



Monthly Report of Tuberculosis Surveillance, Japan – August, 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

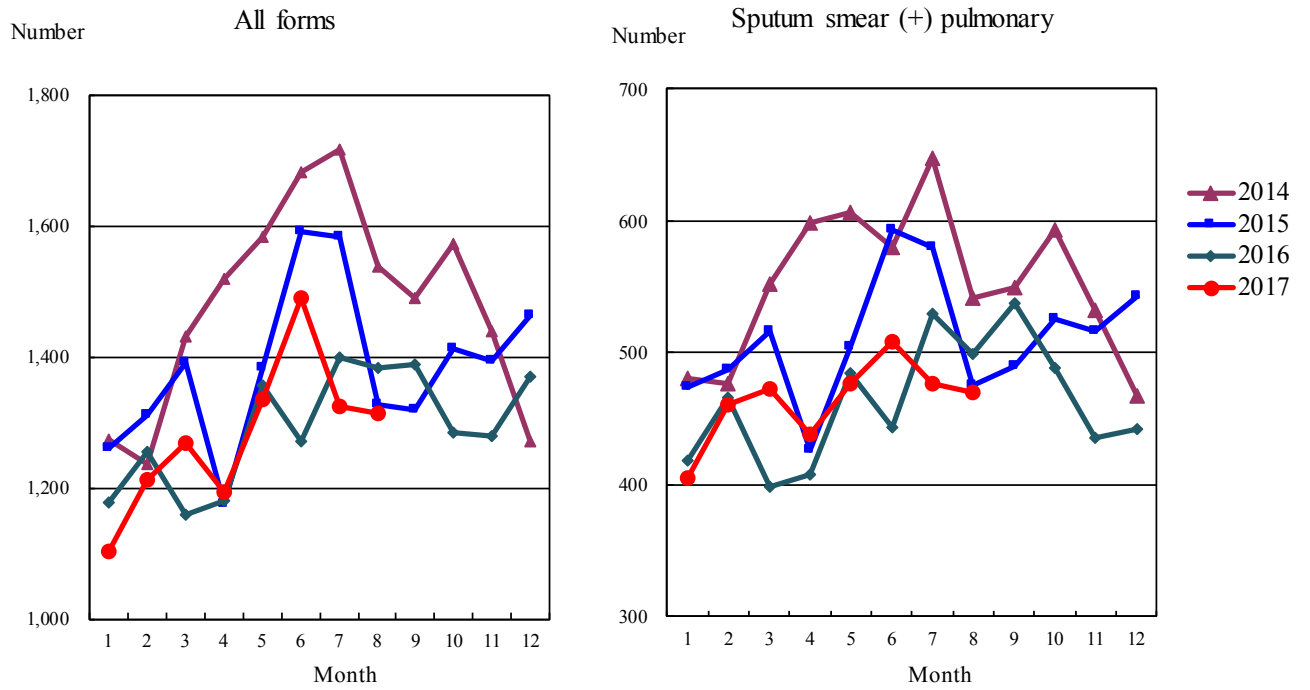


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Aug.) 2017

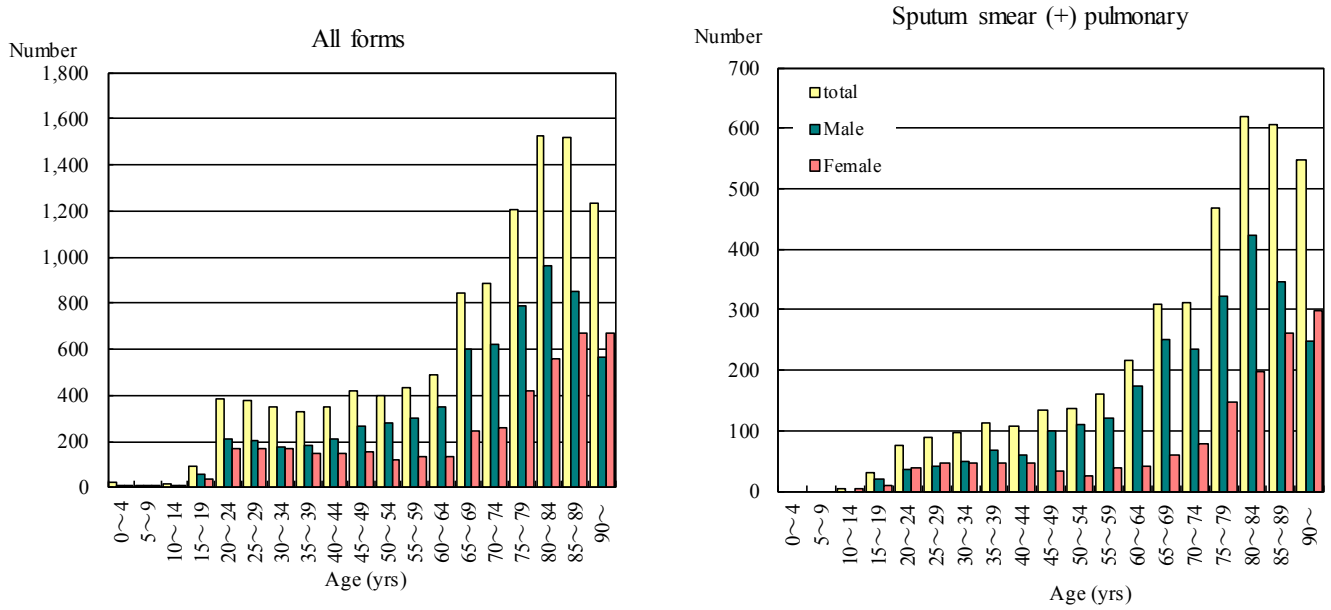


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Aug.) 2017

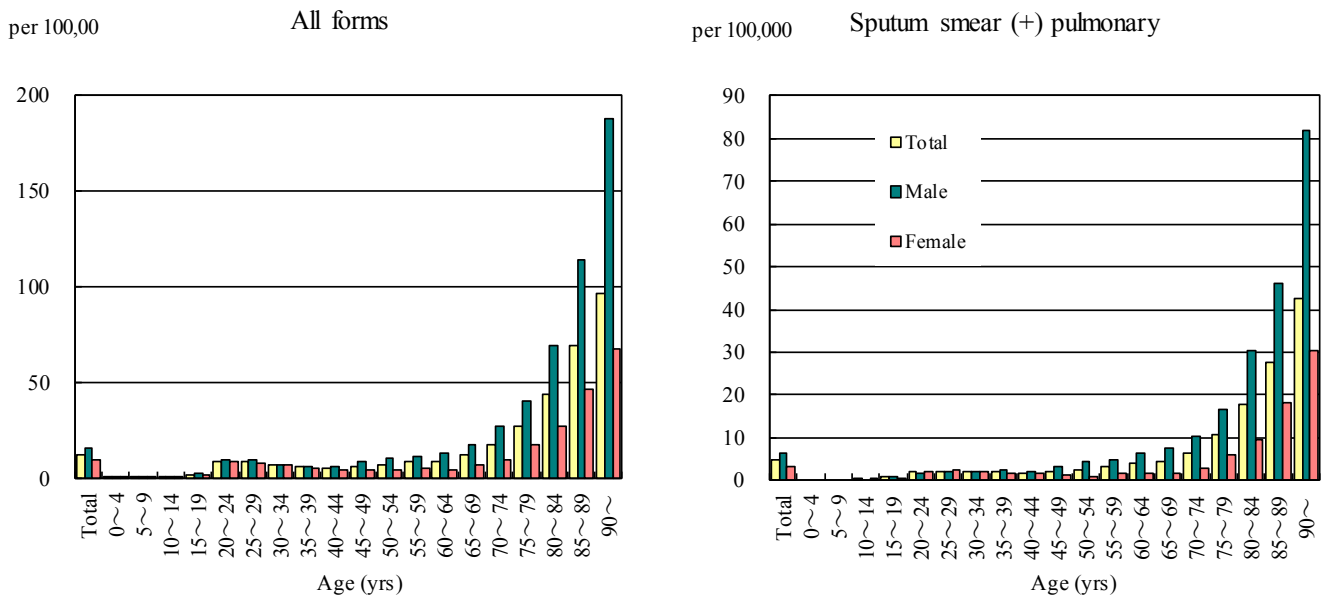


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Aug.) 2017

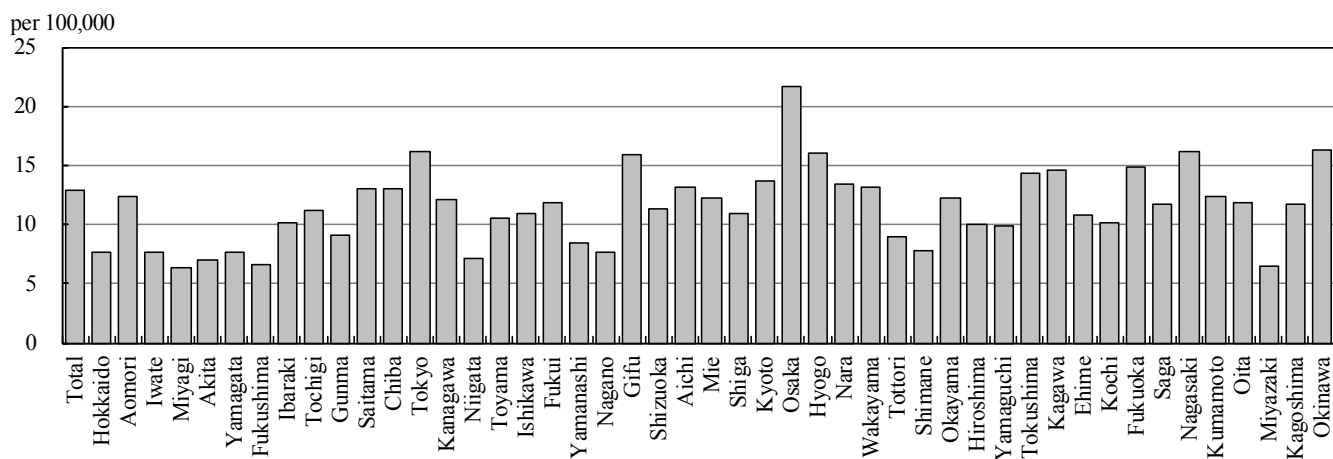


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Aug.) 2017

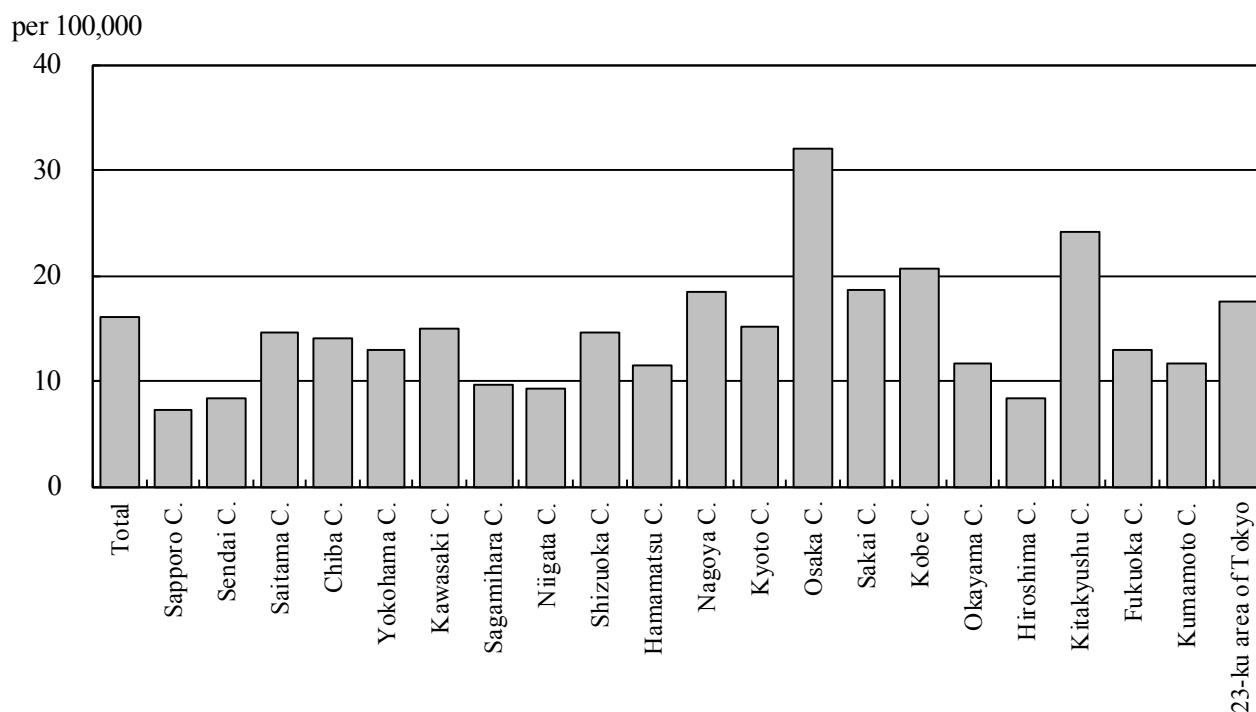


Figure 6. Number of LTBI, Japan, 2014-2017

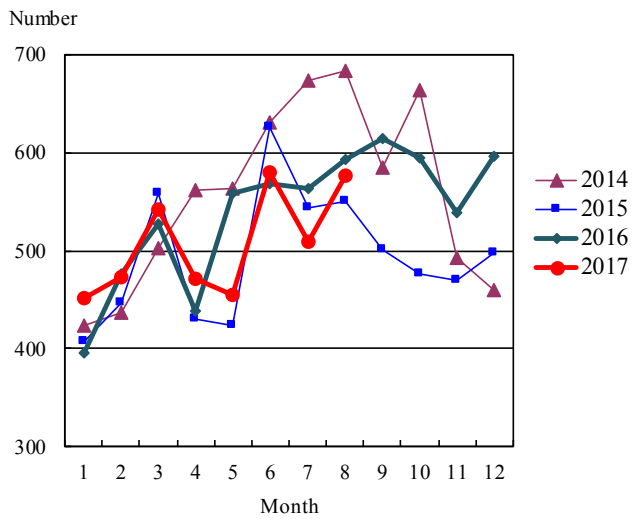


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Aug.) 2017

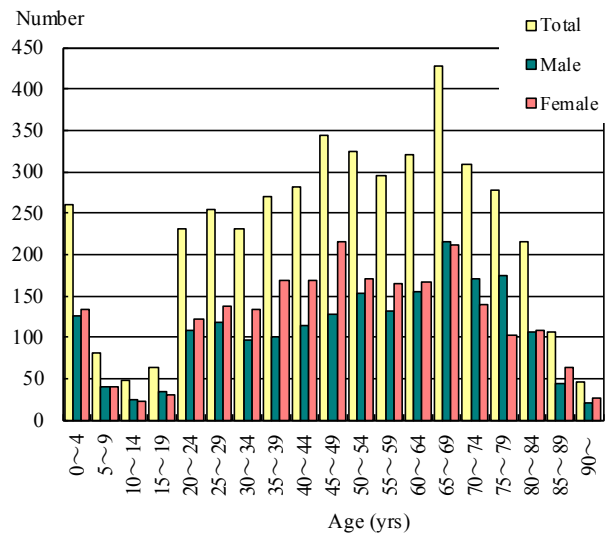


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2017

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,313	801	512	10,879	6,656	4,223	12.9	16.2	9.7
0~4	2	1	1	21	12	9	0.6	0.7	0.6
5~9	0	0	0	4	3	1	0.1	0.2	0.1
10~14	0	0	0	14	5	9	0.4	0.3	0.5
15~19	12	6	6	96	58	38	2.4	2.8	1.9
20~24	41	18	23	385	214	171	9.4	10.2	8.6
25~29	42	25	17	375	207	168	8.8	9.5	8.1
30~34	47	26	21	349	178	171	7.2	7.2	7.2
35~39	48	25	23	330	181	149	6.1	6.6	5.6
40~44	45	26	19	353	208	145	5.5	6.3	4.5
45~49	37	25	12	422	268	154	6.8	8.6	5.0
50~54	46	34	12	398	280	118	7.6	10.6	4.5
55~59	51	41	10	433	299	134	8.6	11.9	5.3
60~64	59	40	19	486	351	135	8.9	13.1	4.9
65~69	91	62	29	845	602	243	12.3	18.2	6.9
70~74	128	95	33	884	623	261	17.9	27.1	9.9
75~79	145	89	56	1,206	787	419	27.7	40.6	17.4
80~84	189	118	71	1,526	965	561	44.2	69.1	27.3
85~89	186	102	84	1,518	849	669	69.5	113.7	46.6
90~	144	68	76	1,234	566	668	96.0	187.0	68.0

Temporary registrants = 45, Total of registrants and temporary registrants = 1,358

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

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	470	312	158	4,025	2,602	1,423	4.8	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	0	0	0	3	0	3	0.1	0.0	0.2
15~19	4	3	1	30	20	10	0.7	1.0	0.5
20~24	14	5	9	76	37	39	1.9	1.8	2.0
25~29	8	6	2	88	41	47	2.1	1.9	2.3
30~34	10	7	3	96	49	47	2.0	2.0	2.0
35~39	14	8	6	114	67	47	2.1	2.4	1.8
40~44	16	11	5	107	60	47	1.7	1.8	1.5
45~49	8	7	1	133	99	34	2.1	3.2	1.1
50~54	12	12	0	137	111	26	2.6	4.2	1.0
55~59	17	13	4	160	122	38	3.2	4.9	1.5
60~64	28	22	6	215	174	41	4.0	6.5	1.5
65~69	32	26	6	310	250	60	4.5	7.5	1.7
70~74	45	36	9	313	235	78	6.3	10.2	3.0
75~79	43	28	15	469	321	148	10.8	16.6	6.1
80~84	79	55	24	620	423	197	18.0	30.3	9.6
85~89	73	41	32	607	345	262	27.8	46.2	18.2
90~	67	32	35	547	248	299	42.6	81.9	30.4

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

	Aug.		Summation (Jan.-Aug.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,313	470	10,879	4,025	12.9	4.8
Hokkaido	42	14	274	98	7.7	2.7
Aomori	12	6	107	50	12.4	5.8
Iwate	3	0	65	17	7.7	2.0
Miyagi	4	0	99	31	6.4	2.0
Akita	4	0	47	17	7.0	2.5
Yamagata	8	1	57	24	7.7	3.2
Fukushima	7	2	83	31	6.6	2.4
Ibaraki	24	8	196	75	10.1	3.9
Tochigi	12	6	146	62	11.1	4.7
Gunma	13	1	119	34	9.1	2.6
Saitama	73	28	632	267	13.0	5.5
Chiba	68	25	543	189	13.1	4.5
Tokyo	175	57	1,470	504	16.2	5.5
Kanagawa	72	29	735	259	12.1	4.2
Niigata	16	5	109	42	7.2	2.8
Toyama	10	2	75	16	10.6	2.3
Ishikawa	7	5	84	31	10.9	4.0
Fukui	7	4	62	27	11.9	5.2
Yamanashi	6	4	47	22	8.5	4.0
Nagano	11	6	106	38	7.6	2.7
Gifu	30	11	215	76	16.0	5.6
Shizuoka	32	13	277	94	11.3	3.8
Aichi	72	23	656	226	13.1	4.5
Mie	22	12	148	60	12.3	5.0
Shiga	22	6	103	32	10.9	3.4
Kyoto	29	9	238	102	13.7	5.9
Osaka	153	56	1,279	526	21.7	8.9
Hyogo	85	28	591	216	16.1	5.9
Nara	12	5	121	53	13.4	5.9
Wakayama	6	3	84	34	13.2	5.3
Tottori	1	0	34	10	9.0	2.6
Shimane	3	2	36	18	7.8	3.9
Okayama	22	10	157	62	12.3	4.9
Hiroshima	24	7	190	63	10.0	3.3
Yamaguchi	9	3	92	27	9.9	2.9
Tokushima	8	3	72	20	14.4	4.0
Kagawa	14	3	95	41	14.7	6.3
Ehime	16	8	99	40	10.8	4.4
Kochi	5	4	49	18	10.2	3.7
Fukuoka	64	25	506	189	14.9	5.6
Saga	10	5	65	33	11.8	6.0
Nagasaki	27	8	147	51	16.1	5.6
Kumamoto	18	8	146	54	12.3	4.6
Oita	15	6	92	34	11.9	4.4
Miyazaki	7	1	47	23	6.4	3.1
Kagoshima	18	7	128	38	11.7	3.5
Okinawa	15	1	156	51	16.3	5.3

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

	Aug.		Summation (Jan.-Aug.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	477	169	3,950	1,440	16.0	5.8
Sapporo City	16	7	94	31	7.2	2.4
Sendai City	2	0	60	18	8.3	2.5
Saitama City	13	8	125	55	14.7	6.4
Chiba City	14	4	91	34	14.0	5.2
Yokohama City	21	6	323	101	13.0	4.1
Kawasaki City	21	9	149	59	15.0	5.9
Sagamihara City	4	1	46	22	9.6	4.6
Niigata City	8	2	50	18	9.3	3.3
Shizuoka City	6	1	69	21	14.6	4.4
Hamamatsu City	6	4	61	21	11.5	4.0
Nagoya City	40	14	282	97	18.4	6.3
Kyoto City	19	4	149	66	15.2	6.7
Osaka City	68	25	577	227	32.0	12.6
Sakai City	12	5	104	46	18.6	8.2
Kobe City	40	13	211	83	20.6	8.1
Okayama City	4	2	55	21	11.6	4.4
Hiroshima City	7	2	67	28	8.4	3.5
Kitakyushu City	27	14	154	62	24.2	9.7
Fukuoka City	17	3	134	48	12.9	4.6
Kumamoto City	5	3	57	18	11.6	3.7
23-ku area of Tokyo	127	42	1,092	364	17.5	5.8

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

	Aug.			Summation (Jan.-Aug.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	576	255	321	4,386	2,058	2,328	0.4	0.3	0.6
0~4	36	18	18	260	126	134	12.4	10.5	14.9
5~9	12	7	5	80	40	40	20.0	13.3	40.0
10~14	12	8	4	48	25	23	3.4	5.0	2.6
15~19	7	4	3	64	34	30	0.7	0.6	0.8
20~24	26	9	17	230	108	122	0.6	0.5	0.7
25~29	23	10	13	255	118	137	0.7	0.6	0.8
30~34	25	12	13	231	97	134	0.7	0.5	0.8
35~39	40	12	28	270	101	169	0.8	0.6	1.1
40~44	41	11	30	282	113	169	0.8	0.5	1.2
45~49	46	9	37	344	128	216	0.8	0.5	1.4
50~54	49	17	32	324	153	171	0.8	0.5	1.4
55~59	47	21	26	296	131	165	0.7	0.4	1.2
60~64	35	21	14	321	154	167	0.7	0.4	1.2
65~69	54	24	30	427	216	211	0.5	0.4	0.9
70~74	31	17	14	309	170	139	0.3	0.3	0.5
75~79	34	24	10	278	175	103	0.2	0.2	0.2
80~84	35	20	15	215	106	109	0.1	0.1	0.2
85~89	14	6	8	106	43	63	0.1	0.1	0.1
90~	9	5	4	46	20	26	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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	576	4,386	0.40
Hokkaido	18	130	0.47
Aomori	10	91	0.85
Iwate	4	46	0.71
Miyagi	10	92	0.93
Akita	2	25	0.53
Yamagata	3	13	0.23
Fukushima	3	28	0.34
Ibaraki	14	97	0.49
Tochigi	7	38	0.26
Gunma	11	49	0.41
Saitama	39	265	0.42
Chiba	32	296	0.55
Tokyo	88	578	0.39
Kanagawa	33	306	0.42
Niigata	11	43	0.39
Toyama	6	40	0.53
Ishikawa	1	26	0.31
Fukui	3	25	0.40
Yamanashi	2	14	0.30
Nagano	8	84	0.79
Gifu	17	95	0.44
Shizuoka	8	90	0.32
Aichi	39	255	0.39
Mie	4	34	0.23
Shiga	3	55	0.53
Kyoto	9	107	0.45
Osaka	49	369	0.29
Hyogo	22	181	0.31
Nara	12	76	0.63
Wakayama	5	35	0.42
Tottori	0	4	0.12
Shimane	3	25	0.69
Okayama	7	95	0.61
Hiroshima	7	65	0.34
Yamaguchi	1	37	0.40
Tokushima	1	16	0.22
Kagawa	3	15	0.16
Ehime	5	36	0.36
Kochi	0	4	0.08
Fukuoka	39	193	0.38
Saga	3	16	0.25
Nagasaki	7	61	0.41
Kumamoto	6	34	0.23
Oita	8	58	0.63
Miyazaki	0	22	0.47
Kagoshima	3	40	0.31
Okinawa	10	82	0.53

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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	196	1,461	0.37
Sapporo City	11	59	0.63
Sendai City	4	58	0.97
Saitama City	6	32	0.26
Chiba City	8	35	0.38
Yokohama City	6	129	0.40
Kawasaki City	10	55	0.37
Sagamihara City	4	19	0.41
Niigata City	2	13	0.26
Shizuoka City	1	16	0.23
Hamamatsu City	3	19	0.31
Nagoya City	15	91	0.32
Kyoto City	6	75	0.50
Osaka City	20	151	0.26
Sakai City	6	30	0.29
Kobe City	9	62	0.29
Okayama City	2	60	1.09
Hiroshima City	1	23	0.34
Kitakyushu City	9	56	0.36
Fukuoka City	13	57	0.43
Kumamoto City	5	13	0.23
23-ku area of Tokyo	55	408	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