



Monthly Report of Tuberculosis Surveillance, Japan – July, 2017

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, 2014-2017

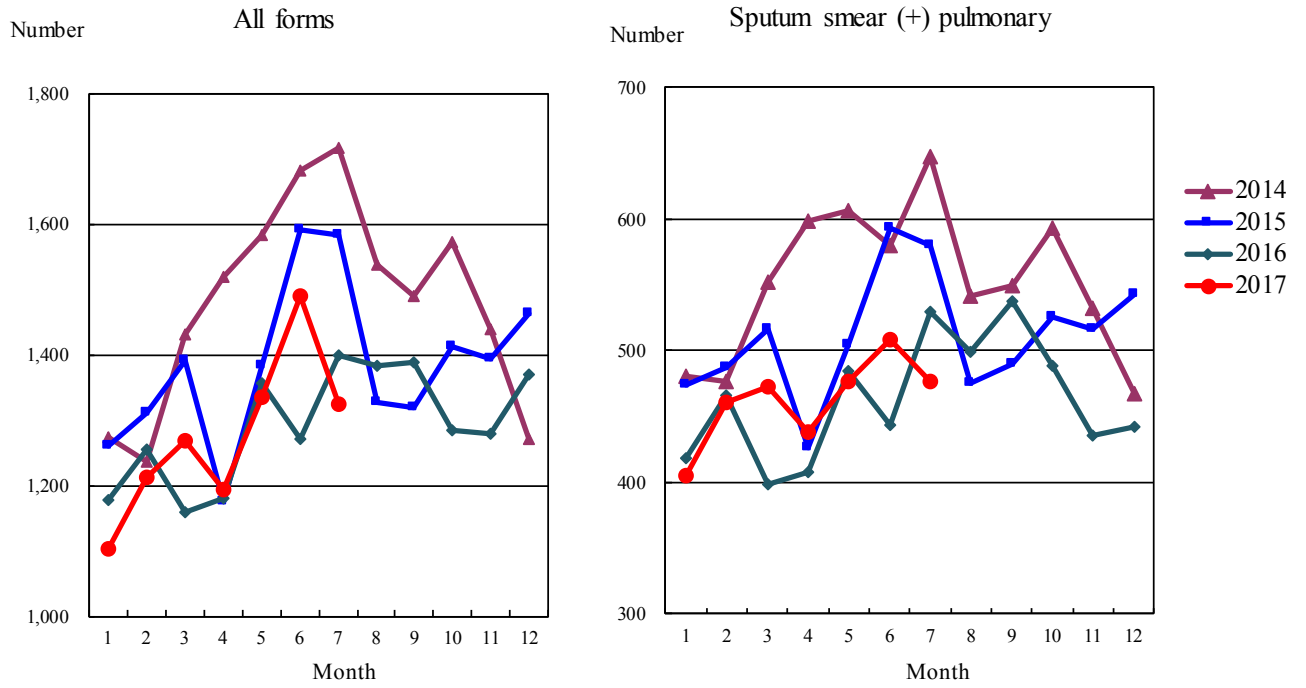


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jul.) 2017

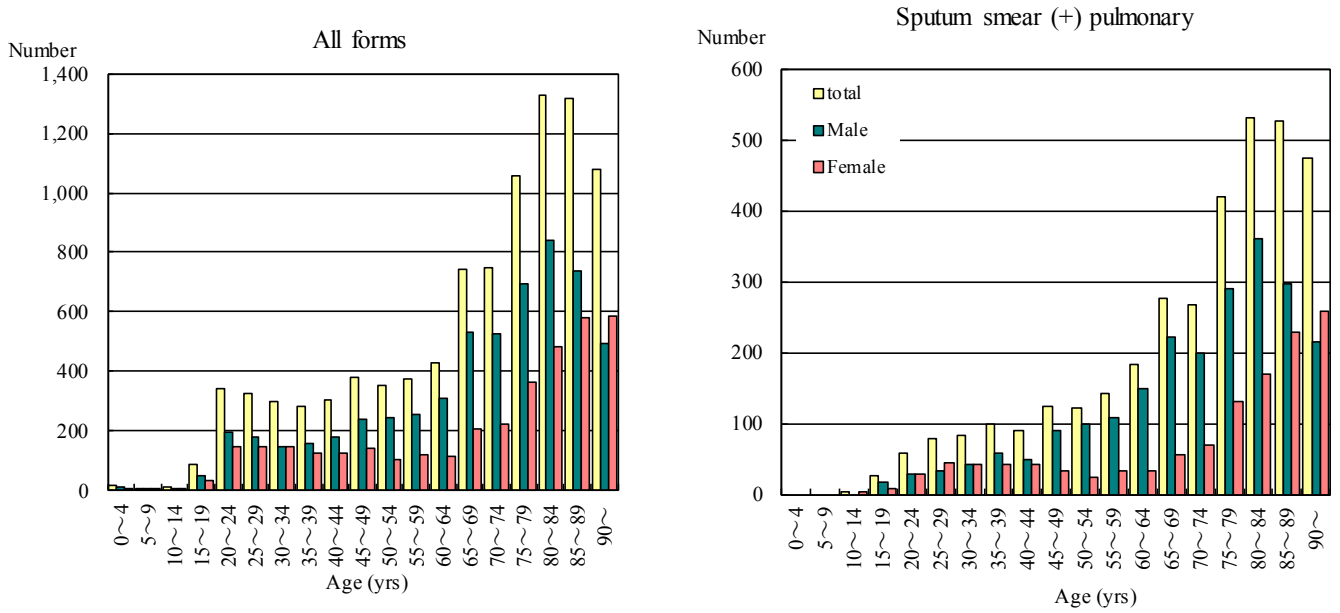


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jul.) 2017

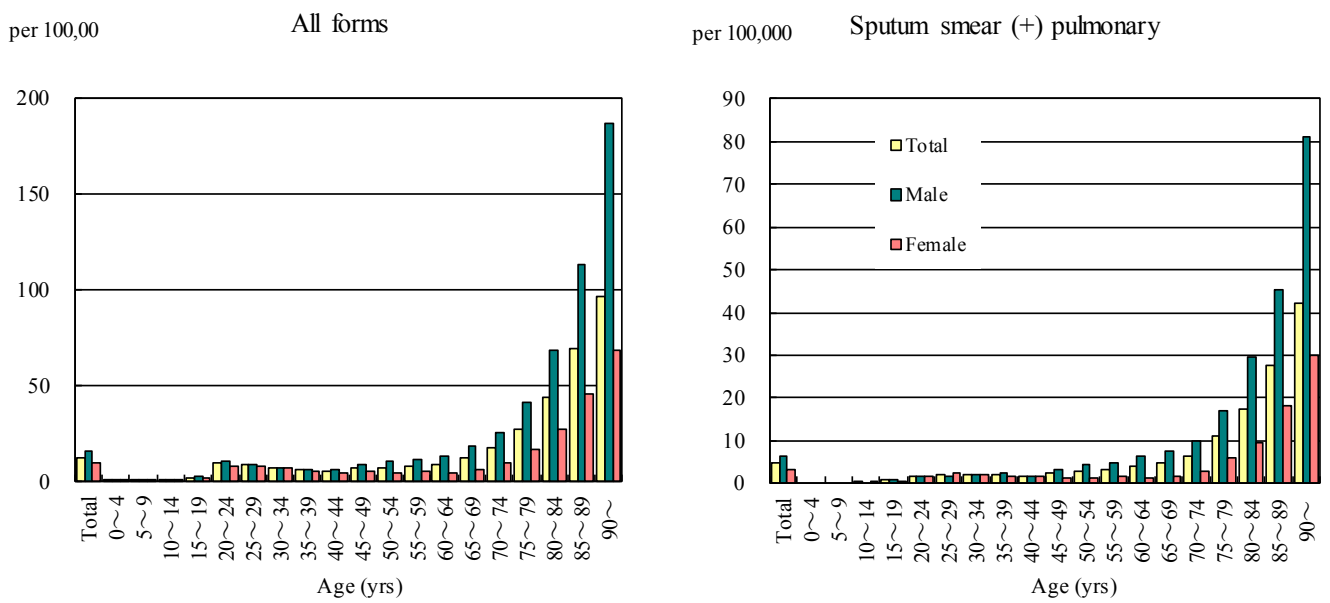


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jul.) 2017

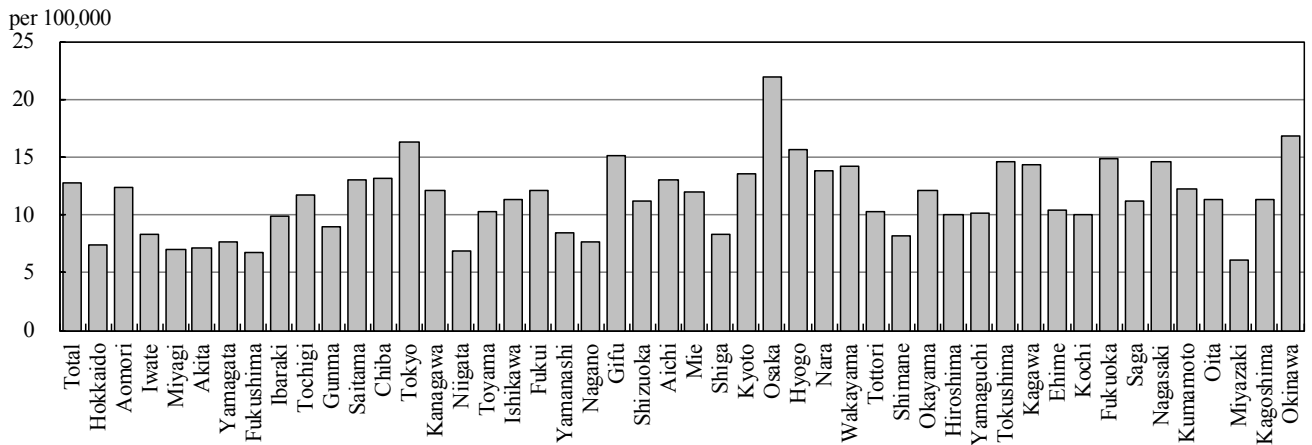


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jul.) 2017

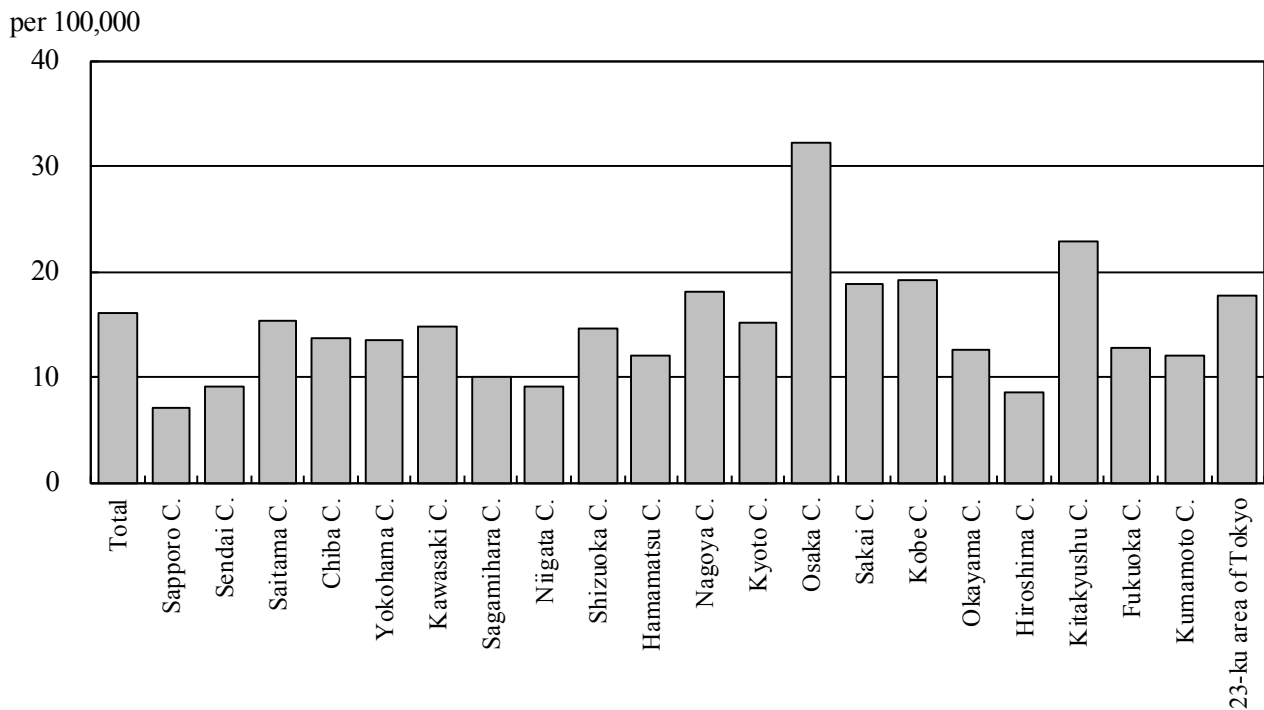


Figure 6. Number of LTBI, Japan, 2014-2017

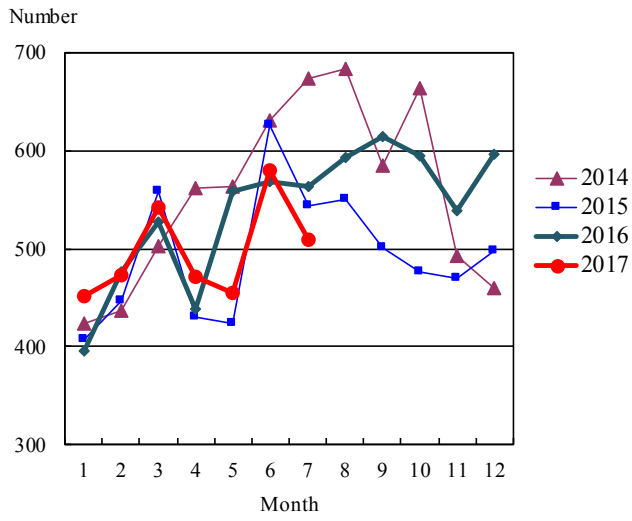


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jul.) 2017

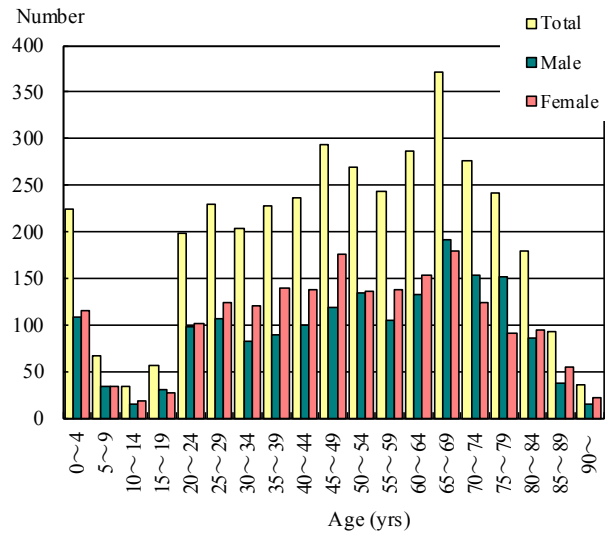


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2017

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,325	823	502	9,485	5,807	3,678	12.8	16.1	9.7
0~4	3	3	0	20	12	8	0.7	0.8	0.6
5~9	1	1	0	4	3	1	0.1	0.2	0.1
10~14	3	1	2	14	5	9	0.4	0.3	0.6
15~19	6	6	0	86	53	33	2.4	2.9	1.9
20~24	61	44	17	340	194	146	9.5	10.5	8.4
25~29	57	27	30	329	180	149	8.8	9.4	8.2
30~34	45	21	24	299	150	149	7.1	7.0	7.2
35~39	43	22	21	283	157	126	6.0	6.5	5.4
40~44	39	21	18	305	179	126	5.4	6.2	4.5
45~49	51	37	14	381	240	141	7.0	8.8	5.3
50~54	47	33	14	351	246	105	7.6	10.6	4.6
55~59	59	46	13	373	255	118	8.5	11.6	5.3
60~64	55	46	9	428	312	116	9.0	13.3	4.8
65~69	101	66	35	743	533	210	12.4	18.4	6.8
70~74	98	66	32	749	524	225	17.3	26.0	9.8
75~79	158	104	54	1,058	695	363	27.8	41.0	17.2
80~84	195	128	67	1,326	840	486	43.9	68.7	27.0
85~89	169	84	85	1,316	736	580	68.9	112.7	46.1
90~	134	67	67	1,080	493	587	96.1	186.1	68.3

Temporary registrants = 49, Total of registrants and temporary registrants = 1,374

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

Population: as of 1st Oct. 2016

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2017

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	477	307	170	3,502	2,258	1,244	4.7	6.3	3.3
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	3	0	3	0.1	0.0	0.2
15~19	0	0	0	26	17	9	0.7	0.9	0.5
20~24	12	8	4	57	29	28	1.6	1.6	1.6
25~29	12	5	7	79	34	45	2.1	1.8	2.5
30~34	16	7	9	84	42	42	2.0	2.0	2.0
35~39	14	9	5	100	59	41	2.1	2.5	1.8
40~44	13	8	5	90	48	42	1.6	1.7	1.5
45~49	20	15	5	123	90	33	2.3	3.3	1.2
50~54	18	14	4	122	98	24	2.6	4.2	1.0
55~59	24	20	4	142	109	33	3.2	5.0	1.5
60~64	24	20	4	183	149	34	3.8	6.4	1.4
65~69	46	32	14	276	221	55	4.6	7.6	1.8
70~74	19	13	6	268	199	69	6.2	9.9	3.0
75~79	58	40	18	420	290	130	11.0	17.1	6.2
80~84	84	56	28	530	361	169	17.5	29.5	9.4
85~89	65	36	29	526	297	229	27.5	45.5	18.2
90~	51	24	27	473	215	258	42.1	81.2	30.0

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

Population: as of 1st Oct. 2016

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2017

	Jul.		Summation (Jan.-Jul.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,325	477	9,485	3,502	12.8	4.7
Hokkaido	34	14	230	83	7.4	2.7
Aomori	13	8	93	42	12.3	5.6
Iwate	8	2	61	17	8.2	2.3
Miyagi	19	5	95	31	7.0	2.3
Akita	10	2	42	16	7.1	2.7
Yamagata	6	1	50	23	7.7	3.5
Fukushima	7	0	75	28	6.8	2.5
Ibaraki	17	9	167	63	9.9	3.7
Tochigi	17	4	134	56	11.7	4.9
Gunma	11	5	103	33	9.0	2.9
Saitama	78	32	555	236	13.1	5.6
Chiba	69	20	478	163	13.1	4.5
Tokyo	170	54	1,296	447	16.3	5.6
Kanagawa	85	26	646	224	12.1	4.2
Niigata	16	6	92	33	6.9	2.5
Toyama	9	2	64	13	10.3	2.1
Ishikawa	18	5	76	25	11.3	3.7
Fukui	11	4	55	23	12.1	5.0
Yamanashi	9	5	41	17	8.5	3.5
Nagano	16	3	94	31	7.7	2.5
Gifu	26	12	179	63	15.2	5.3
Shizuoka	31	7	242	82	11.2	3.8
Aichi	67	23	572	197	13.1	4.5
Mie	15	6	126	48	11.9	4.6
Shiga	6	2	69	18	8.4	2.2
Kyoto	22	10	206	92	13.6	6.1
Osaka	183	86	1,127	470	21.9	9.1
Hyogo	82	30	505	188	15.7	5.8
Nara	14	7	109	48	13.8	6.1
Wakayama	11	3	79	31	14.2	5.6
Tottori	4	1	34	10	10.2	3.0
Shimane	3	2	33	16	8.2	4.0
Okayama	18	4	135	49	12.1	4.4
Hiroshima	19	7	166	56	10.0	3.4
Yamaguchi	9	4	83	24	10.2	3.0
Tokushima	6	1	64	17	14.6	3.9
Kagawa	13	5	81	38	14.3	6.7
Ehime	15	10	83	32	10.3	4.0
Kochi	5	3	42	15	10.0	3.6
Fukuoka	62	21	441	162	14.8	5.4
Saga	3	1	54	28	11.2	5.8
Nagasaki	24	4	116	40	14.5	5.0
Kumamoto	15	3	127	44	12.3	4.3
Oita	9	5	77	28	11.4	4.1
Miyazaki	5	2	39	21	6.1	3.3
Kagoshima	15	5	108	31	11.3	3.2
Okinawa	20	6	141	50	16.8	6.0

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

Population: as of 1st Oct. 2016

Table 4. Newly notified TB cases and rates by major city, Japan, 2017

	Jul.		Summation (Jan.-Jul.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	502	168	3,470	1,256	16.1	5.8
Sapporo City	12	5	80	23	7.0	2.0
Sendai City	11	2	58	18	9.2	2.8
Saitama City	17	8	114	47	15.3	6.3
Chiba City	14	3	78	29	13.7	5.1
Yokohama City	39	8	294	91	13.5	4.2
Kawasaki City	18	5	128	50	14.7	5.8
Sagamihara City	5	3	42	21	10.0	5.0
Niigata City	10	3	43	13	9.1	2.8
Shizuoka City	3	1	60	20	14.5	4.8
Hamamatsu City	9	2	56	18	12.0	3.9
Nagoya City	39	11	244	82	18.1	6.1
Kyoto City	14	8	130	62	15.1	7.2
Osaka City	82	37	509	203	32.3	12.9
Sakai City	20	8	92	40	18.8	8.2
Kobe City	23	10	171	69	19.1	7.7
Okayama City	8	1	52	17	12.6	4.1
Hiroshima City	8	3	60	26	8.6	3.7
Kitakyushu City	15	4	127	48	22.8	8.6
Fukuoka City	17	5	116	44	12.8	4.9
Kumamoto City	11	0	52	14	12.1	3.2
23-ku area of Tokyo	127	41	964	321	17.6	5.9

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

Population: as of 1st Oct. 2016

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, 2017

	Jul.			Summation (Jan.-Jul.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	509	241	268	3,769	1,784	1,985	0.4	0.3	0.5
0~4	35	22	13	224	108	116	11.2	9.0	14.5
5~9	10	4	6	67	33	34	16.8	11.0	34.0
10~14	3	2	1	34	15	19	2.4	3.0	2.1
15~19	8	2	6	57	30	27	0.7	0.6	0.8
20~24	24	12	12	199	97	102	0.6	0.5	0.7
25~29	28	11	17	230	107	123	0.7	0.6	0.8
30~34	28	11	17	203	83	120	0.7	0.6	0.8
35~39	24	11	13	228	89	139	0.8	0.6	1.1
40~44	21	12	9	237	100	137	0.8	0.6	1.1
45~49	36	12	24	294	118	176	0.8	0.5	1.2
50~54	32	10	22	270	134	136	0.8	0.5	1.3
55~59	34	14	20	243	105	138	0.7	0.4	1.2
60~64	41	16	25	286	132	154	0.7	0.4	1.3
65~69	55	33	22	371	191	180	0.5	0.4	0.9
70~74	46	20	26	276	153	123	0.4	0.3	0.5
75~79	38	26	12	242	151	91	0.2	0.2	0.3
80~84	27	14	13	180	86	94	0.1	0.1	0.2
85~89	16	8	8	92	37	55	0.1	0.1	0.1
90~	3	1	2	36	15	21	0.0	0.0	0.0

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, 2017

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	509	3,769	0.40
Hokkaido	10	111	0.48
Aomori	12	81	0.87
Iwate	2	41	0.67
Miyagi	16	81	0.85
Akita	1	23	0.55
Yamagata	1	10	0.20
Fukushima	1	26	0.35
Ibaraki	11	83	0.50
Tochigi	8	31	0.23
Gunma	9	38	0.37
Saitama	28	225	0.41
Chiba	38	264	0.55
Tokyo	68	490	0.38
Kanagawa	35	258	0.40
Niigata	4	31	0.34
Toyama	5	34	0.53
Ishikawa	5	24	0.32
Fukui	4	22	0.40
Yamanashi	1	12	0.29
Nagano	7	76	0.81
Gifu	13	76	0.42
Shizuoka	14	80	0.33
Aichi	24	211	0.37
Mie	2	30	0.24
Shiga	7	50	0.72
Kyoto	10	98	0.48
Osaka	37	315	0.28
Hyogo	26	158	0.31
Nara	8	64	0.59
Wakayama	8	30	0.38
Tottori	0	4	0.12
Shimane	0	23	0.70
Okayama	12	88	0.65
Hiroshima	6	58	0.35
Yamaguchi	4	36	0.43
Tokushima	1	15	0.23
Kagawa	3	12	0.15
Ehime	7	31	0.37
Kochi	1	4	0.10
Fukuoka	29	154	0.35
Saga	0	13	0.24
Nagasaki	3	54	0.47
Kumamoto	7	24	0.19
Oita	11	50	0.65
Miyazaki	2	22	0.56
Kagoshima	4	36	0.33
Okinawa	4	72	0.51

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, 2017

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	158	1,248	0.36
Sapporo City	6	48	0.60
Sendai City	11	54	0.93
Saitama City	3	26	0.23
Chiba City	4	27	0.35
Yokohama City	13	112	0.38
Kawasaki City	6	45	0.35
Sagamihara City	3	14	0.33
Niigata City	0	11	0.26
Shizuoka City	2	14	0.23
Hamamatsu City	3	16	0.29
Nagoya City	9	76	0.31
Kyoto City	4	69	0.53
Osaka City	15	128	0.25
Sakai City	0	24	0.26
Kobe City	8	53	0.31
Okayama City	5	58	1.12
Hiroshima City	4	22	0.37
Kitakyushu City	8	47	0.37
Fukuoka City	9	44	0.38
Kumamoto City	2	8	0.15
23-ku area of Tokyo	43	352	0.37

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