



Monthly Report of Tuberculosis Surveillance, Japan – April, 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

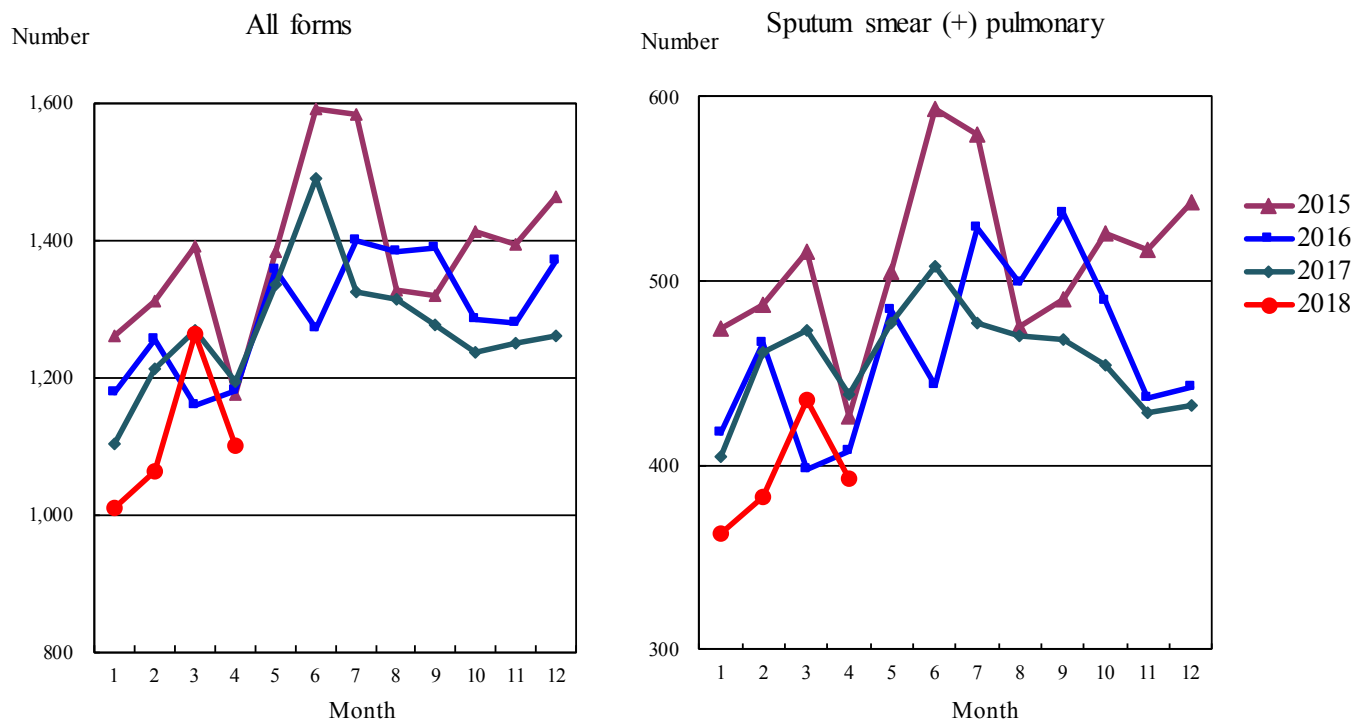


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Apr.) 2018

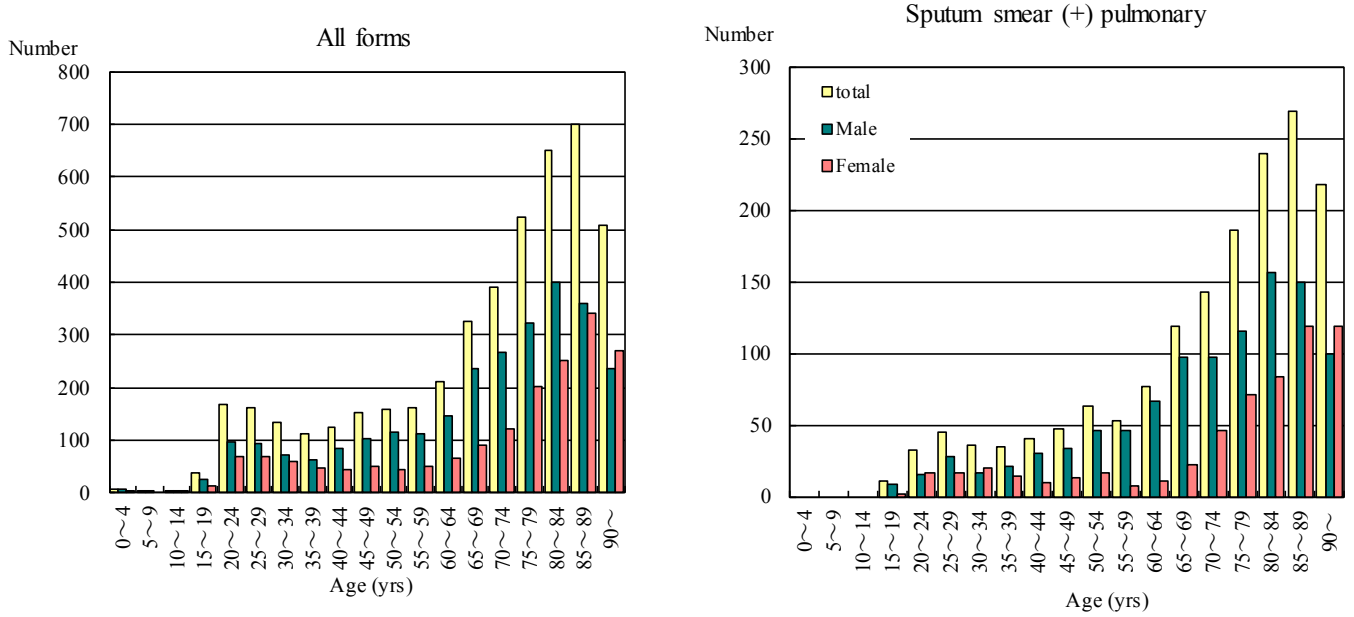


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Apr.) 2018

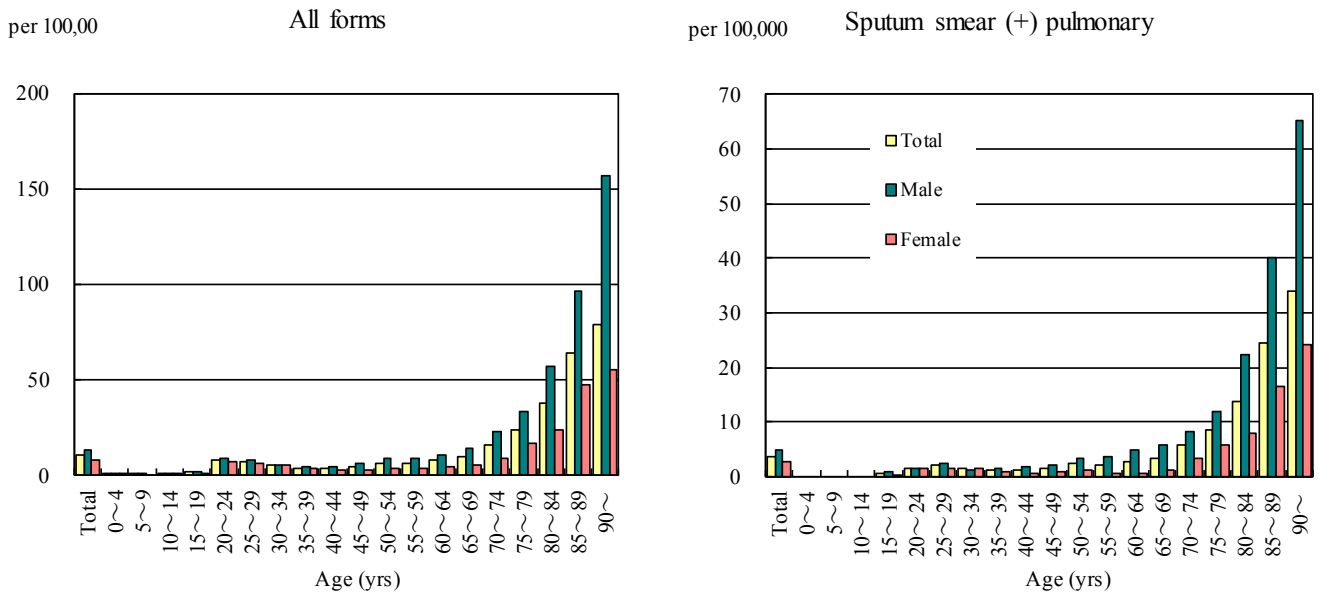


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Apr.) 2018

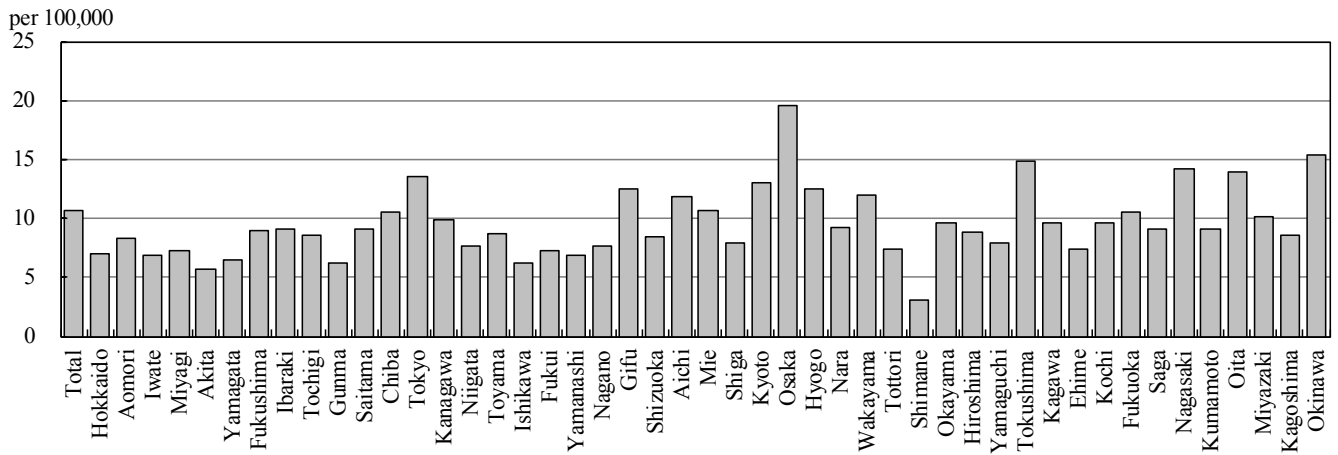


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Apr.) 2018

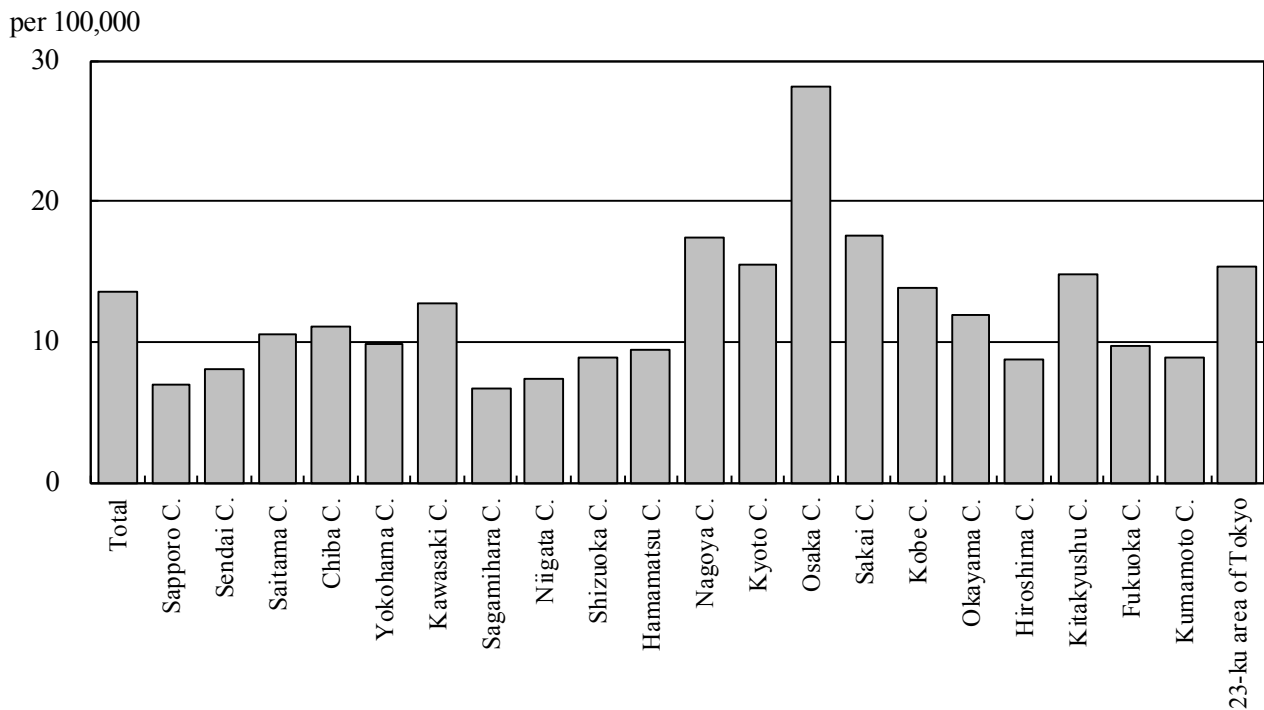


Figure 6. Number of LTBI, Japan, 2015-2018

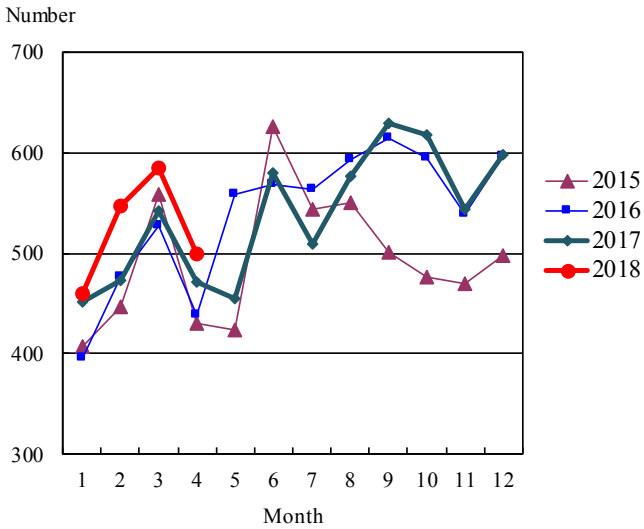


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Apr.) 2018

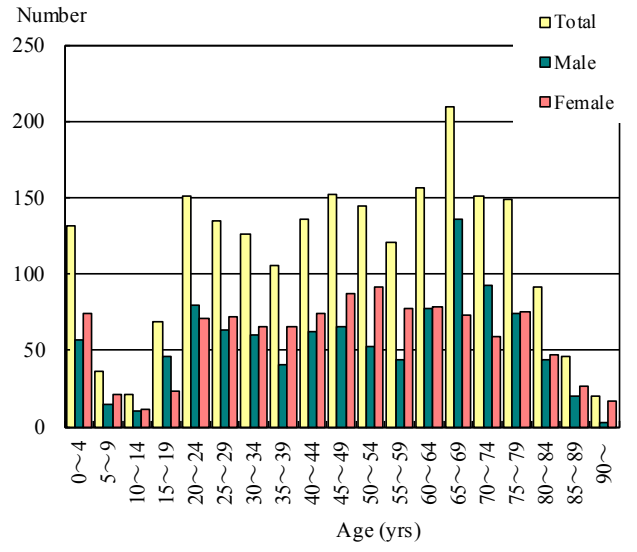


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Apr.			Summation (Jan.-Apr.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,100	644	456	4,538	2,742	1,796	10.7	13.3	8.3
0~4	1	1	0	7	6	1	0.4	0.7	0.1
5~9	1	1	0	3	3	0	0.2	0.3	0.0
10~14	0	0	0	5	4	1	0.3	0.4	0.1
15~19	9	6	3	39	25	14	1.9	2.4	1.4
20~24	42	27	15	167	97	70	8.1	9.2	7.0
25~29	44	23	21	161	93	68	7.6	8.5	6.5
30~34	36	19	17	134	73	61	5.5	5.9	5.1
35~39	26	17	9	112	64	48	4.1	4.7	3.6
40~44	23	16	7	126	83	43	3.9	5.1	2.7
45~49	35	21	14	152	102	50	4.9	6.5	3.3
50~54	34	27	7	159	114	45	6.0	8.6	3.4
55~59	42	23	19	162	112	50	6.4	8.9	4.0
60~64	43	32	11	210	145	65	7.7	10.8	4.7
65~69	84	58	26	327	235	92	9.5	14.2	5.2
70~74	88	55	33	390	268	122	15.8	23.3	9.3
75~79	147	93	54	525	322	203	24.1	33.2	16.8
80~84	157	82	75	650	400	250	37.6	57.3	24.3
85~89	170	89	81	701	359	342	64.2	96.2	47.6
90~	118	54	64	508	237	271	79.1	156.6	55.2

Temporary registrants = 49, Total of registrants and temporary registrants = 1,149

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, 2018

	Apr.			Summation (Jan.-Apr.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	393	244	149	1,613	1,025	588	3.8	5.0	2.7
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	0	0	0	0.0	0.0	0.0
15~19	4	3	1	11	9	2	0.5	0.9	0.2
20~24	9	5	4	32	15	17	1.6	1.4	1.7
25~29	11	5	6	45	28	17	2.1	2.6	1.6
30~34	14	5	9	36	16	20	1.5	1.3	1.7
35~39	6	5	1	35	21	14	1.3	1.5	1.0
40~44	7	5	2	40	30	10	1.2	1.8	0.6
45~49	8	5	3	47	34	13	1.5	2.2	0.8
50~54	13	10	3	63	46	17	2.4	3.5	1.3
55~59	8	7	1	53	46	7	2.1	3.7	0.6
60~64	12	10	2	77	66	11	2.8	4.9	0.8
65~69	29	22	7	119	97	22	3.5	5.9	1.2
70~74	33	24	9	143	97	46	5.8	8.4	3.5
75~79	50	37	13	186	115	71	8.6	11.9	5.9
80~84	58	33	25	239	156	83	13.8	22.3	8.1
85~89	72	42	30	269	150	119	24.6	40.2	16.6
90~	59	26	33	218	99	119	33.9	65.4	24.2

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

Population: as of 1st Oct. 2016

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

	Apr.		Summation (Jan.-Apr.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,100	393	4,538	1,613	10.7	3.8
Hokkaido	24	10	124	41	7.0	2.3
Aomori	9	6	36	16	8.3	3.7
Iwate	6	2	29	5	6.9	1.2
Miyagi	11	4	56	17	7.2	2.2
Akita	4	1	19	8	5.6	2.4
Yamagata	6	5	24	9	6.5	2.4
Fukushima	11	4	57	19	9.0	3.0
Ibaraki	14	5	88	34	9.1	3.5
Tochigi	12	6	56	13	8.5	2.0
Gunma	8	4	41	15	6.3	2.3
Saitama	45	14	220	82	9.1	3.4
Chiba	60	22	219	74	10.5	3.6
Tokyo	159	63	614	232	13.5	5.1
Kanagawa	68	24	303	114	9.9	3.7
Niigata	14	0	58	18	7.6	2.4
Toyama	11	3	31	6	8.8	1.7
Ishikawa	3	2	24	7	6.3	1.8
Fukui	0	0	19	9	7.3	3.5
Yamanashi	2	1	19	6	6.9	2.2
Nagano	13	4	53	18	7.6	2.6
Gifu	23	9	84	33	12.5	4.9
Shizuoka	18	7	104	30	8.5	2.4
Aichi	83	28	297	99	11.9	4.0
Mie	16	7	64	29	10.6	4.8
Shiga	12	8	37	13	7.9	2.8
Kyoto	35	7	113	33	13.0	3.8
Osaka	149	49	576	220	19.6	7.5
Hyogo	64	24	229	87	12.4	4.7
Nara	8	3	42	19	9.3	4.2
Wakayama	5	3	38	14	11.9	4.4
Tottori	4	0	14	4	7.4	2.1
Shimane	1	0	7	4	3.0	1.7
Okayama	13	4	61	21	9.6	3.3
Hiroshima	17	7	84	35	8.9	3.7
Yamaguchi	10	4	37	10	8.0	2.2
Tokushima	12	6	37	13	14.8	5.2
Kagawa	7	3	31	6	9.6	1.9
Ehime	10	3	34	13	7.4	2.8
Kochi	4	1	23	7	9.6	2.9
Fukuoka	42	12	180	61	10.6	3.6
Saga	7	2	25	9	9.1	3.3
Nagasaki	15	5	65	20	14.3	4.4
Kumamoto	13	7	54	17	9.1	2.9
Oita	17	4	54	20	14.0	5.2
Miyazaki	6	3	37	17	10.1	4.7
Kagoshima	14	2	47	13	8.6	2.4
Okinawa	15	5	74	23	15.4	4.8

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, 2018

	Apr.		Summation (Jan.-Apr.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	409	126	1,665	579	13.5	4.7
Sapporo City	3	1	45	10	6.9	1.5
Sendai City	8	4	29	11	8.0	3.0
Saitama City	15	3	45	13	10.5	3.0
Chiba City	9	5	36	14	11.1	4.3
Yokohama City	26	9	123	40	9.9	3.2
Kawasaki City	16	0	63	18	12.7	3.6
Sagamihara City	1	0	16	9	6.7	3.7
Niigata City	5	0	20	4	7.4	1.5
Shizuoka City	0	0	21	6	8.9	2.5
Hamamatsu City	5	3	25	9	9.4	3.4
Nagoya City	46	13	134	51	17.4	6.6
Kyoto City	24	5	76	22	15.5	4.5
Osaka City	59	17	253	99	28.1	11.0
Sakai City	16	4	49	15	17.6	5.4
Kobe City	20	3	71	18	13.9	3.5
Okayama City	7	3	28	9	11.9	3.8
Hiroshima City	6	2	35	12	8.8	3.0
Kitakyushu City	10	3	47	17	14.7	5.3
Fukuoka City	10	3	50	19	9.7	3.7
Kumamoto City	7	3	22	7	8.9	2.8
23-ku area of Tokyo	116	45	477	176	15.3	5.6

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, 2018

	Apr.			Summation (Jan.-Apr.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	500	217	283	2,150	1,042	1,108	0.5	0.4	0.6
0~4	15	5	10	131	57	74	18.7	9.5	74.0
5~9	8	4	4	36	15	21	12.0	5.0	-
10~14	10	4	6	21	10	11	4.2	2.5	11.0
15~19	18	10	8	69	46	23	1.8	1.8	1.6
20~24	48	20	28	151	80	71	0.9	0.8	1.0
25~29	33	11	22	135	63	72	0.8	0.7	1.1
30~34	28	11	17	126	60	66	0.9	0.8	1.1
35~39	25	9	16	106	41	65	0.9	0.6	1.4
40~44	37	13	24	136	62	74	1.1	0.7	1.7
45~49	32	15	17	152	65	87	1.0	0.6	1.7
50~54	29	9	20	144	53	91	0.9	0.5	2.0
55~59	28	9	19	121	44	77	0.7	0.4	1.5
60~64	38	15	23	156	77	79	0.7	0.5	1.2
65~69	50	31	19	209	136	73	0.6	0.6	0.8
70~74	35	23	12	151	92	59	0.4	0.3	0.5
75~79	33	17	16	149	74	75	0.3	0.2	0.4
80~84	21	9	12	91	44	47	0.1	0.1	0.2
85~89	6	2	4	46	20	26	0.1	0.1	0.1
90~	6	0	6	20	3	17	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

	Apr.	Summation (Jan.-Apr.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	500	2,150	0.47
Hokkaido	10	51	0.41
Aomori	3	11	0.31
Iwate	5	24	0.83
Miyagi	4	38	0.68
Akita	3	15	0.79
Yamagata	2	4	0.17
Fukushima	1	10	0.18
Ibaraki	8	37	0.42
Tochigi	1	11	0.20
Gunma	5	19	0.46
Saitama	13	114	0.52
Chiba	20	109	0.50
Tokyo	99	350	0.57
Kanagawa	42	158	0.52
Niigata	10	40	0.69
Toyama	15	37	1.19
Ishikawa	5	13	0.54
Fukui	5	13	0.68
Yamanashi	2	6	0.32
Nagano	7	25	0.47
Gifu	12	24	0.29
Shizuoka	5	30	0.29
Aichi	34	125	0.42
Mie	8	23	0.36
Shiga	5	20	0.54
Kyoto	10	78	0.69
Osaka	50	251	0.44
Hyogo	33	94	0.41
Nara	3	17	0.40
Wakayama	2	15	0.39
Tottori	0	5	0.36
Shimane	2	4	0.57
Okayama	4	34	0.56
Hiroshima	6	46	0.55
Yamaguchi	3	10	0.27
Tokushima	0	7	0.19
Kagawa	6	13	0.42
Ehime	5	15	0.44
Kochi	5	8	0.35
Fukuoka	19	100	0.56
Saga	2	8	0.32
Nagasaki	2	14	0.22
Kumamoto	3	17	0.31
Oita	3	19	0.35
Miyazaki	3	17	0.46
Kagoshima	6	25	0.53
Okinawa	9	46	0.62

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

	Apr.	Summation (Jan.-Apr.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	193	786	0.47
Sapporo City	3	17	0.38
Sendai City	4	26	0.90
Saitama City	2	12	0.27
Chiba City	1	18	0.50
Yokohama City	7	45	0.37
Kawasaki City	8	37	0.59
Sagamihara City	5	6	0.38
Niigata City	2	15	0.75
Shizuoka City	0	2	0.10
Hamamatsu City	2	10	0.40
Nagoya City	12	41	0.31
Kyoto City	8	37	0.49
Osaka City	21	102	0.40
Sakai City	6	17	0.35
Kobe City	12	38	0.54
Okayama City	1	15	0.54
Hiroshima City	3	10	0.29
Kitakyushu City	4	12	0.26
Fukuoka City	8	38	0.76
Kumamoto City	3	7	0.32
23-ku area of Tokyo	81	281	0.59

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