



Monthly Report of Tuberculosis Surveillance, Japan – March, 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

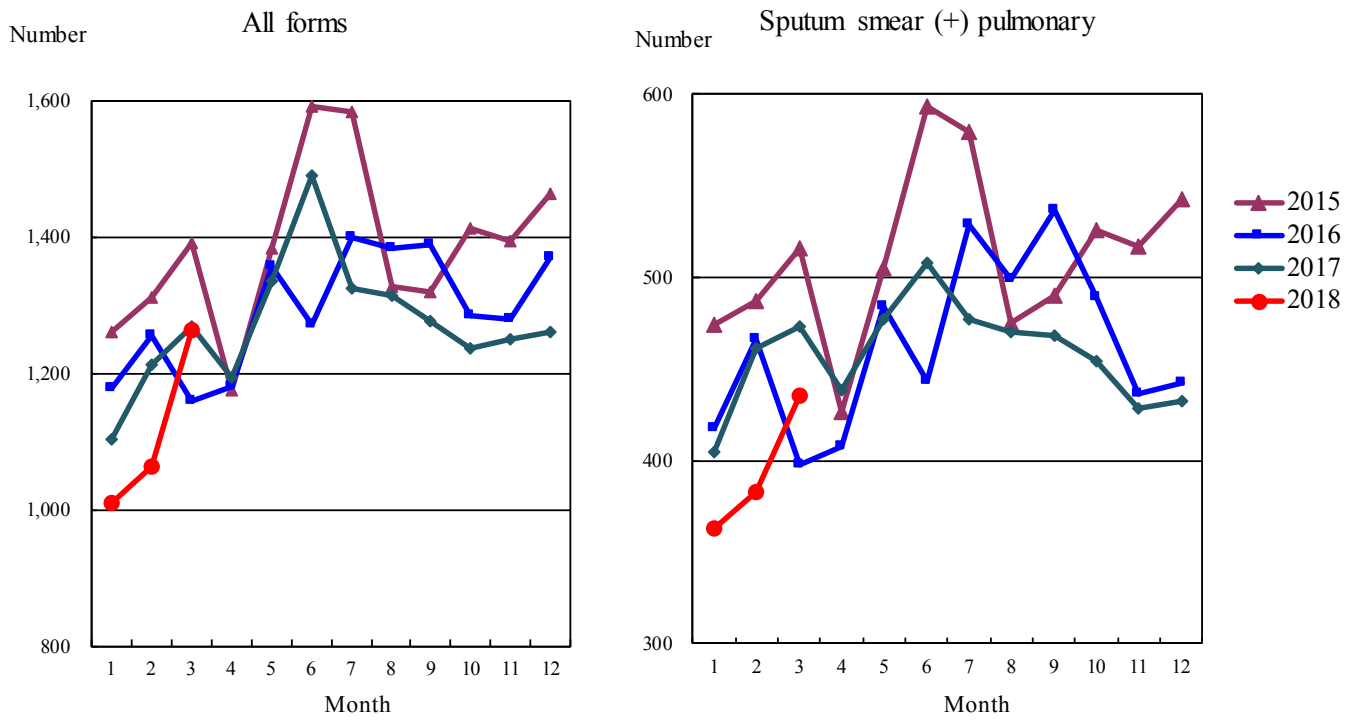


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Mar.) 2018

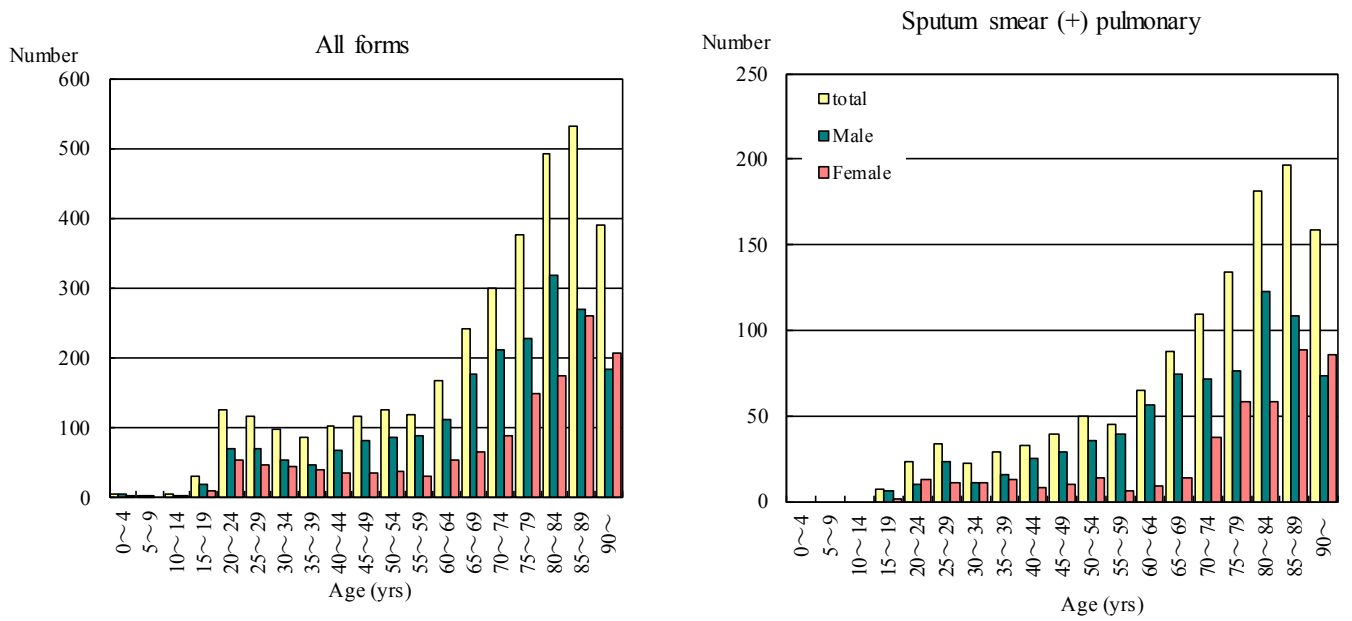


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Mar.) 2018

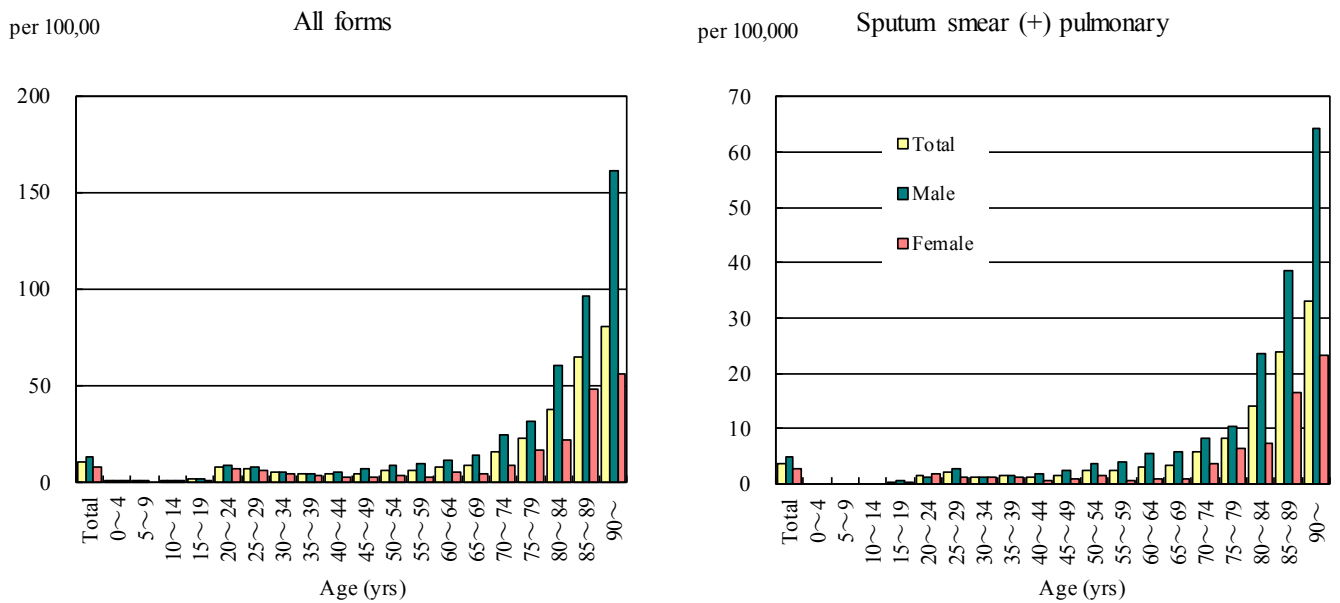


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Mar.) 2018

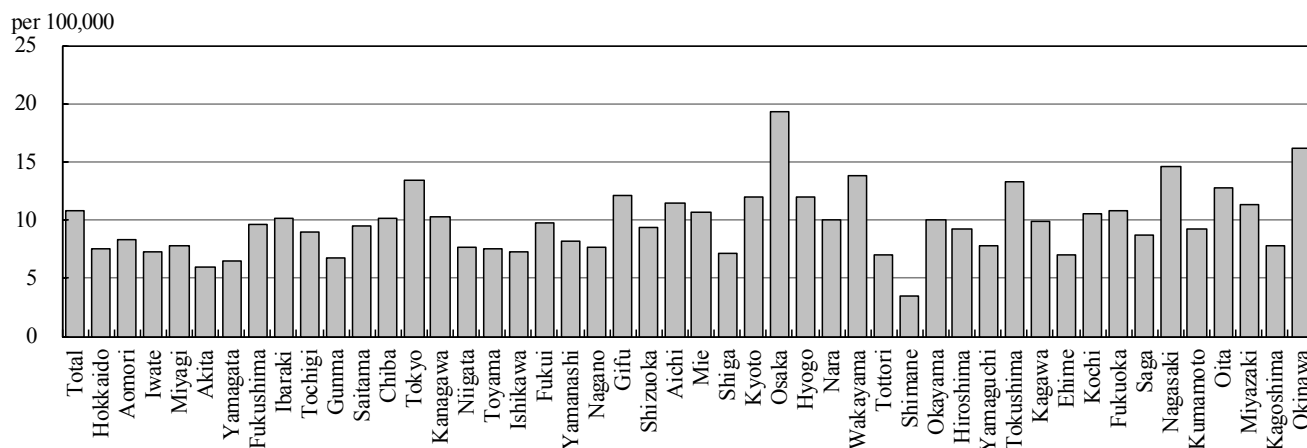


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Mar.) 2018

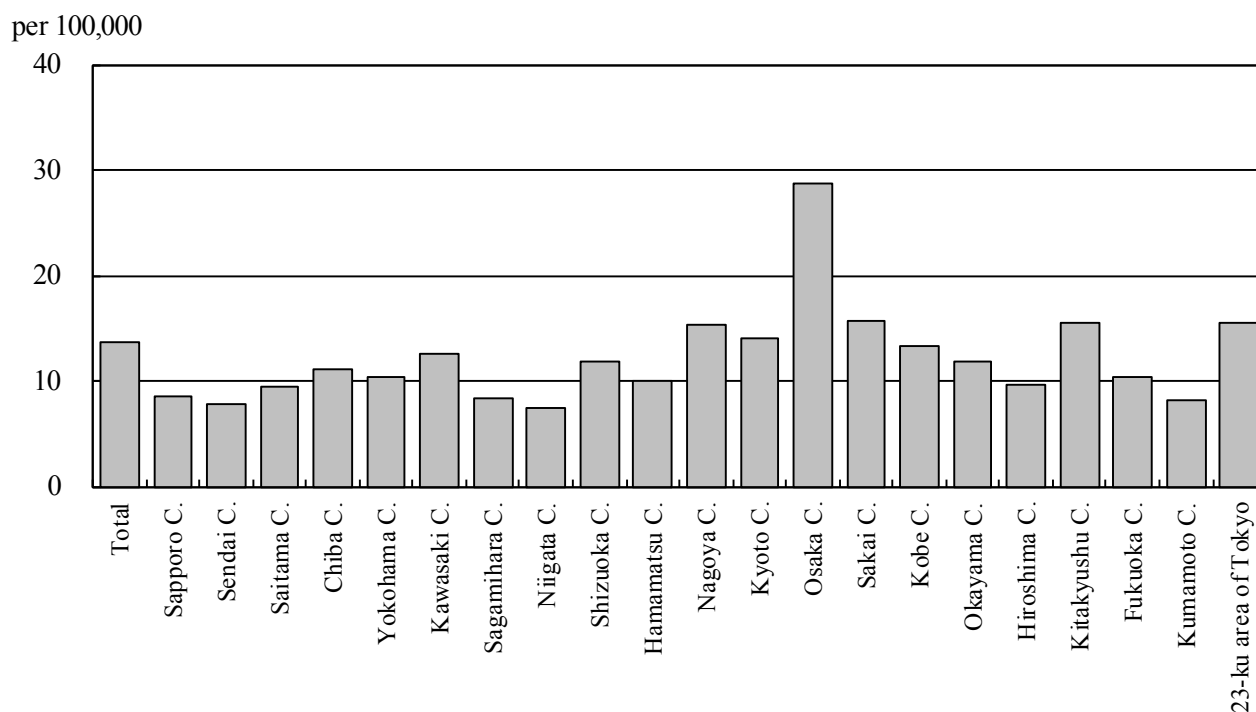


Figure 6. Number of LTBI, Japan, 2015-2018

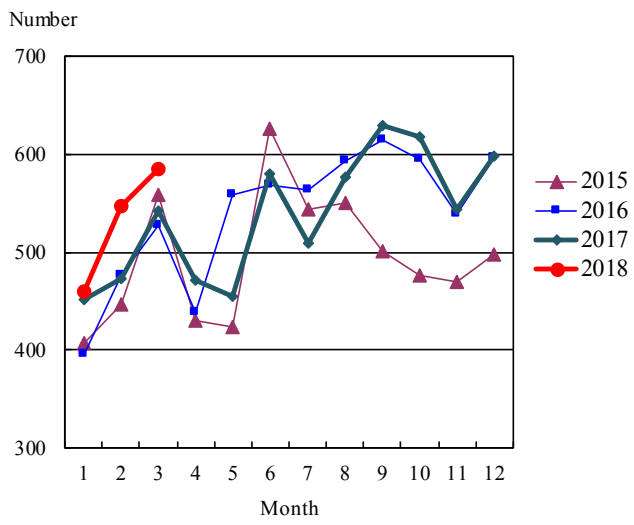


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Mar.) 2018

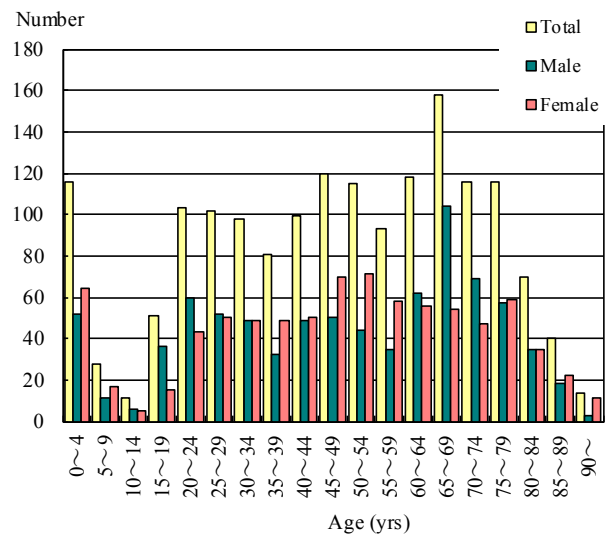


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2018

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,263	766	497	3,433	2,095	1,338	10.8	13.6	8.2
0~4	0	0	0	6	5	1	0.5	0.8	0.2
5~9	0	0	0	2	2	0	0.2	0.3	0.0
10~14	2	2	0	5	4	1	0.4	0.6	0.1
15~19	12	7	5	30	19	11	2.0	2.4	1.5
20~24	44	25	19	125	70	55	8.1	8.9	7.4
25~29	62	36	26	117	70	47	7.3	8.6	6.0
30~34	34	19	15	98	54	44	5.4	5.9	4.9
35~39	35	21	14	86	47	39	4.2	4.6	3.9
40~44	44	32	12	103	67	36	4.2	5.4	3.0
45~49	38	24	14	117	81	36	5.0	6.9	3.1
50~54	43	27	16	125	87	38	6.3	8.8	3.9
55~59	54	41	13	120	89	31	6.4	9.5	3.3
60~64	66	43	23	167	113	54	8.2	11.2	5.2
65~69	80	58	22	241	176	65	9.4	14.2	4.9
70~74	99	60	39	301	212	89	16.3	24.6	9.0
75~79	131	89	42	377	228	149	23.1	31.4	16.5
80~84	184	116	68	492	318	174	38.0	60.7	22.6
85~89	194	96	98	531	270	261	64.9	96.4	48.5
90~	141	70	71	390	183	207	80.9	161.2	56.2

Temporary registrants = 0, Total of registrants and temporary registrants = 1,263

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

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	435	281	154	1,215	777	438	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	7	6	1	0.5	0.8	0.1
20~24	8	2	6	23	10	13	1.5	1.3	1.7
25~29	15	13	2	34	23	11	2.1	2.8	1.4
30~34	9	4	5	22	11	11	1.2	1.2	1.2
35~39	10	8	2	29	16	13	1.4	1.6	1.3
40~44	19	17	2	33	25	8	1.4	2.0	0.7
45~49	14	8	6	39	29	10	1.7	2.5	0.9
50~54	12	8	4	50	36	14	2.5	3.6	1.4
55~59	22	19	3	45	39	6	2.4	4.1	0.6
60~64	25	20	5	65	56	9	3.2	5.6	0.9
65~69	24	21	3	88	74	14	3.4	6.0	1.1
70~74	36	21	15	109	72	37	5.9	8.3	3.7
75~79	40	26	14	134	76	58	8.2	10.5	6.4
80~84	64	43	21	181	123	58	14.0	23.5	7.5
85~89	68	38	30	197	108	89	24.1	38.6	16.5
90~	65	30	35	159	73	86	33.0	64.3	23.4

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

Population: as of 1st Oct. 2016

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

	Mar.		Summation (Jan.-Mar.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	1,263	435	3,433	1,215	10.8	3.8
Hokkaido	43	15	100	31	7.5	2.3
Aomori	9	5	27	10	8.3	3.1
Iwate	3	0	23	3	7.3	0.9
Miyagi	21	5	45	13	7.7	2.2
Akita	4	2	15	7	5.9	2.8
Yamagata	6	2	18	4	6.5	1.4
Fukushima	14	3	46	15	9.7	3.2
Ibaraki	21	8	74	28	10.2	3.9
Tochigi	16	2	44	7	9.0	1.4
Gunma	17	6	33	11	6.7	2.2
Saitama	66	27	174	67	9.5	3.7
Chiba	60	22	159	52	10.2	3.3
Tokyo	173	53	455	169	13.4	5.0
Kanagawa	66	21	235	90	10.3	3.9
Niigata	17	7	44	18	7.7	3.1
Toyama	5	1	20	3	7.5	1.1
Ishikawa	7	1	21	5	7.3	1.7
Fukui	7	2	19	9	9.7	4.6
Yamanashi	8	2	17	5	8.2	2.4
Nagano	22	7	40	14	7.7	2.7
Gifu	23	11	61	24	12.1	4.7
Shizuoka	34	5	86	23	9.3	2.5
Aichi	66	24	214	71	11.4	3.8
Mie	20	9	48	22	10.6	4.9
Shiga	8	2	25	5	7.1	1.4
Kyoto	22	7	78	26	12.0	4.0
Osaka	168	67	427	171	19.3	7.7
Hyogo	69	27	165	63	12.0	4.6
Nara	17	8	34	16	10.0	4.7
Wakayama	12	2	33	11	13.8	4.6
Tottori	4	2	10	4	7.0	2.8
Shimane	0	0	6	4	3.5	2.3
Okayama	19	9	48	17	10.0	3.6
Hiroshima	20	9	65	27	9.2	3.8
Yamaguchi	8	2	27	6	7.7	1.7
Tokushima	12	4	25	7	13.3	3.7
Kagawa	9	1	24	3	9.9	1.2
Ehime	6	3	24	10	7.0	2.9
Kochi	7	1	19	6	10.5	3.3
Fukuoka	60	23	138	49	10.8	3.8
Saga	5	1	18	7	8.7	3.4
Nagasaki	18	7	50	15	14.6	4.4
Kumamoto	15	2	41	10	9.2	2.3
Oita	16	4	37	16	12.8	5.5
Miyazaki	10	3	31	14	11.3	5.1
Kagoshima	14	4	32	10	7.8	2.4
Okinawa	16	7	58	17	16.1	4.7

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

	Mar.		Summation (Jan.-Mar.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	455	167	1,256	453	13.6	4.9
Sapporo City	14	3	42	9	8.6	1.8
Sendai City	8	2	21	7	7.7	2.6
Saitama City	15	6	30	10	9.4	3.1
Chiba City	13	7	27	9	11.1	3.7
Yokohama City	26	9	97	31	10.4	3.3
Kawasaki City	14	3	47	18	12.6	4.8
Sagamihara City	2	1	15	9	8.3	5.0
Niigata City	6	1	15	4	7.4	2.0
Shizuoka City	7	2	21	6	11.8	3.4
Hamamatsu City	9	1	20	6	10.0	3.0
Nagoya City	24	11	88	38	15.3	6.6
Kyoto City	18	7	52	17	14.1	4.6
Osaka City	76	36	194	82	28.7	12.1
Sakai City	11	4	33	11	15.8	5.3
Kobe City	20	9	51	15	13.3	3.9
Okayama City	7	3	21	6	11.9	3.4
Hiroshima City	8	4	29	10	9.7	3.3
Kitakyushu City	18	5	37	14	15.5	5.9
Fukuoka City	17	9	40	16	10.3	4.1
Kumamoto City	7	0	15	4	8.1	2.2
23-ku area of Tokyo	135	44	361	131	15.4	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

	Mar.			Summation (Jan.-Mar.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	584	278	306	1,649	824	825	0.5	0.4	0.6
0~4	24	11	13	116	52	64	19.3	10.4	64.0
5~9	15	4	11	28	11	17	14.0	5.5	-
10~14	5	2	3	11	6	5	2.2	1.5	5.0
15~19	22	12	10	51	36	15	1.7	1.9	1.4
20~24	36	19	17	103	60	43	0.8	0.9	0.8
25~29	34	12	22	102	52	50	0.9	0.7	1.1
30~34	40	20	20	98	49	49	1.0	0.9	1.1
35~39	36	14	22	81	32	49	0.9	0.7	1.3
40~44	35	20	15	99	49	50	1.0	0.7	1.4
45~49	51	21	30	120	50	70	1.0	0.6	1.9
50~54	38	10	28	115	44	71	0.9	0.5	1.9
55~59	32	11	21	93	35	58	0.8	0.4	1.9
60~64	44	24	20	118	62	56	0.7	0.5	1.0
65~69	63	42	21	158	104	54	0.7	0.6	0.8
70~74	36	21	15	116	69	47	0.4	0.3	0.5
75~79	43	21	22	116	57	59	0.3	0.3	0.4
80~84	15	7	8	70	35	35	0.1	0.1	0.2
85~89	12	6	6	40	18	22	0.1	0.1	0.1
90~	3	1	2	14	3	11	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

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	584	1,649	0.48
Hokkaido	12	41	0.41
Aomori	5	8	0.30
Iwate	6	19	0.83
Miyagi	9	34	0.76
Akita	7	12	0.80
Yamagata	2	2	0.11
Fukushima	2	9	0.20
Ibaraki	7	29	0.39
Tochigi	2	10	0.23
Gunma	7	14	0.42
Saitama	37	101	0.58
Chiba	29	89	0.56
Tokyo	101	251	0.55
Kanagawa	33	116	0.49
Niigata	6	30	0.68
Toyama	6	22	1.10
Ishikawa	0	8	0.38
Fukui	6	8	0.42
Yamanashi	2	4	0.24
Nagano	10	18	0.45
Gifu	1	12	0.20
Shizuoka	10	25	0.29
Aichi	24	91	0.43
Mie	9	15	0.31
Shiga	3	15	0.60
Kyoto	25	68	0.87
Osaka	67	201	0.47
Hyogo	34	61	0.37
Nara	7	14	0.41
Wakayama	4	13	0.39
Tottori	0	5	0.50
Shimane	0	2	0.33
Okayama	13	30	0.63
Hiroshima	14	40	0.62
Yamaguchi	4	7	0.26
Tokushima	2	7	0.28
Kagawa	2	7	0.29
Ehime	2	10	0.42
Kochi	2	3	0.16
Fukuoka	26	81	0.59
Saga	1	6	0.33
Nagasaki	6	12	0.24
Kumamoto	11	14	0.34
Oita	5	16	0.43
Miyazaki	4	14	0.45
Kagoshima	6	19	0.59
Okinawa	13	36	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

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	221	593	0.47
Sapporo City	3	14	0.33
Sendai City	5	22	1.05
Saitama City	3	10	0.33
Chiba City	5	17	0.63
Yokohama City	12	38	0.39
Kawasaki City	9	29	0.62
Sagamihara City	0	1	0.07
Niigata City	3	13	0.87
Shizuoka City	2	2	0.10
Hamamatsu City	4	8	0.40
Nagoya City	11	29	0.33
Kyoto City	11	29	0.56
Osaka City	22	81	0.42
Sakai City	4	11	0.33
Kobe City	18	26	0.51
Okayama City	2	14	0.67
Hiroshima City	4	7	0.24
Kitakyushu City	5	8	0.22
Fukuoka City	9	30	0.75
Kumamoto City	2	4	0.27
23-ku area of Tokyo	87	200	0.55

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