



Monthly Report of Tuberculosis Surveillance, Japan - June, 2018

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, 2015-2018

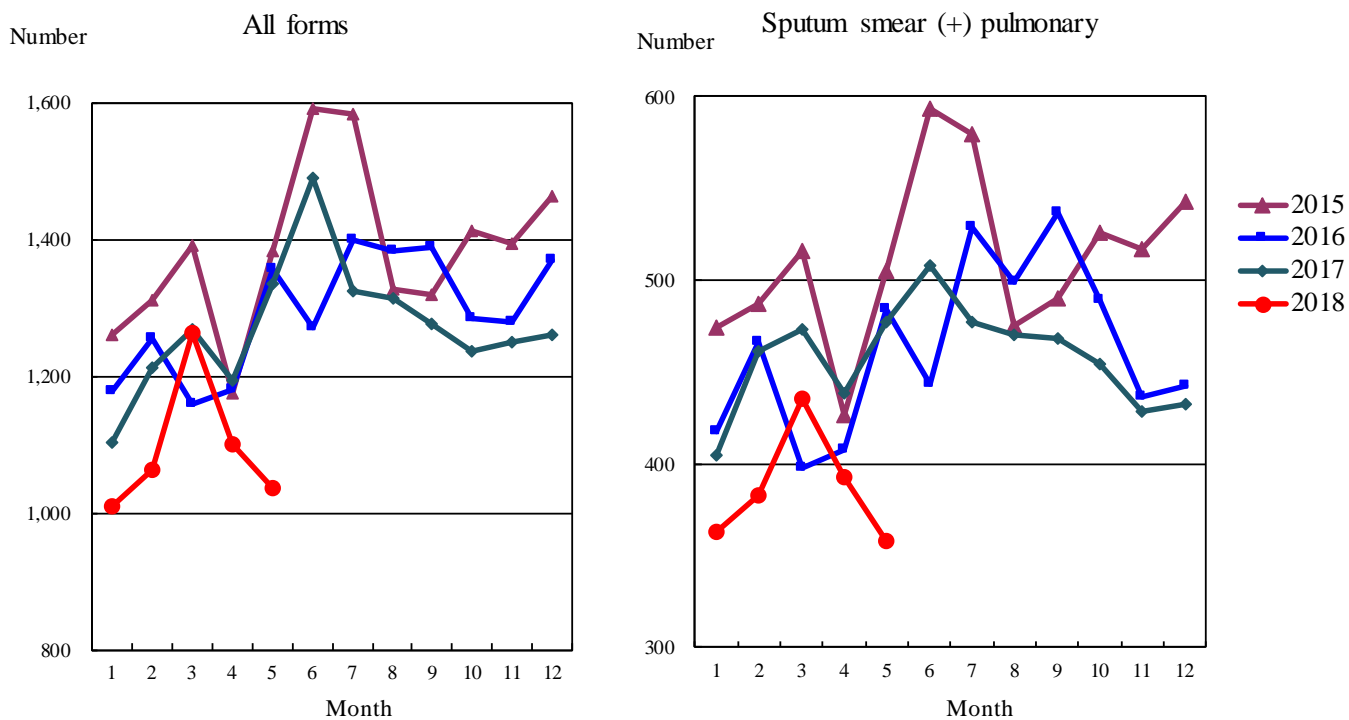


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jun.) 2018

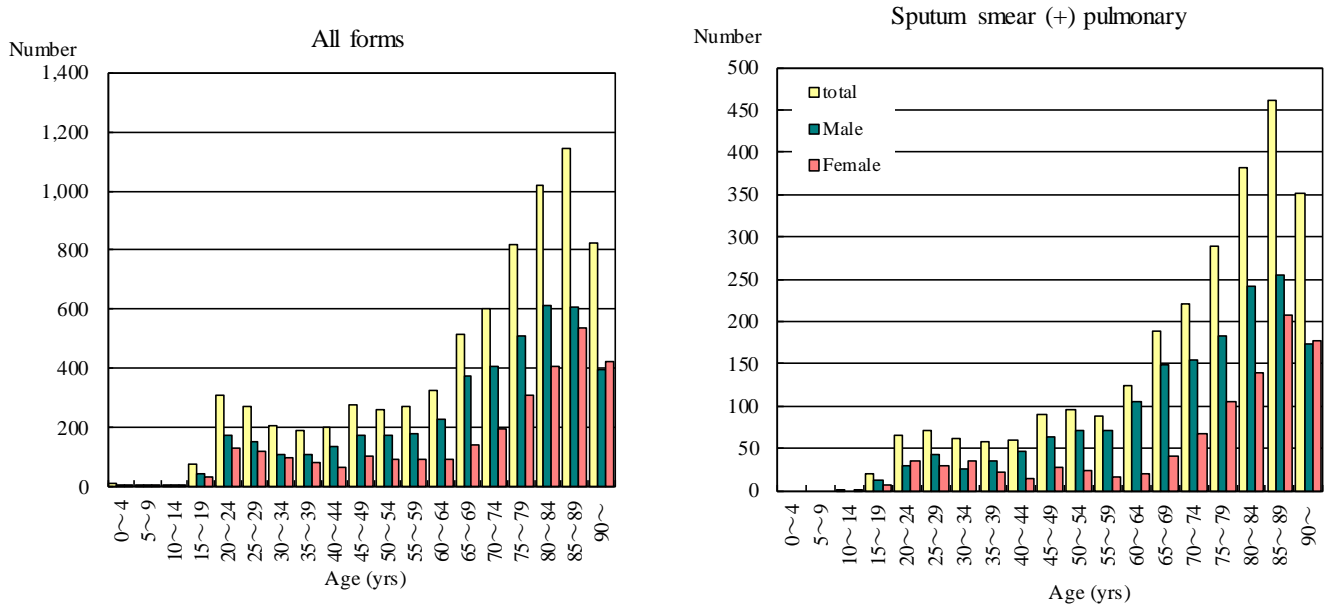


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jun.) 2018

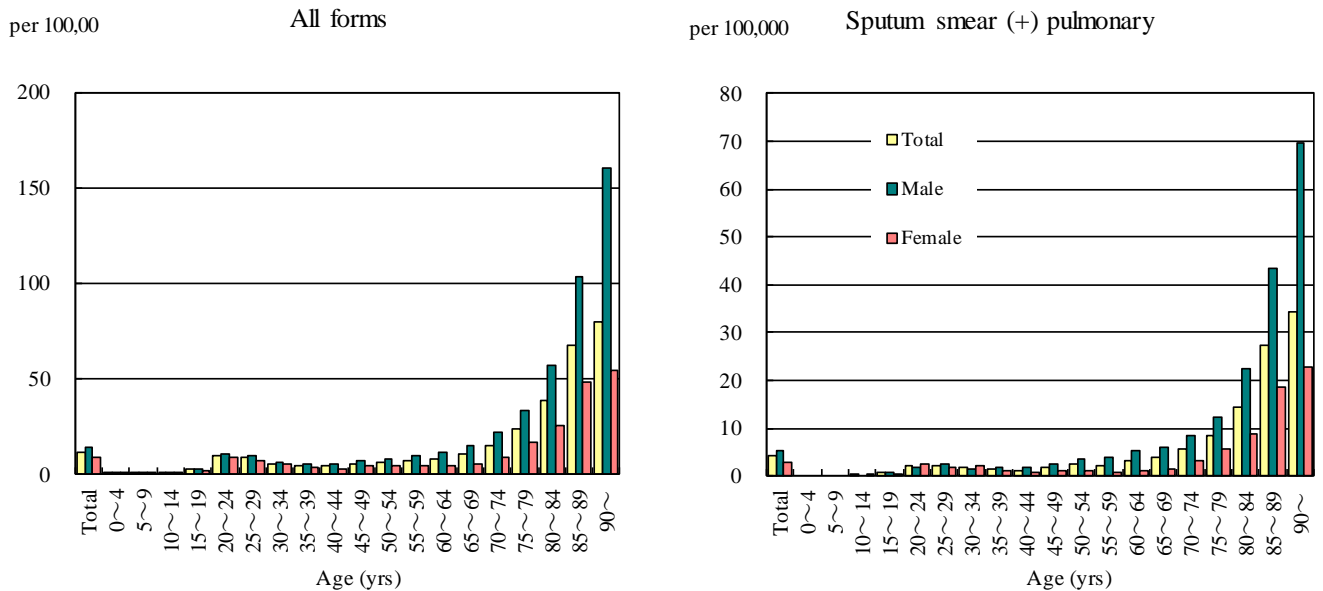


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jun.) 2018

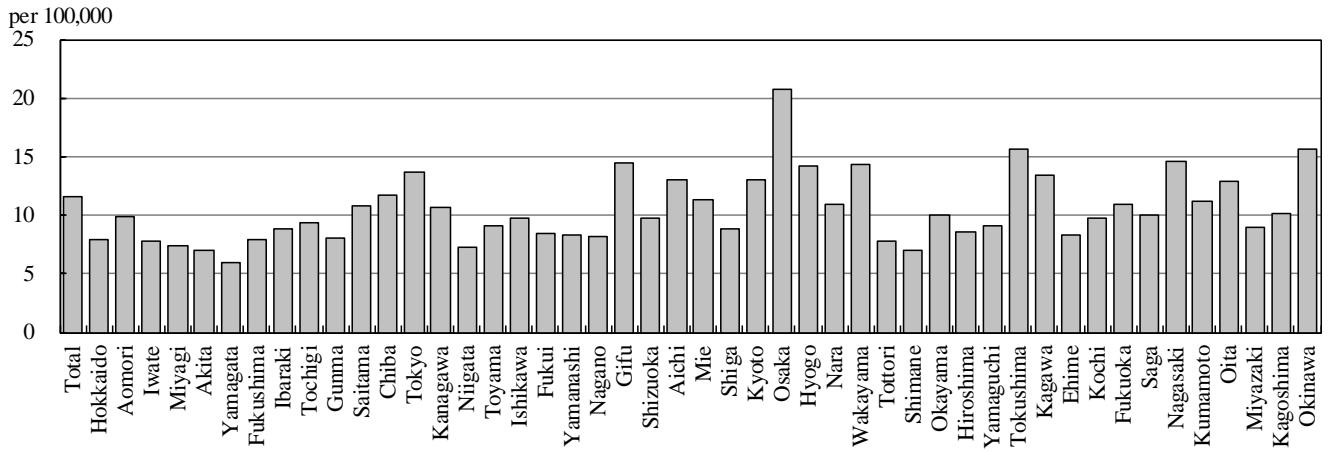


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jun.) 2018

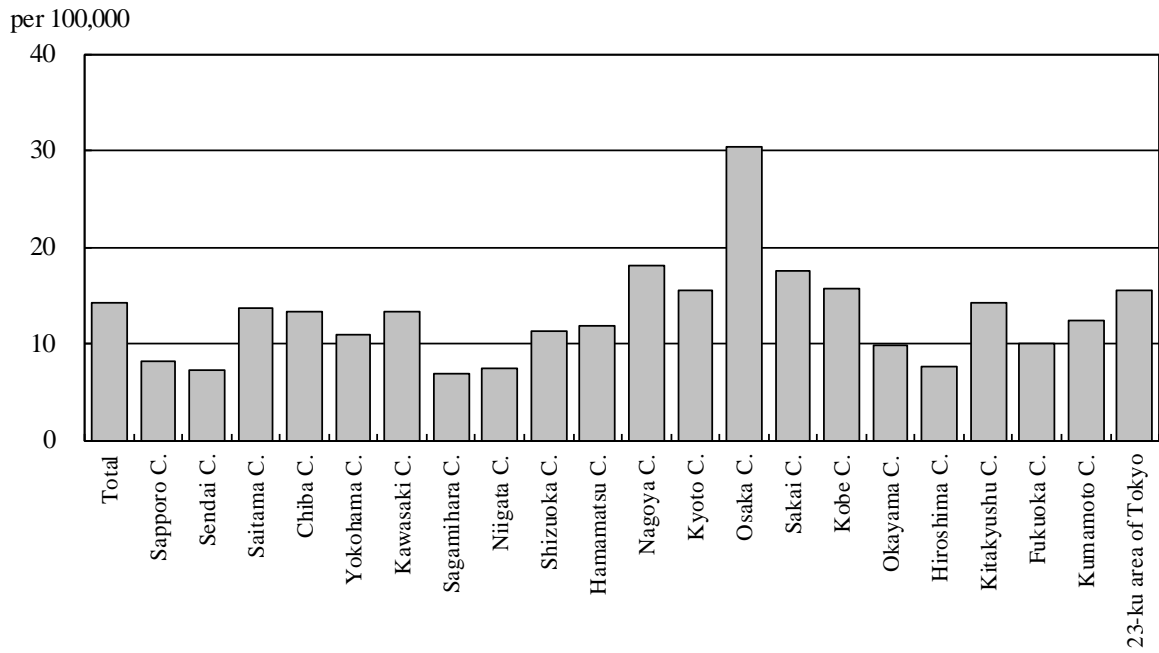


Figure 6. Number of LTBI, Japan, 2015-2018

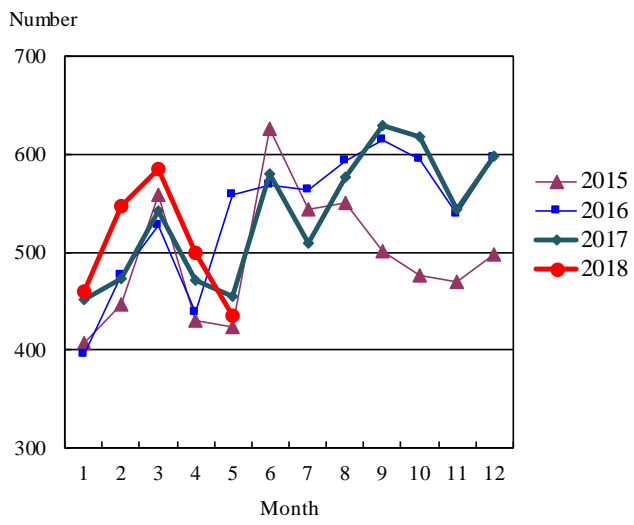


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jun.) 2018

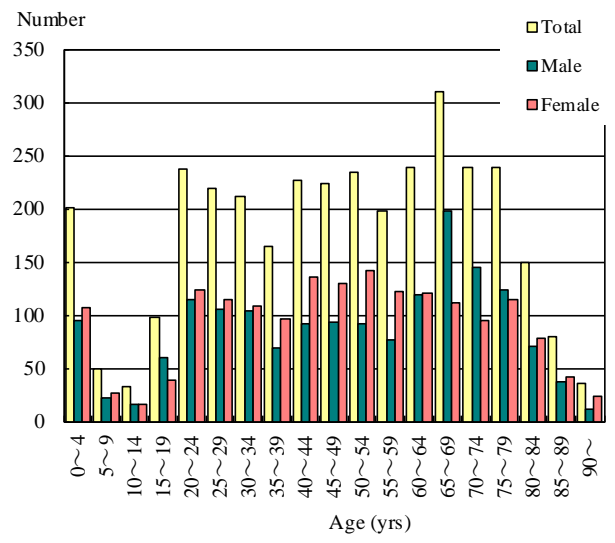


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Jun.			Summation (Jan.-Jun.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,309	783	526	7,343	4,412	2,931	11.6	14.3	9.0
0~4	2	1	1	12	9	3	0.5	0.7	0.3
5~9	0	0	0	4	3	1	0.2	0.2	0.1
10~14	1	0	1	7	5	2	0.3	0.4	0.2
15~19	22	13	9	78	45	33	2.6	2.9	2.3
20~24	66	37	29	308	176	132	9.9	11.0	8.7
25~29	57	30	27	272	154	118	8.6	9.6	7.7
30~34	33	18	15	208	109	99	5.8	6.0	5.7
35~39	34	18	16	191	110	81	4.8	5.5	4.2
40~44	37	23	14	201	135	66	4.3	5.6	2.8
45~49	55	31	24	280	175	105	5.9	7.3	4.5
50~54	58	32	26	264	173	91	6.5	8.4	4.5
55~59	50	32	18	270	179	91	7.1	9.5	4.8
60~64	46	35	11	324	230	94	8.3	12.0	4.8
65~69	82	61	21	518	373	145	10.4	15.5	5.7
70~74	104	68	36	601	407	194	15.5	22.4	9.4
75~79	142	91	51	817	509	308	24.2	33.8	16.5
80~84	167	106	61	1,020	614	406	38.5	56.9	25.9
85~89	212	118	94	1,146	608	538	67.5	103.6	48.4
90~	141	69	72	822	398	424	80.0	160.5	54.4

Temporary registrants = 49, Total of registrants and temporary registrants = 1,358

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, 2018

	Jun.			Summation (Jan.-Jun.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	443	281	162	2,624	1,659	965	4.1	5.4	3.0
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	1	0	1	1	0	1	0.0	0.0	0.1
15~19	3	1	2	19	12	7	0.6	0.8	0.5
20~24	18	8	10	66	30	36	2.1	1.9	2.4
25~29	12	5	7	72	42	30	2.3	2.6	2.0
30~34	13	5	8	61	26	35	1.7	1.4	2.0
35~39	11	6	5	57	36	21	1.4	1.8	1.1
40~44	10	8	2	60	46	14	1.3	1.9	0.6
45~49	15	9	6	90	63	27	1.9	2.6	1.2
50~54	15	13	2	95	72	23	2.3	3.5	1.1
55~59	12	9	3	88	72	16	2.3	3.8	0.8
60~64	19	16	3	124	105	19	3.2	5.5	1.0
65~69	33	25	8	188	148	40	3.8	6.2	1.6
70~74	32	24	8	221	154	67	5.7	8.5	3.3
75~79	40	27	13	288	183	105	8.5	12.2	5.6
80~84	58	37	21	381	242	139	14.4	22.4	8.9
85~89	93	56	37	462	255	207	27.2	43.5	18.6
90~	58	32	26	351	173	178	34.2	69.8	22.8

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

Population: as of 1st Oct. 2017

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2018

	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	1,309	443	7,343	2,624	11.6	4.1
Hokkaido	32	13	211	75	7.9	2.8
Aomori	10	4	63	25	9.9	3.9
Iwate	13	6	49	13	7.8	2.1
Miyagi	18	9	86	30	7.4	2.6
Akita	9	3	35	16	7.0	3.2
Yamagata	5	3	33	13	6.0	2.4
Fukushima	3	0	74	25	7.9	2.7
Ibaraki	19	7	128	54	8.9	3.7
Tochigi	15	5	91	29	9.3	3.0
Gunma	14	3	79	22	8.1	2.2
Saitama	87	25	395	136	10.8	3.7
Chiba	76	20	366	119	11.7	3.8
Tokyo	161	51	942	355	13.7	5.2
Kanagawa	76	21	487	173	10.6	3.8
Niigata	9	3	82	27	7.2	2.4
Toyama	10	2	48	11	9.1	2.1
Ishikawa	15	4	56	16	9.8	2.8
Fukui	3	1	33	14	8.5	3.6
Yamanashi	5	1	34	10	8.3	2.4
Nagano	13	4	85	30	8.2	2.9
Gifu	25	11	145	61	14.4	6.1
Shizuoka	39	14	179	54	9.7	2.9
Aichi	82	25	488	151	13.0	4.0
Mie	20	10	102	44	11.3	4.9
Shiga	10	3	62	22	8.8	3.1
Kyoto	29	13	170	63	13.1	4.8
Osaka	165	68	913	355	20.7	8.0
Hyogo	77	29	389	150	14.1	5.5
Nara	19	8	74	34	11.0	5.0
Wakayama	14	3	68	27	14.4	5.7
Tottori	2	1	22	6	7.8	2.1
Shimane	1	0	24	8	7.0	2.3
Okayama	16	10	95	36	10.0	3.8
Hiroshima	21	5	122	48	8.6	3.4
Yamaguchi	10	3	63	17	9.1	2.5
Tokushima	13	3	58	22	15.6	5.9
Kagawa	20	5	65	16	13.4	3.3
Ehime	11	1	57	17	8.4	2.5
Kochi	5	1	35	8	9.8	2.2
Fukuoka	55	18	278	99	10.9	3.9
Saga	8	5	41	19	10.0	4.6
Nagasaki	11	2	99	33	14.6	4.9
Kumamoto	12	6	99	34	11.2	3.9
Oita	13	7	74	30	12.8	5.2
Miyazaki	5	2	49	22	9.0	4.0
Kagoshima	12	1	82	22	10.1	2.7
Okinawa	21	4	113	33	15.7	4.6

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, 2018

	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	492	169	2,650	945	14.3	5.1
Sapporo City	8	4	80	23	8.2	2.3
Sendai City	6	2	39	15	7.2	2.8
Saitama City	25	7	88	27	13.6	4.2
Chiba City	17	5	65	26	13.3	5.3
Yokohama City	27	7	205	62	11.0	3.3
Kawasaki City	21	6	100	30	13.3	4.0
Sagamihara City	2	0	25	13	6.9	3.6
Niigata City	4	0	30	7	7.5	1.7
Shizuoka City	9	4	40	15	11.3	4.2
Hamamatsu City	14	5	47	15	11.8	3.8
Nagoya City	41	10	209	72	18.1	6.2
Kyoto City	20	10	114	43	15.5	5.8
Osaka City	87	36	411	160	30.3	11.8
Sakai City	11	6	73	31	17.5	7.4
Kobe City	24	8	120	36	15.7	4.7
Okayama City	2	1	35	11	9.9	3.1
Hiroshima City	7	1	46	16	7.7	2.7
Kitakyushu City	15	5	68	23	14.3	4.8
Fukuoka City	18	6	79	32	10.1	4.1
Kumamoto City	7	5	46	18	12.4	4.9
23-ku area of Tokyo	127	41	730	270	15.5	5.7

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, 2018

	Jun.			Summation (Jan.-Jun.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	575	284	291	3,386	1,641	1,745	0.5	0.4	0.6
0~4	31	16	15	201	94	107	16.8	10.4	35.7
5~9	7	3	4	49	22	27	12.3	7.3	27.0
10~14	7	3	4	32	16	16	4.6	3.2	8.0
15~19	11	4	7	98	60	38	1.3	1.3	1.2
20~24	45	23	22	237	114	123	0.8	0.6	0.9
25~29	40	23	17	219	105	114	0.8	0.7	1.0
30~34	42	23	19	212	104	108	1.0	1.0	1.1
35~39	24	12	12	165	69	96	0.9	0.6	1.2
40~44	38	10	28	227	91	136	1.1	0.7	2.1
45~49	35	17	18	223	93	130	0.8	0.5	1.2
50~54	39	13	26	234	92	142	0.9	0.5	1.6
55~59	40	18	22	198	76	122	0.7	0.4	1.3
60~64	41	20	21	239	119	120	0.7	0.5	1.3
65~69	47	30	17	310	198	112	0.6	0.5	0.8
70~74	35	22	13	239	144	95	0.4	0.4	0.5
75~79	41	23	18	239	124	115	0.3	0.2	0.4
80~84	25	11	14	149	71	78	0.1	0.1	0.2
85~89	18	9	9	79	37	42	0.1	0.1	0.1
90~	9	4	5	36	12	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, 2018

	Jun.	Summation (Jan.-Jun.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	575	3,386	0.46
Hokkaido	13	81	0.38
Aomori	4	26	0.41
Iwate	2	36	0.73
Miyagi	14	69	0.80
Akita	2	20	0.57
Yamagata	0	12	0.36
Fukushima	3	16	0.22
Ibaraki	11	57	0.45
Tochigi	8	25	0.27
Gunma	3	26	0.33
Saitama	42	186	0.47
Chiba	33	174	0.48
Tokyo	61	512	0.54
Kanagawa	52	255	0.52
Niigata	15	63	0.77
Toyama	2	45	0.94
Ishikawa	8	27	0.48
Fukui	5	22	0.67
Yamanashi	1	12	0.35
Nagano	5	39	0.46
Gifu	11	44	0.30
Shizuoka	4	42	0.23
Aichi	31	209	0.43
Mie	16	45	0.44
Shiga	6	39	0.63
Kyoto	14	102	0.60
Osaka	54	362	0.40
Hyogo	24	148	0.38
Nara	15	36	0.49
Wakayama	3	24	0.35
Tottori	2	7	0.32
Shimane	0	10	0.42
Okayama	21	68	0.72
Hiroshima	5	63	0.52
Yamaguchi	3	18	0.29
Tokushima	1	10	0.17
Kagawa	9	27	0.42
Ehime	2	18	0.32
Kochi	1	11	0.31
Fukuoka	22	144	0.52
Saga	2	16	0.39
Nagasaki	9	31	0.31
Kumamoto	5	27	0.27
Oita	7	37	0.50
Miyazaki	2	23	0.47
Kagoshima	5	39	0.48
Okinawa	17	83	0.73

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, 2018

	Jun.	Summation (Jan.-Jun.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	183	1,206	0.46
Sapporo City	4	32	0.40
Sendai City	13	52	1.33
Saitama City	7	23	0.26
Chiba City	5	25	0.38
Yokohama City	15	78	0.38
Kawasaki City	6	51	0.51
Sagamihara City	0	7	0.28
Niigata City	3	23	0.77
Shizuoka City	0	2	0.05
Hamamatsu City	0	13	0.28
Nagoya City	14	80	0.38
Kyoto City	10	56	0.49
Osaka City	15	138	0.34
Sakai City	2	24	0.33
Kobe City	9	55	0.46
Okayama City	16	37	1.06
Hiroshima City	0	15	0.33
Kitakyushu City	6	26	0.38
Fukuoka City	4	40	0.51
Kumamoto City	3	10	0.22
23-ku area of Tokyo	51	419	0.57

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