



Monthly Report of Tuberculosis Surveillance, Japan – August, 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

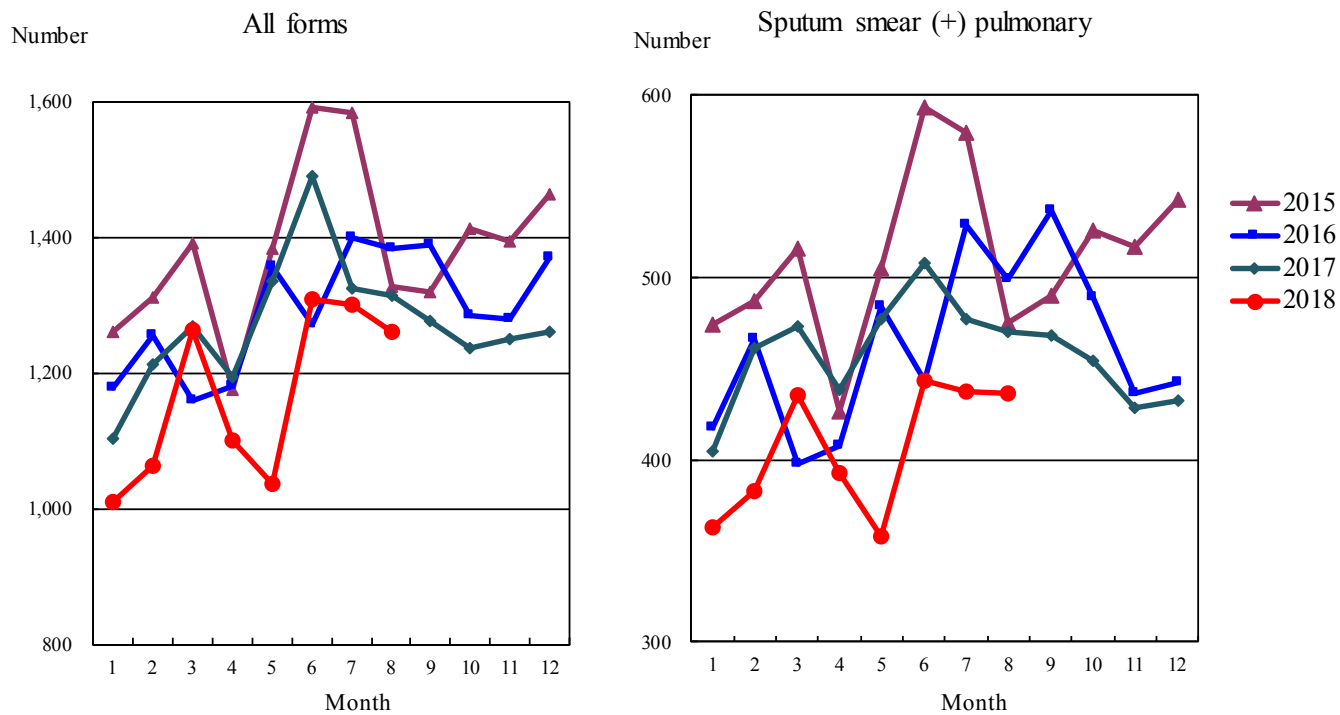


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Aug.) 2018

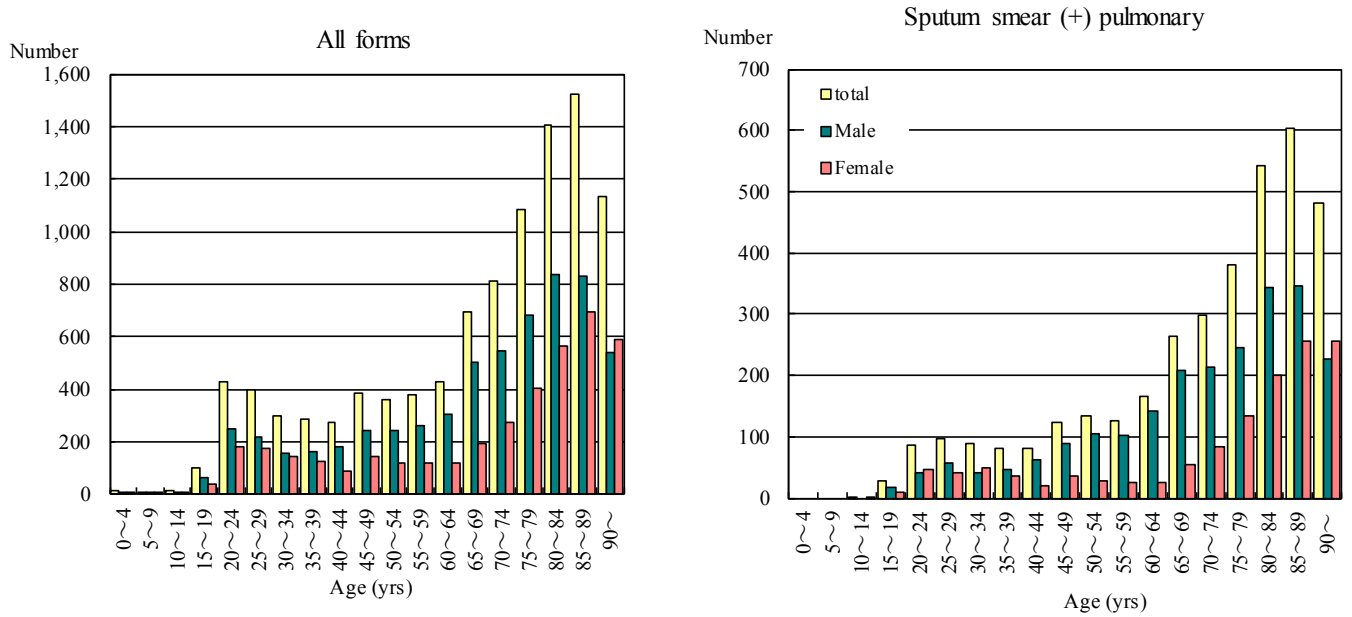


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Aug.) 2018

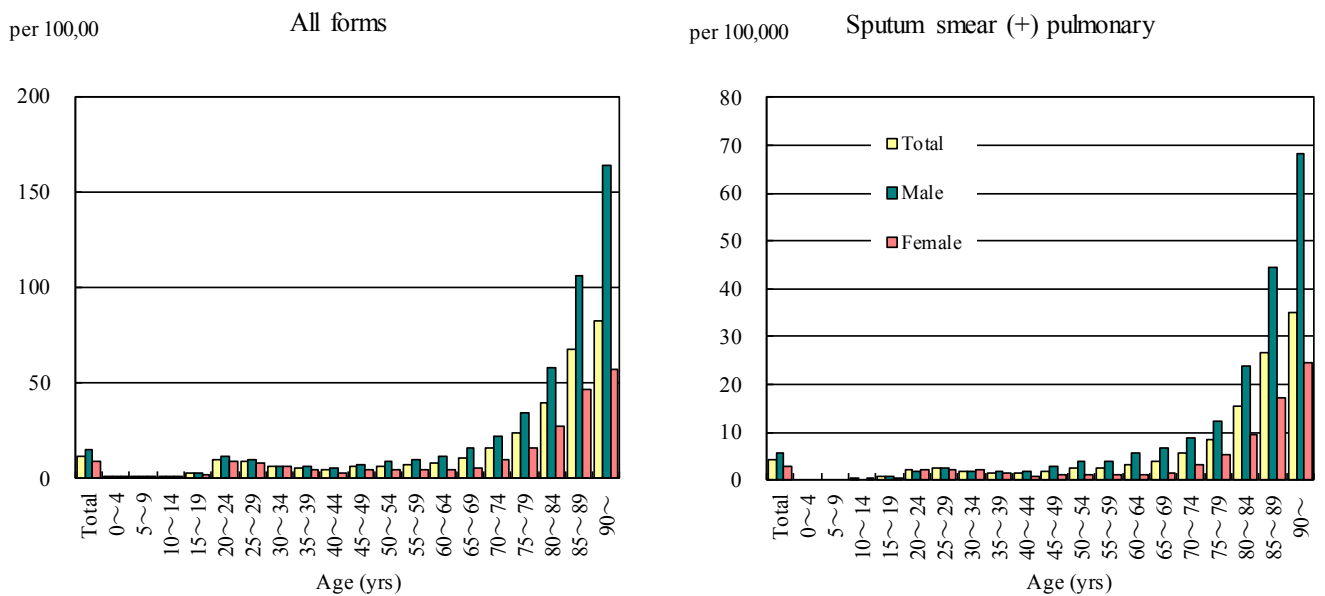


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Aug.) 2018

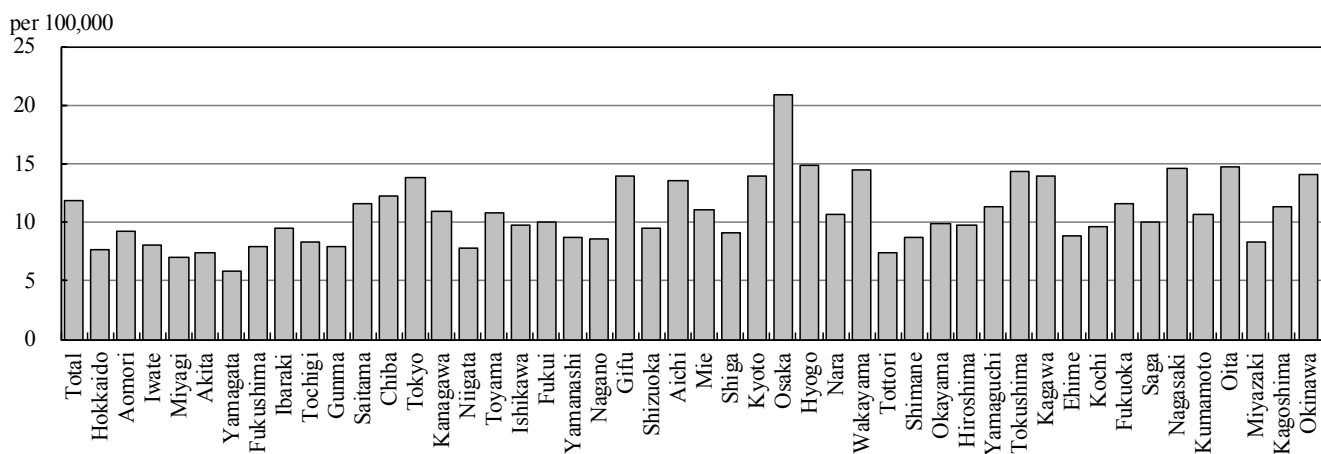


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Aug.) 2018

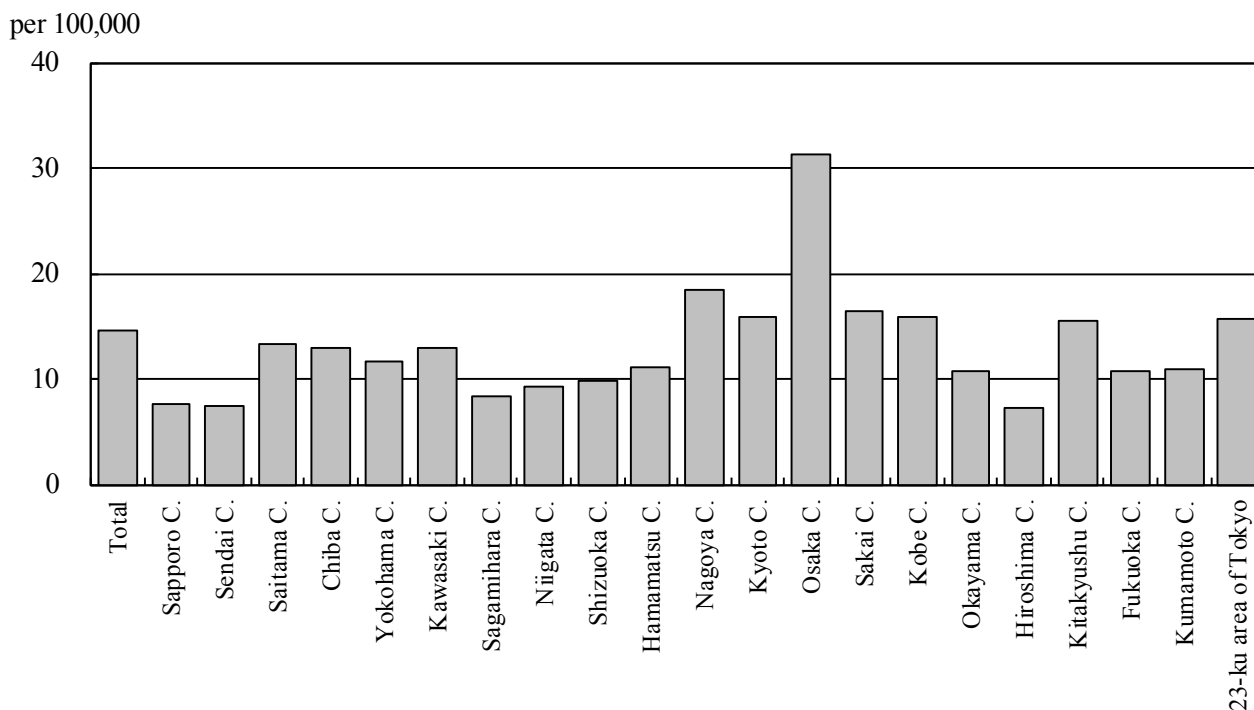


Figure 6. Number of LTBI, Japan, 2015-2018

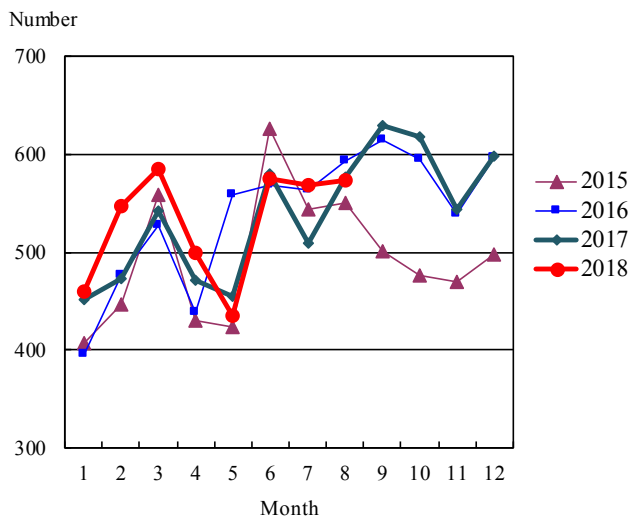


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Aug.) 2018

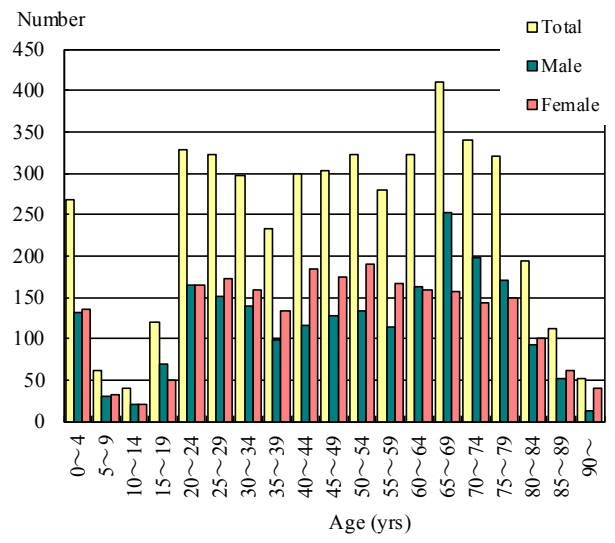


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,259	762	497	10,034	6,046	3,988	11.9	14.7	9.2
0~4	1	0	1	15	10	5	0.5	0.6	0.3
5~9	0	0	0	4	3	1	0.1	0.2	0.1
10~14	1	1	0	12	7	5	0.3	0.4	0.3
15~19	8	4	4	103	63	40	2.6	3.1	2.1
20~24	37	21	16	428	247	181	10.3	11.6	9.0
25~29	51	28	23	395	220	175	9.4	10.2	8.6
30~34	38	22	16	298	156	142	6.3	6.5	6.1
35~39	55	32	23	287	160	127	5.5	6.0	4.9
40~44	39	25	14	272	184	88	4.3	5.8	2.8
45~49	62	41	21	388	244	144	6.2	7.7	4.6
50~54	44	32	12	363	245	118	6.7	9.0	4.4
55~59	53	39	14	382	260	122	7.5	10.3	4.8
60~64	50	36	14	428	306	122	8.2	11.9	4.6
65~69	78	57	21	696	502	194	10.5	15.7	5.7
70~74	108	66	42	815	544	271	15.8	22.5	9.9
75~79	127	81	46	1,086	685	401	24.2	34.1	16.1
80~84	185	107	78	1,405	839	566	39.8	58.4	27.1
85~89	178	103	75	1,523	829	694	67.3	106.0	46.8
90~	144	67	77	1,134	542	592	82.8	164.0	57.0

Temporary registrants = 49, Total of registrants and temporary registrants = 1,308

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

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	436	277	159	3,584	2,284	1,300	4.2	5.6	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	0	0	0	2	0	2	0.1	0.0	0.1
15~19	3	3	0	27	18	9	0.7	0.9	0.5
20~24	7	4	3	86	40	46	2.1	1.9	2.3
25~29	11	6	5	98	56	42	2.3	2.6	2.1
30~34	11	5	6	88	40	48	1.9	1.7	2.1
35~39	15	6	9	82	46	36	1.6	1.7	1.4
40~44	12	10	2	81	62	19	1.3	1.9	0.6
45~49	25	18	7	124	89	35	2.0	2.8	1.1
50~54	14	11	3	133	104	29	2.4	3.8	1.1
55~59	13	11	2	126	102	24	2.5	4.0	0.9
60~64	15	12	3	167	142	25	3.2	5.5	0.9
65~69	28	24	4	264	209	55	4.0	6.5	1.6
70~74	33	23	10	298	214	84	5.8	8.8	3.1
75~79	40	23	17	381	246	135	8.5	12.3	5.4
80~84	86	55	31	542	343	199	15.4	23.9	9.5
85~89	65	42	23	604	347	257	26.7	44.4	17.3
90~	58	24	34	481	226	255	35.1	68.4	24.5

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

	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	1,259	436	10,034	3,584	11.9	4.2
Hokkaido	17	6	273	96	7.7	2.7
Aomori	9	4	79	33	9.3	3.9
Iwate	8	2	67	22	8.0	2.6
Miyagi	14	4	109	39	7.0	2.5
Akita	5	1	49	19	7.4	2.9
Yamagata	5	0	43	13	5.9	1.8
Fukushima	13	4	99	34	7.9	2.7
Ibaraki	24	8	184	71	9.5	3.7
Tochigi	9	1	109	33	8.4	2.5
Gunma	13	3	103	26	7.9	2.0
Saitama	84	29	563	203	11.6	4.2
Chiba	79	24	512	176	12.3	4.2
Tokyo	156	72	1,268	496	13.9	5.4
Kanagawa	91	24	671	227	11.0	3.7
Niigata	13	6	117	37	7.7	2.4
Toyama	16	4	76	22	10.8	3.1
Ishikawa	8	4	75	20	9.8	2.6
Fukui	11	2	52	18	10.0	3.5
Yamanashi	6	1	48	12	8.7	2.2
Nagano	17	5	119	42	8.6	3.0
Gifu	18	6	186	71	13.9	5.3
Shizuoka	19	5	233	67	9.5	2.7
Aichi	76	33	679	222	13.5	4.4
Mie	15	2	132	51	11.0	4.3
Shiga	13	2	86	26	9.1	2.8
Kyoto	27	8	241	87	13.9	5.0
Osaka	155	55	1,225	469	20.8	8.0
Hyogo	80	33	544	210	14.8	5.7
Nara	12	3	96	39	10.7	4.3
Wakayama	16	7	91	35	14.4	5.6
Tottori	2	2	28	10	7.4	2.7
Shimane	6	2	40	13	8.8	2.8
Okayama	14	5	125	44	9.8	3.5
Hiroshima	34	14	184	75	9.8	4.0
Yamaguchi	10	0	104	25	11.3	2.7
Tokushima	5	4	71	30	14.3	6.1
Kagawa	11	4	90	26	14.0	4.0
Ehime	8	3	80	27	8.8	3.0
Kochi	4	2	46	12	9.7	2.5
Fukuoka	45	17	394	144	11.6	4.2
Saga	9	2	55	26	10.0	4.7
Nagasaki	12	3	132	42	14.6	4.7
Kumamoto	12	4	126	46	10.7	3.9
Oita	18	4	113	45	14.7	5.9
Miyazaki	1	0	60	29	8.3	4.0
Kagoshima	24	7	122	34	11.3	3.1
Okinawa	15	5	135	40	14.0	4.2

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

	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	427	158	3,591	1,295	14.5	5.2
Sapporo City	0	0	100	28	7.6	2.1
Sendai City	9	1	54	18	7.5	2.5
Saitama City	16	5	115	36	13.4	4.2
Chiba City	9	2	84	33	12.9	5.1
Yokohama City	43	7	291	84	11.7	3.4
Kawasaki City	14	4	129	39	12.9	3.9
Sagamihara City	8	2	40	16	8.3	3.3
Niigata City	10	4	50	13	9.3	2.4
Shizuoka City	2	0	46	15	9.8	3.2
Hamamatsu City	3	0	59	18	11.1	3.4
Nagoya City	31	14	285	107	18.5	6.9
Kyoto City	15	4	156	58	15.9	5.9
Osaka City	71	27	565	222	31.2	12.3
Sakai City	9	4	91	39	16.4	7.0
Kobe City	24	7	162	47	15.9	4.6
Okayama City	8	2	51	13	10.8	2.7
Hiroshima City	7	5	58	21	7.3	2.6
Kitakyushu City	15	6	98	35	15.5	5.5
Fukuoka City	11	5	112	44	10.7	4.2
Kumamoto City	4	2	54	23	10.9	4.7
23-ku area of Tokyo	118	57	991	386	15.7	6.1

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

	Aug.			Summation (Jan.-Aug.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	574	272	302	4,625	2,234	2,391	0.5	0.4	0.6
0~4	33	18	15	267	132	135	17.8	13.2	27.0
5~9	4	1	3	62	30	32	15.5	10.0	32.0
10~14	2	2	0	40	20	20	3.3	2.9	4.0
15~19	10	5	5	120	70	50	1.2	1.1	1.3
20~24	41	22	19	328	164	164	0.8	0.7	0.9
25~29	49	21	28	323	151	172	0.8	0.7	1.0
30~34	38	13	25	297	139	158	1.0	0.9	1.1
35~39	34	14	20	232	98	134	0.8	0.6	1.1
40~44	35	12	23	300	116	184	1.1	0.6	2.1
45~49	35	16	19	303	128	175	0.8	0.5	1.2
50~54	44	22	22	322	133	189	0.9	0.5	1.6
55~59	35	16	19	280	113	167	0.7	0.4	1.4
60~64	43	23	20	322	163	159	0.8	0.5	1.3
65~69	44	26	18	410	253	157	0.6	0.5	0.8
70~74	49	27	22	340	197	143	0.4	0.4	0.5
75~79	35	20	15	321	171	150	0.3	0.2	0.4
80~84	22	8	14	194	93	101	0.1	0.1	0.2
85~89	10	5	5	112	51	61	0.1	0.1	0.1
90~	11	1	10	52	12	40	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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	574	4,625	0.46
Hokkaido	8	118	0.43
Aomori	5	46	0.58
Iwate	6	45	0.67
Miyagi	30	107	0.98
Akita	6	30	0.61
Yamagata	4	16	0.37
Fukushima	7	23	0.23
Ibaraki	10	81	0.44
Tochigi	2	33	0.30
Gunma	6	38	0.37
Saitama	57	284	0.50
Chiba	21	225	0.44
Tokyo	96	688	0.54
Kanagawa	26	328	0.49
Niigata	7	80	0.68
Toyama	7	67	0.88
Ishikawa	4	34	0.45
Fukui	5	31	0.60
Yamanashi	2	15	0.31
Nagano	13	62	0.52
Gifu	10	60	0.32
Shizuoka	9	58	0.25
Aichi	15	260	0.38
Mie	4	53	0.40
Shiga	9	62	0.72
Kyoto	12	125	0.52
Osaka	60	486	0.40
Hyogo	30	213	0.39
Nara	5	51	0.53
Wakayama	8	38	0.42
Tottori	0	9	0.32
Shimane	0	10	0.25
Okayama	12	93	0.74
Hiroshima	10	86	0.47
Yamaguchi	4	36	0.35
Tokushima	2	18	0.25
Kagawa	4	41	0.46
Ehime	2	23	0.29
Kochi	0	15	0.33
Fukuoka	20	187	0.47
Saga	1	21	0.38
Nagasaki	5	47	0.36
Kumamoto	1	32	0.25
Oita	9	50	0.44
Miyazaki	5	31	0.52
Kagoshima	3	56	0.46
Okinawa	12	113	0.84

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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	205	1,623	0.45
Sapporo City	0	46	0.46
Sendai City	25	85	1.57
Saitama City	6	31	0.27
Chiba City	0	30	0.36
Yokohama City	7	104	0.36
Kawasaki City	6	68	0.53
Sagamihara City	4	13	0.33
Niigata City	4	29	0.58
Shizuoka City	0	3	0.07
Hamamatsu City	4	18	0.31
Nagoya City	4	92	0.32
Kyoto City	3	66	0.42
Osaka City	26	195	0.35
Sakai City	6	35	0.38
Kobe City	10	75	0.46
Okayama City	3	49	0.96
Hiroshima City	1	18	0.31
Kitakyushu City	7	38	0.39
Fukuoka City	7	52	0.46
Kumamoto City	1	13	0.24
23-ku area of Tokyo	81	563	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