



Monthly Report of Tuberculosis Surveillance, Japan – May, 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

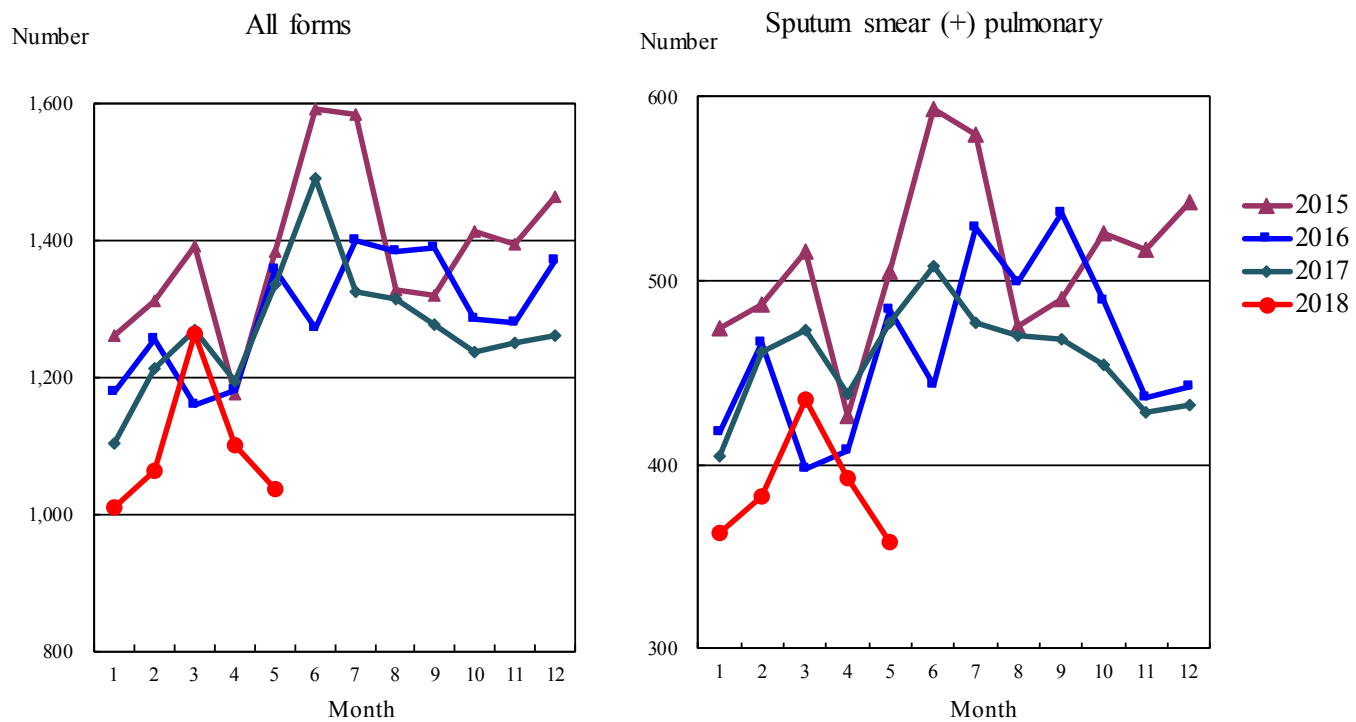


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-May.) 2018

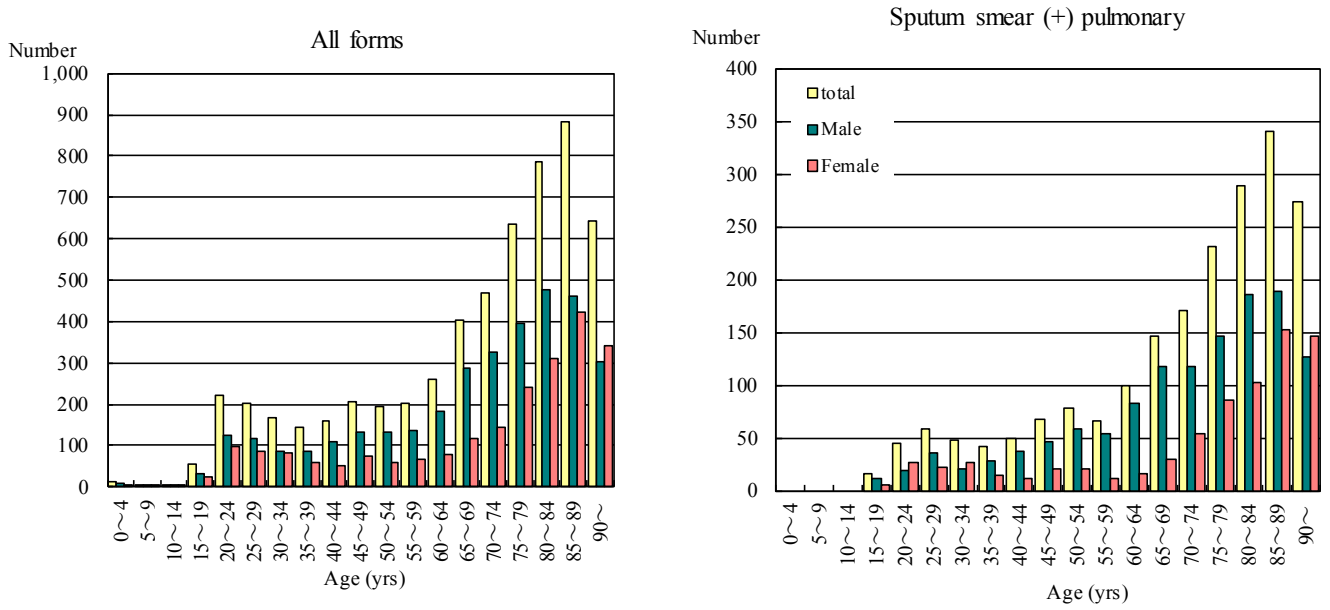


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-May.) 2018

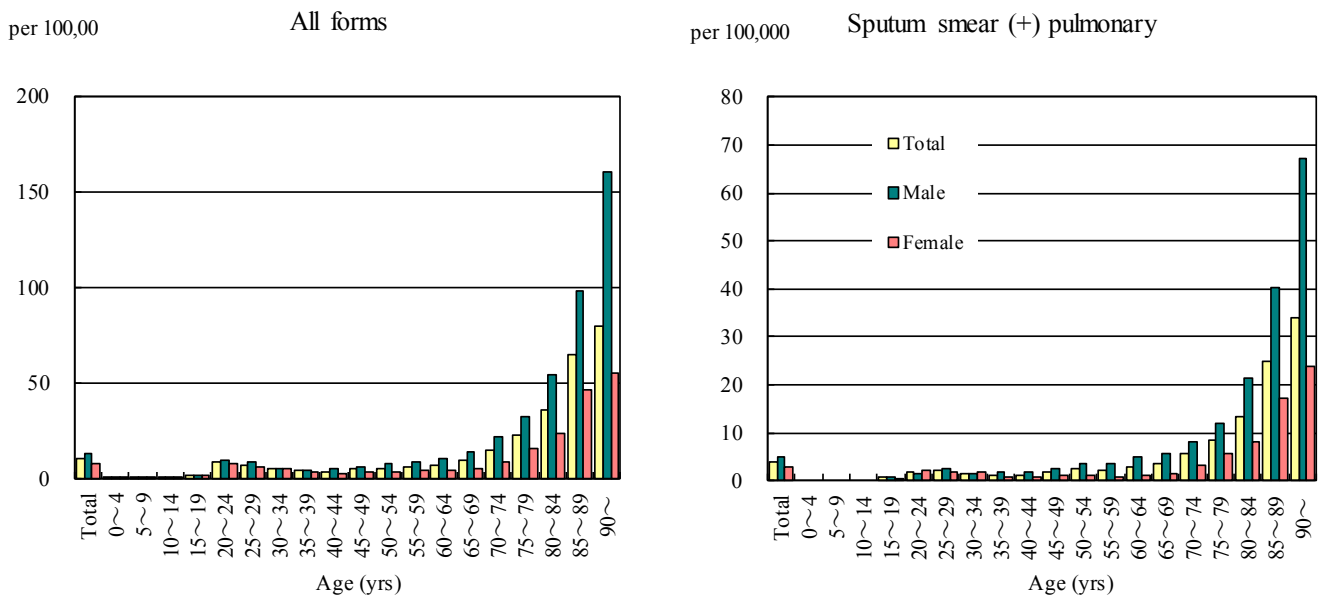


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-May.) 2018

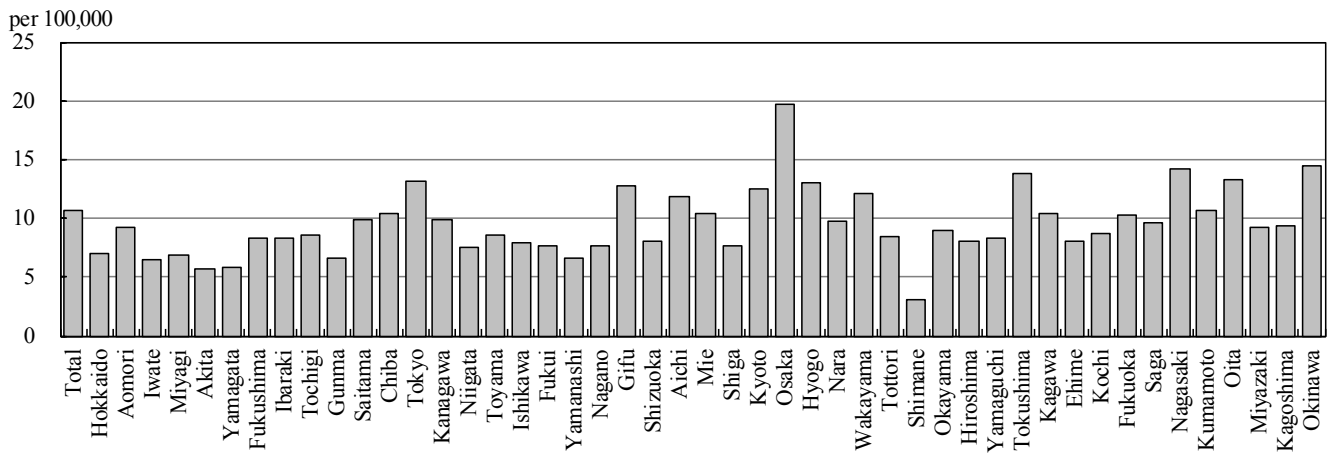


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-May.) 2018

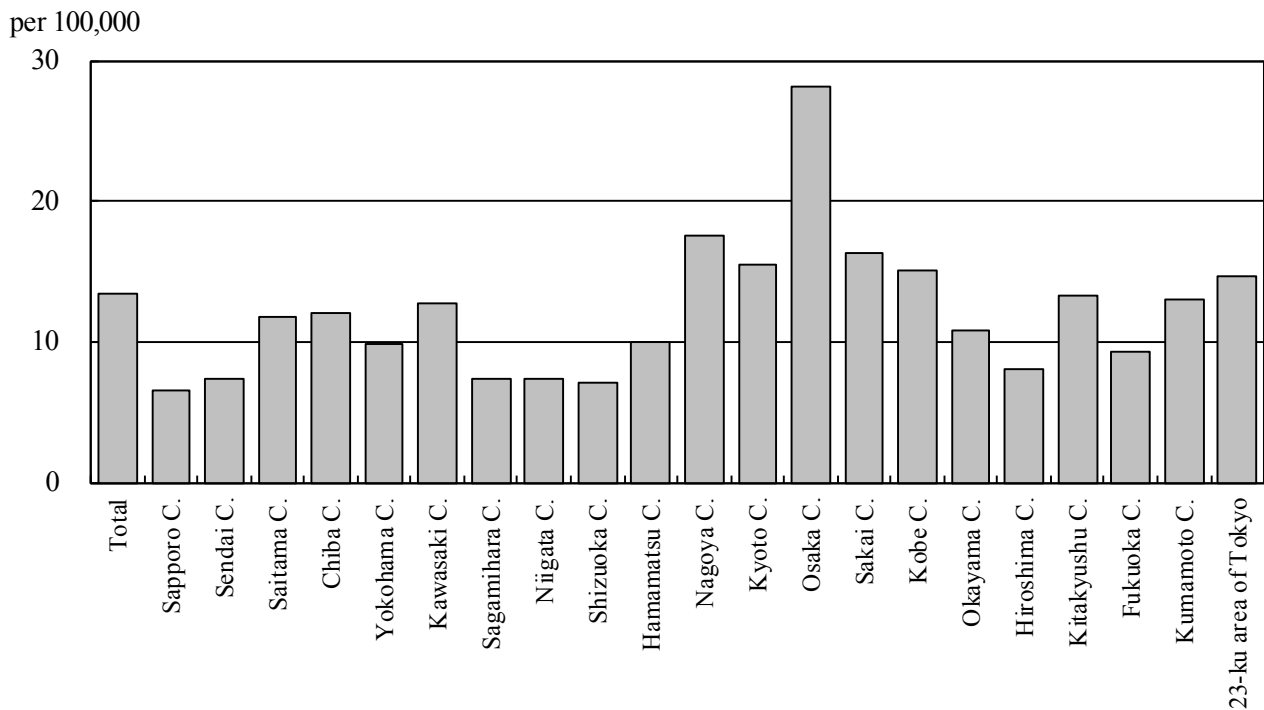


Figure 6. Number of LTBI, Japan, 2015-2018

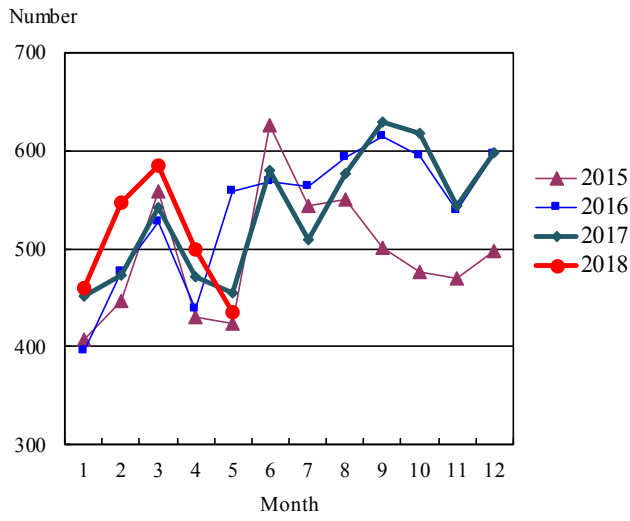


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-May.) 2018

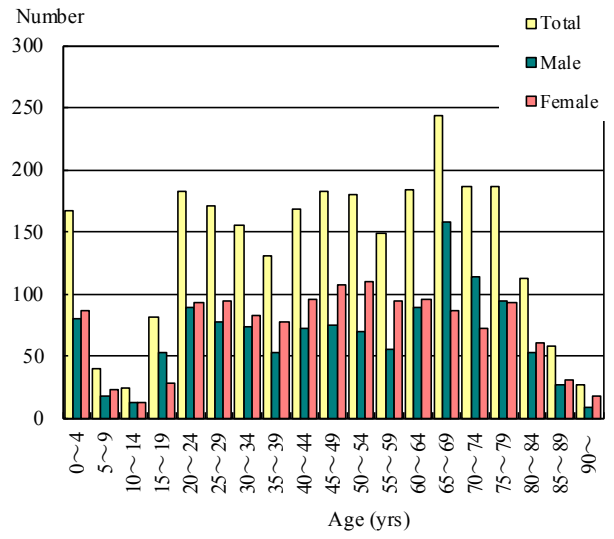


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,036	615	421	5,662	3,401	2,261	10.7	13.2	8.3
0~4	3	2	1	11	9	2	0.5	0.9	0.2
5~9	0	0	0	4	3	1	0.2	0.3	0.1
10~14	1	1	0	6	5	1	0.3	0.4	0.1
15~19	15	6	9	54	31	23	2.1	2.4	1.9
20~24	48	24	24	223	125	98	8.7	9.5	7.9
25~29	41	23	18	204	117	87	7.7	8.6	6.7
30~34	34	12	22	169	86	83	5.6	5.6	5.6
35~39	27	19	8	145	86	59	4.3	5.0	3.5
40~44	28	22	6	159	108	51	3.9	5.3	2.6
45~49	44	23	21	206	133	73	5.3	6.8	3.8
50~54	33	19	14	194	134	60	5.9	8.1	3.7
55~59	39	24	15	204	136	68	6.5	8.7	4.3
60~64	52	36	16	261	183	78	7.7	10.9	4.5
65~69	74	50	24	405	287	118	9.5	13.9	5.3
70~74	75	52	23	470	324	146	15.2	22.5	8.9
75~79	105	71	34	636	395	241	23.4	32.6	16.0
80~84	127	70	57	787	476	311	36.5	54.5	24.2
85~89	170	101	69	881	460	421	64.6	98.6	46.9
90~	120	60	60	643	303	340	80.1	160.1	55.4

Temporary registrants = 99, Total of registrants and temporary registrants = 1,135

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

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	358	215	143	2,021	1,275	746	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	5	2	3	16	11	5	0.6	0.9	0.4
20~24	11	4	7	45	19	26	1.8	1.4	2.1
25~29	11	6	5	58	36	22	2.2	2.6	1.7
30~34	11	4	7	48	21	27	1.6	1.4	1.8
35~39	6	6	0	42	28	14	1.2	1.6	0.8
40~44	8	6	2	49	37	12	1.2	1.8	0.6
45~49	18	11	7	67	47	20	1.7	2.4	1.0
50~54	13	10	3	78	58	20	2.4	3.5	1.2
55~59	13	8	5	66	54	12	2.1	3.4	0.8
60~64	23	18	5	99	83	16	2.9	5.0	0.9
65~69	25	17	8	147	117	30	3.4	5.6	1.4
70~74	23	16	7	171	117	54	5.5	8.1	3.3
75~79	40	28	12	231	146	85	8.5	12.1	5.6
80~84	42	25	17	289	186	103	13.4	21.3	8.0
85~89	64	34	30	341	188	153	25.0	40.3	17.0
90~	45	20	25	274	127	147	34.1	67.1	23.9

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

	May.		Summation (Jan.-May.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,036	358	5,662	2,021	10.7	3.8
Hokkaido	16	4	156	54	7.0	2.4
Aomori	6	3	50	20	9.3	3.7
Iwate	5	1	34	6	6.4	1.1
Miyagi	12	3	67	20	6.9	2.1
Akita	4	3	24	12	5.7	2.9
Yamagata	4	1	27	10	5.8	2.2
Fukushima	6	1	66	22	8.3	2.8
Ibaraki	11	8	100	43	8.3	3.6
Tochigi	11	3	70	19	8.5	2.3
Gunma	6	2	54	18	6.6	2.2
Saitama	80	22	300	105	9.9	3.5
Chiba	53	17	271	91	10.4	3.5
Tokyo	127	51	747	286	13.2	5.0
Kanagawa	67	25	379	144	9.9	3.8
Niigata	11	5	72	23	7.6	2.4
Toyama	6	2	38	9	8.6	2.0
Ishikawa	14	6	38	13	7.9	2.7
Fukui	5	0	25	10	7.7	3.1
Yamanashi	4	2	23	8	6.7	2.3
Nagano	14	5	67	23	7.7	2.6
Gifu	20	7	108	42	12.8	5.0
Shizuoka	18	2	124	32	8.1	2.1
Aichi	64	11	369	112	11.8	3.6
Mie	14	3	78	33	10.4	4.4
Shiga	8	4	45	17	7.6	2.9
Kyoto	21	7	136	42	12.5	3.9
Osaka	147	61	723	285	19.6	7.7
Hyogo	69	27	299	115	13.0	5.0
Nara	12	6	55	25	9.7	4.4
Wakayama	9	3	48	18	12.1	4.5
Tottori	6	1	20	5	8.4	2.1
Shimane	2	0	9	4	3.1	1.4
Okayama	10	2	72	25	9.0	3.1
Hiroshima	10	5	95	40	8.0	3.4
Yamaguchi	8	1	48	12	8.3	2.1
Tokushima	8	4	43	16	13.8	5.1
Kagawa	12	4	42	9	10.4	2.2
Ehime	12	1	46	15	8.0	2.6
Kochi	3	1	26	8	8.7	2.7
Fukuoka	37	15	218	77	10.2	3.6
Saga	8	4	33	13	9.6	3.8
Nagasaki	14	9	81	29	14.2	5.1
Kumamoto	25	6	79	23	10.7	3.1
Oita	10	3	64	23	13.2	4.8
Miyazaki	3	1	42	19	9.2	4.2
Kagoshima	13	3	64	17	9.4	2.5
Okinawa	11	3	87	29	14.5	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

	May.		Summation (Jan.-May.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	381	143	2,063	738	13.4	4.8
Sapporo City	0	0	53	13	6.5	1.6
Sendai City	6	2	33	13	7.3	2.9
Saitama City	18	5	63	18	11.8	3.4
Chiba City	15	8	49	21	12.1	5.2
Yokohama City	22	5	154	50	9.9	3.2
Kawasaki City	16	6	79	24	12.7	3.9
Sagamihara City	6	3	22	12	7.3	4.0
Niigata City	5	2	25	6	7.4	1.8
Shizuoka City	0	0	21	6	7.1	2.0
Hamamatsu City	8	1	33	10	9.9	3.0
Nagoya City	33	8	169	61	17.6	6.4
Kyoto City	19	7	95	30	15.5	4.9
Osaka City	68	30	317	129	28.2	11.5
Sakai City	7	5	57	21	16.3	6.0
Kobe City	25	10	96	28	15.0	4.4
Okayama City	4	0	32	10	10.8	3.4
Hiroshima City	5	2	40	14	8.0	2.8
Kitakyushu City	6	1	53	18	13.3	4.5
Fukuoka City	9	5	60	25	9.3	3.9
Kumamoto City	18	4	40	11	13.0	3.6
23-ku area of Tokyo	91	39	572	218	14.7	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

	May.			Summation (Jan.-May.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	436	211	225	2,626	1,268	1,358	0.5	0.4	0.6
0~4	32	20	12	167	80	87	15.2	8.9	43.5
5~9	4	2	2	40	17	23	10.0	5.7	23.0
10~14	3	2	1	24	12	12	4.0	2.4	12.0
15~19	11	6	5	81	53	28	1.5	1.7	1.2
20~24	28	10	18	182	89	93	0.8	0.7	0.9
25~29	33	13	20	171	77	94	0.8	0.7	1.1
30~34	25	12	13	155	73	82	0.9	0.8	1.0
35~39	22	10	12	130	53	77	0.9	0.6	1.3
40~44	30	10	20	168	72	96	1.1	0.7	1.9
45~49	28	9	19	182	75	107	0.9	0.6	1.5
50~54	32	16	16	180	70	110	0.9	0.5	1.8
55~59	26	10	16	149	55	94	0.7	0.4	1.4
60~64	24	10	14	184	89	95	0.7	0.5	1.2
65~69	32	21	11	244	158	86	0.6	0.6	0.7
70~74	34	21	13	186	114	72	0.4	0.4	0.5
75~79	34	18	16	187	94	93	0.3	0.2	0.4
80~84	20	9	11	112	52	60	0.1	0.1	0.2
85~89	12	7	5	58	27	31	0.1	0.1	0.1
90~	6	5	1	26	8	18	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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	436	2,626	0.46
Hokkaido	4	58	0.37
Aomori	8	20	0.40
Iwate	3	33	0.97
Miyagi	15	54	0.81
Akita	2	17	0.71
Yamagata	8	12	0.44
Fukushima	2	12	0.18
Ibaraki	6	43	0.43
Tochigi	3	14	0.20
Gunma	0	20	0.37
Saitama	26	140	0.47
Chiba	17	126	0.46
Tokyo	68	422	0.56
Kanagawa	28	189	0.50
Niigata	5	45	0.63
Toyama	5	42	1.11
Ishikawa	1	14	0.37
Fukui	1	14	0.56
Yamanashi	4	10	0.43
Nagano	3	28	0.42
Gifu	6	31	0.29
Shizuoka	7	37	0.30
Aichi	40	169	0.46
Mie	6	29	0.37
Shiga	7	29	0.64
Kyoto	8	86	0.63
Osaka	28	284	0.39
Hyogo	25	120	0.40
Nara	4	21	0.38
Wakayama	4	20	0.42
Tottori	0	5	0.25
Shimane	2	6	0.67
Okayama	8	44	0.61
Hiroshima	7	56	0.59
Yamaguchi	1	12	0.25
Tokushima	0	7	0.16
Kagawa	4	17	0.40
Ehime	1	16	0.35
Kochi	2	10	0.38
Fukuoka	26	125	0.57
Saga	5	13	0.39
Nagasaki	7	21	0.26
Kumamoto	4	21	0.27
Oita	10	29	0.45
Miyazaki	3	20	0.48
Kagoshima	6	32	0.50
Okinawa	6	53	0.61

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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	170	973	0.47
Sapporo City	2	21	0.40
Sendai City	12	38	1.15
Saitama City	4	16	0.25
Chiba City	2	20	0.41
Yokohama City	7	55	0.36
Kawasaki City	8	45	0.57
Sagamihara City	1	7	0.32
Niigata City	3	18	0.72
Shizuoka City	0	2	0.10
Hamamatsu City	3	13	0.39
Nagoya City	24	66	0.39
Kyoto City	8	45	0.47
Osaka City	13	119	0.38
Sakai City	1	17	0.30
Kobe City	8	46	0.48
Okayama City	4	21	0.66
Hiroshima City	2	15	0.38
Kitakyushu City	8	20	0.38
Fukuoka City	5	42	0.70
Kumamoto City	0	7	0.18
23-ku area of Tokyo	55	340	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