.7
60~64	34	23	11	222	159	63	5.9	8.6	3.3
65~69	66	47	19	372	264	108	8.5	12.5	4.8
70~74	73	53	20	473	349	124	10.9	17.0	5.4
75~79	99	65	34	680	440	240	18.8	27.2	12.0
80~84	155	93	62	856	529	327	32.1	48.1	20.9
85~89	157	90	67	900	498	402	49.8	78.2	34.4
90~	140	59	81	805	381	424	69.7	131.9	49.0

Temporary registrants = 60, Total of registrants and temporary registrants = 1,012

Rate: summation / (population*6/12)*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

	Jun.			Summation (Jan.-Jun.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	321	203	118	1,969	1,261	708	3.1	4.1	2.2
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	0.1	0.0	0.2
15~19	2	2	0	12	6	6	0.4	0.4	0.4
20~24	6	3	3	61	33	28	1.9	2.0	1.8
25~29	14	6	8	51	26	25	1.6	1.6	1.7
30~34	8	4	4	41	21	20	1.2	1.2	1.2
35~39	2	2	0	33	17	16	0.9	0.9	0.9
40~44	3	1	2	42	24	18	1.0	1.1	0.8
45~49	8	7	1	63	48	15	1.3	1.9	0.6
50~54	9	4	5	72	52	20	1.7	2.4	0.9
55~59	10	9	1	58	45	13	1.5	2.3	0.7
60~64	17	11	6	73	57	16	1.9	3.1	0.8
65~69	24	18	6	130	104	26	3.0	4.9	1.2
70~74	22	18	4	151	120	31	3.5	5.9	1.4
75~79	43	31	12	228	159	69	6.3	9.8	3.4
80~84	48	33	15	324	216	108	12.2	19.7	6.9
85~89	48	30	18	307	179	128	17.0	28.1	11.0
90~	57	24	33	321	154	167	27.8	53.3	19.3

Rate: summation / (population*6/12)*100,000

Population: as of 1st Oct. 2019

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

	Jun.		Summation (Jan.-Jun.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	952	321	5,963	1,969	9.5	3.1
Hokkaido	28	15	159	54	6.1	2.1
Aomori	12	6	59	28	9.5	4.5
Iwate	5	2	26	12	4.2	2.0
Miyagi	6	5	60	28	5.2	2.4
Akita	9	4	32	13	6.6	2.7
Yamagata	2	1	32	13	5.9	2.4
Fukushima	9	2	57	14	6.2	1.5
Ibaraki	18	3	128	31	9.0	2.2
Tochigi	14	8	89	33	9.2	3.4
Gunma	15	6	71	23	7.3	2.4
Saitama	58	16	316	92	8.6	2.5
Chiba	45	12	301	105	9.6	3.4
Tokyo	120	48	753	257	10.8	3.7
Kanagawa	59	20	367	134	8.0	2.9
Niigata	5	1	61	15	5.5	1.3
Toyama	9	4	37	11	7.1	2.1
Ishikawa	11	2	46	11	8.1	1.9
Fukui	3	0	23	6	6.0	1.6
Yamanashi	1	0	19	4	4.7	1.0
Nagano	13	4	72	20	7.0	2.0
Gifu	33	7	133	32	13.4	3.2
Shizuoka	23	8	177	50	9.7	2.7
Aichi	65	17	435	136	11.5	3.6
Mie	19	1	86	22	9.7	2.5
Shiga	6	0	54	22	7.6	3.1
Kyoto	20	7	124	41	9.6	3.2
Osaka	67	29	640	239	14.5	5.4
Hyogo	54	18	323	113	11.8	4.1
Nara	15	6	65	18	9.8	2.7
Wakayama	11	7	61	29	13.2	6.3
Tottori	1	1	17	6	6.1	2.2
Shimane	5	1	23	7	6.8	2.1
Okayama	8	4	78	20	8.3	2.1
Hiroshima	23	6	113	40	8.1	2.9
Yamaguchi	4	1	54	15	8.0	2.2
Tokushima	9	2	33	10	9.1	2.7
Kagawa	7	1	51	15	10.7	3.1
Ehime	18	7	63	25	9.4	3.7
Kochi	3	1	26	9	7.4	2.6
Fukuoka	56	16	244	78	9.6	3.1
Saga	4	2	38	12	9.3	2.9
Nagasaki	8	2	67	17	10.1	2.6
Kumamoto	11	4	70	19	8.0	2.2
Oita	10	4	58	26	10.2	4.6
Miyazaki	5	2	54	20	10.1	3.7
Kagoshima	11	3	65	13	8.1	1.6
Okinawa	14	5	103	31	14.2	4.3

Rate: summation / (population*6/12)*100,000

Population: as of 1st Oct. 2019

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

	Jun.		Summation (Jan.-Jun.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	273	100	2,002	701	10.7	3.8
Sapporo City	9	6	60	14	6.1	1.4
Sendai City	1	1	26	12	4.8	2.2
Saitama City	10	4	46	18	7.0	2.7
Chiba City	4	2	46	24	9.4	4.9
Yokohama City	21	5	171	58	9.1	3.1
Kawasaki City	16	5	67	25	8.8	3.3
Sagamihara City	5	3	19	10	5.3	2.8
Niigata City	4	1	25	8	6.3	2.0
Shizuoka City	2	0	27	11	7.7	3.1
Hamamatsu City	11	4	55	17	13.9	4.3
Nagoya City	30	7	191	66	16.4	5.7
Kyoto City	15	6	80	27	10.9	3.7
Osaka City	1	0	214	78	15.6	5.7
Sakai City	4	1	60	28	14.5	6.8
Kobe City	12	6	103	38	13.5	5.0
Okayama City	0	0	31	5	8.7	1.4
Hiroshima City	8	2	42	17	7.0	2.8
Kitakyushu City	18	5	56	15	11.9	3.2
Fukuoka City	14	4	76	26	9.5	3.3
Kumamoto City	1	1	31	6	8.4	1.6
23-ku area of Tokyo	87	37	576	198	12.0	4.1

Rate: summation / (population*6/12)*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

	Jun.			Summation (Jan.-Jun.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	436	218	218	2,540	1,273	1,267	0.4	0.4	0.5
0~4	25	10	15	167	72	95	15.2	12.0	19.0
5~9	4	3	1	24	16	8	8.0	8.0	8.0
10~14	6	3	3	25	11	14	4.2	3.7	4.7
15~19	2	1	1	38	21	17	0.8	1.0	0.7
20~24	13	4	9	115	53	62	0.5	0.5	0.5
25~29	16	8	8	113	48	65	0.5	0.4	0.6
30~34	21	8	13	111	39	72	0.7	0.5	1.0
35~39	23	8	15	110	47	63	0.8	0.7	0.8
40~44	21	10	11	126	57	69	0.8	0.7	1.0
45~49	26	11	15	183	81	102	0.9	0.6	1.6
50~54	36	20	16	187	90	97	0.8	0.6	1.1
55~59	28	14	14	167	77	90	0.8	0.5	1.3
60~64	30	20	10	177	101	76	0.8	0.6	1.2
65~69	53	27	26	235	133	102	0.6	0.5	0.9
70~74	35	16	19	222	125	97	0.5	0.4	0.8
75~79	35	20	15	223	121	102	0.3	0.3	0.4
80~84	27	21	6	153	93	60	0.2	0.2	0.2
85~89	26	11	15	127	75	52	0.1	0.2	0.1
90~	9	3	6	37	13	24	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

	Jun.	Summation (Jan.-Jun.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	436	2,540	0.43
Hokkaido	12	68	0.43
Aomori	8	42	0.71
Iwate	3	18	0.69
Miyagi	9	54	0.90
Akita	1	11	0.34
Yamagata	1	13	0.41
Fukushima	6	37	0.65
Ibaraki	10	66	0.52
Tochigi	4	20	0.22
Gunma	5	22	0.31
Saitama	17	141	0.45
Chiba	31	120	0.40
Tokyo	68	354	0.47
Kanagawa	22	151	0.41
Niigata	7	32	0.52
Toyama	3	17	0.46
Ishikawa	2	16	0.35
Fukui	0	2	0.09
Yamanashi	1	10	0.53
Nagano	15	31	0.43
Gifu	7	40	0.30
Shizuoka	11	47	0.27
Aichi	28	171	0.39
Mie	2	19	0.22
Shiga	5	27	0.50
Kyoto	9	68	0.55
Osaka	27	253	0.40
Hyogo	19	112	0.35
Nara	4	34	0.52
Wakayama	2	13	0.21
Tottori	1	3	0.18
Shimane	1	13	0.57
Okayama	7	46	0.59
Hiroshima	10	54	0.48
Yamaguchi	3	21	0.39
Tokushima	3	9	0.27
Kagawa	4	17	0.33
Ehime	0	10	0.16
Kochi	3	6	0.23
Fukuoka	10	128	0.52
Saga	2	10	0.26
Nagasaki	1	20	0.30
Kumamoto	6	34	0.49
Oita	10	29	0.50
Miyazaki	11	25	0.46
Kagoshima	7	30	0.46
Okinawa	18	76	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, 2020

	Jun.	Summation (Jan.-Jun.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	131	852	0.43
Sapporo City	6	28	0.47
Sendai City	4	20	0.77
Saitama City	1	9	0.20
Chiba City	4	22	0.48
Yokohama City	8	46	0.27
Kawasaki City	5	49	0.73
Sagamihara City	3	12	0.63
Niigata City	4	11	0.44
Shizuoka City	5	10	0.37
Hamamatsu City	3	10	0.18
Nagoya City	10	57	0.30
Kyoto City	4	37	0.46
Osaka City	1	99	0.46
Sakai City	4	31	0.52
Kobe City	7	35	0.34
Okayama City	5	27	0.87
Hiroshima City	5	21	0.50
Kitakyushu City	4	19	0.34
Fukuoka City	1	46	0.61
Kumamoto City	3	15	0.48
23-ku area of Tokyo	44	248	0.43

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