



Monthly Report of Tuberculosis Surveillance, Japan - March, 2021

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, 2018-2021

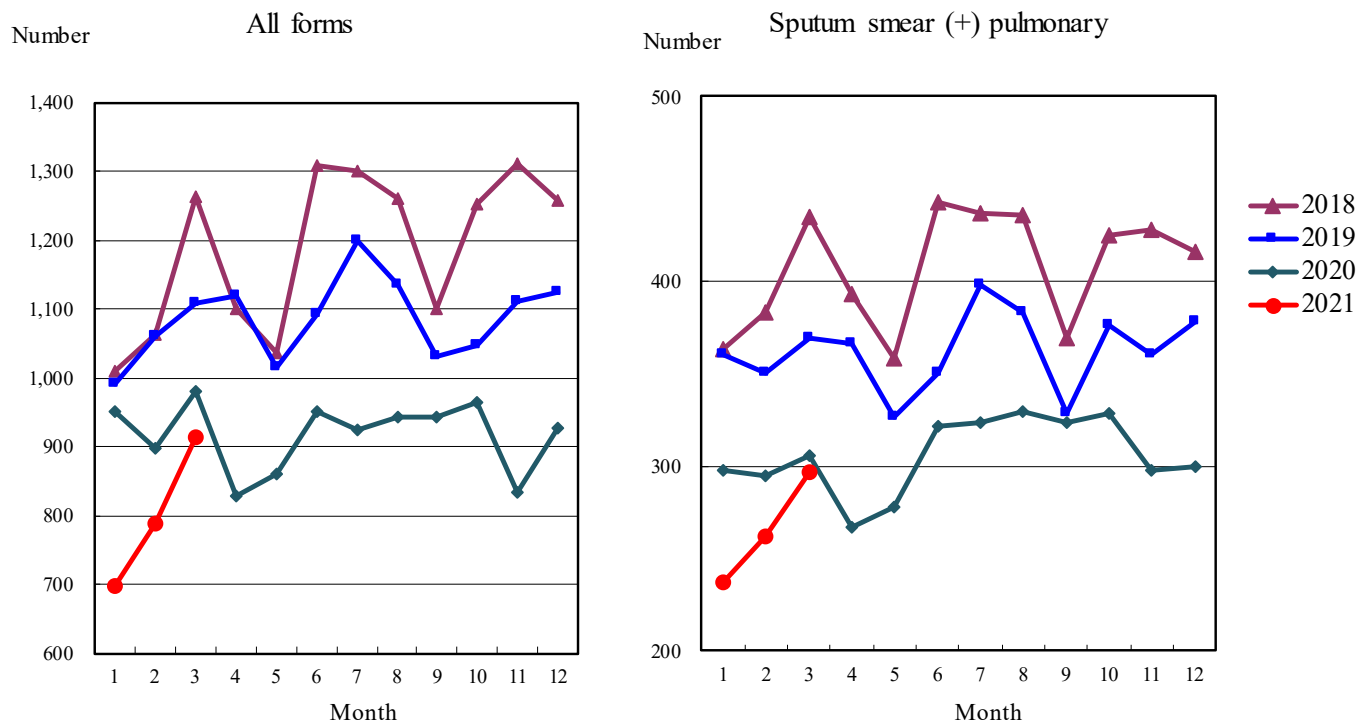


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Mar.) 2021

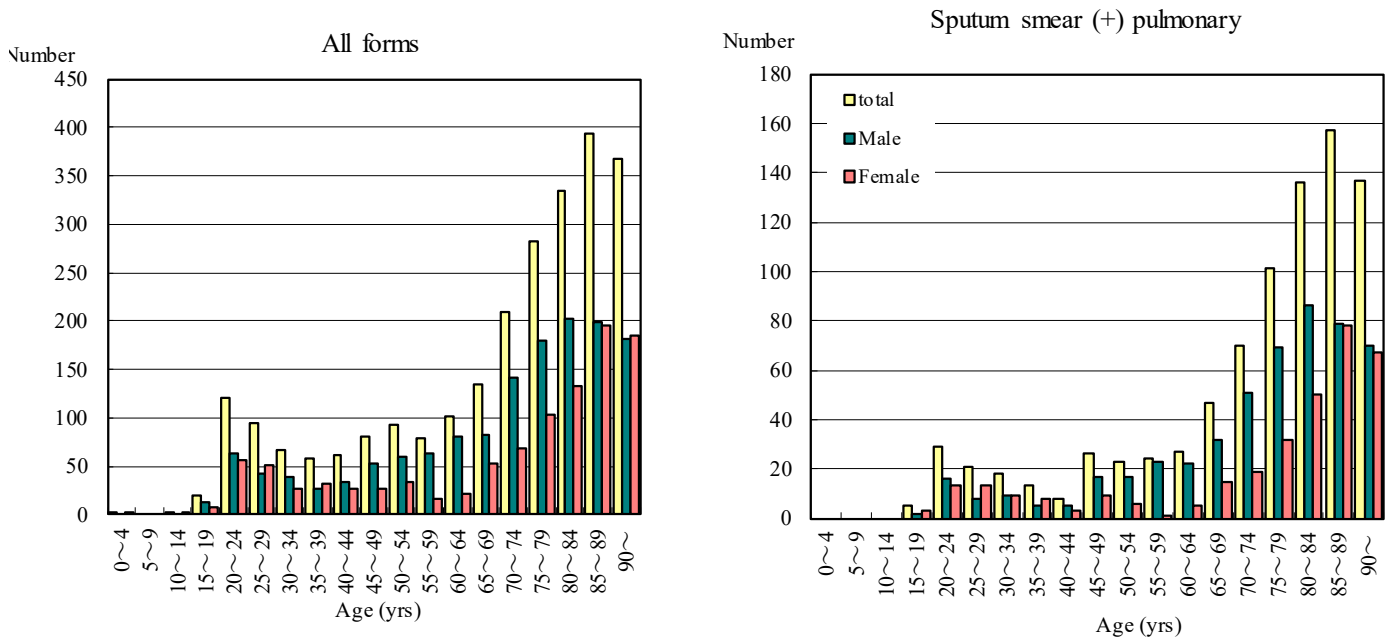


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Mar.) 2021

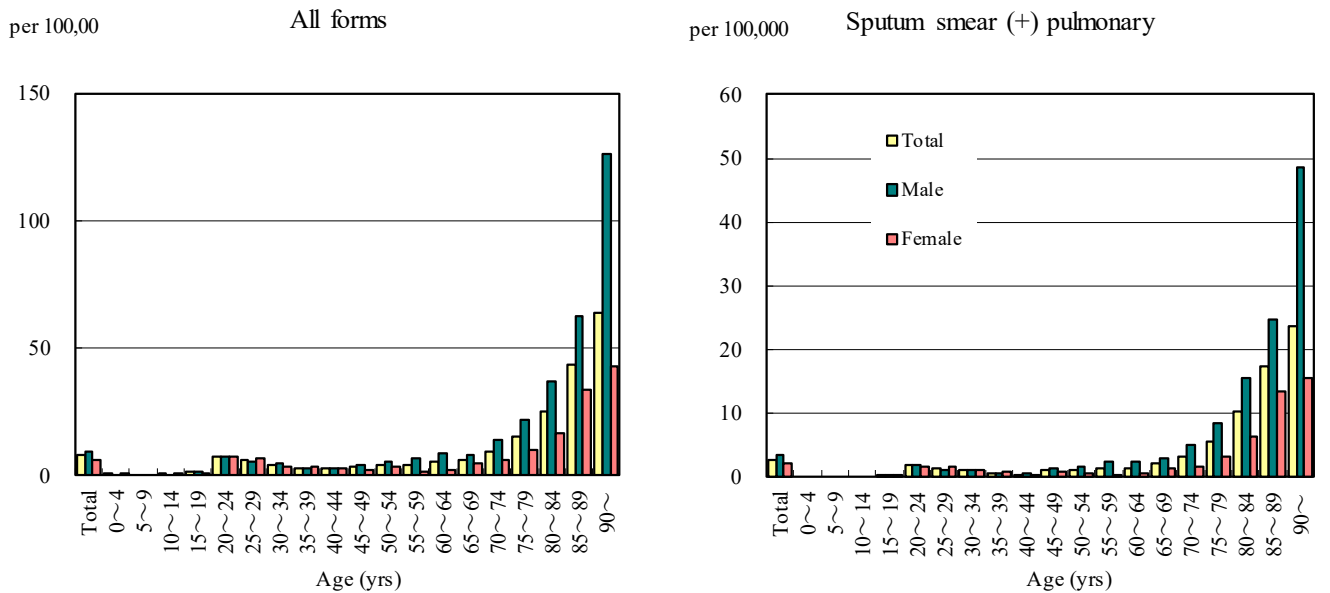


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Mar.) 2021

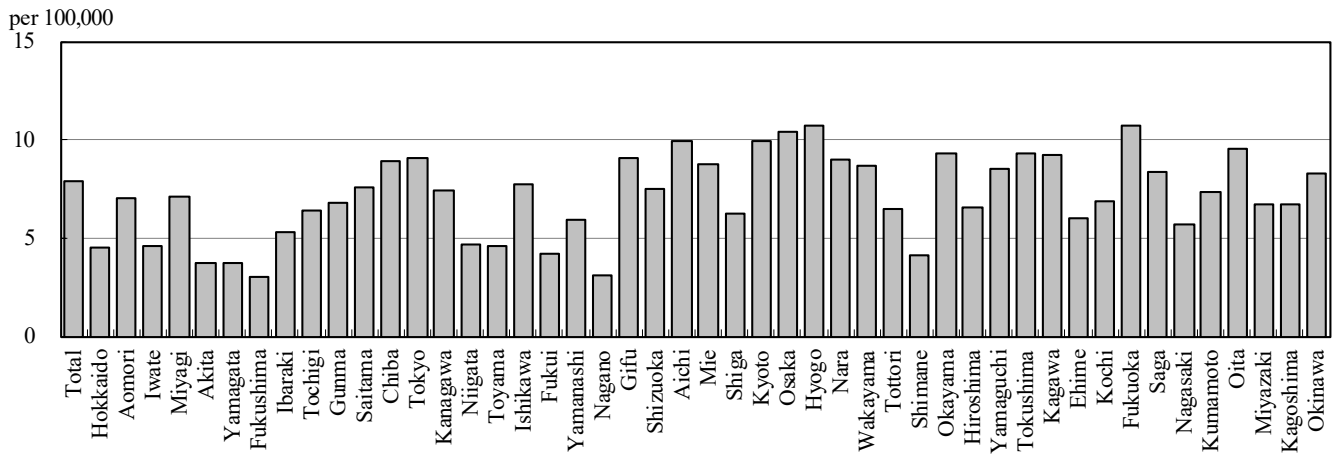


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Mar.) 2021

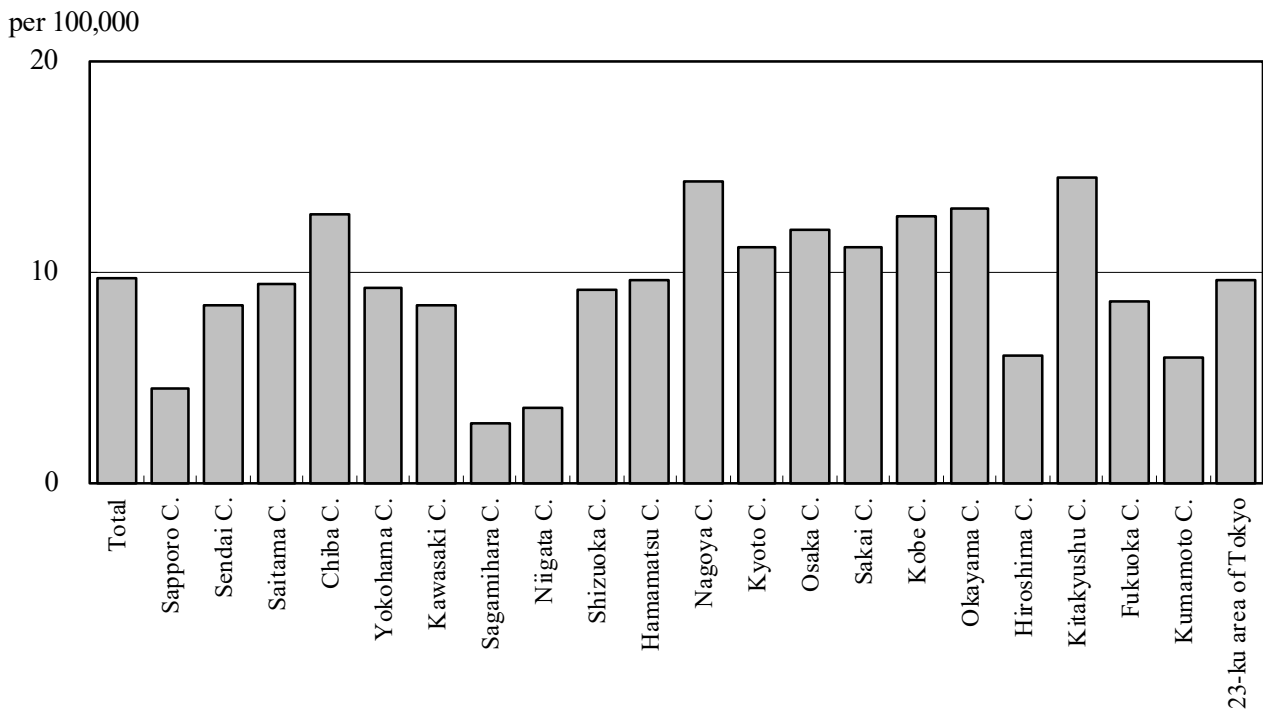


Figure 6. Number of LTBI, Japan, 2018-2021

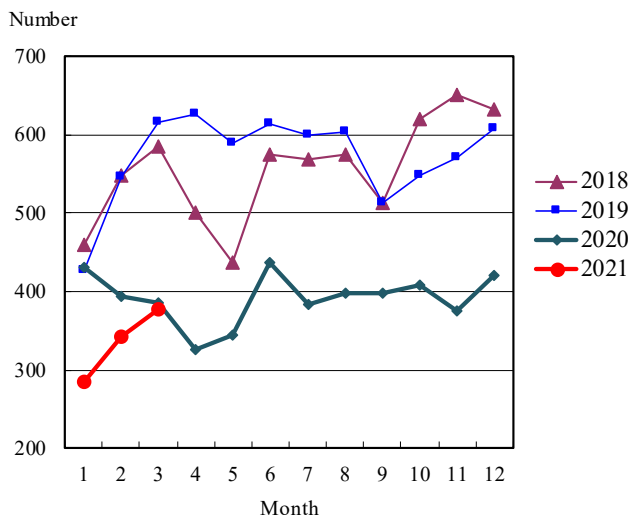


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Mar.) 2021

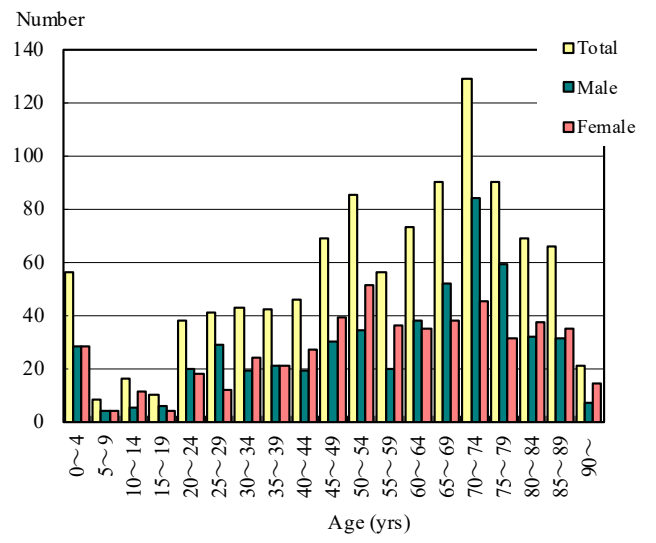


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	913	510	403	2,495	1,457	1,038	7.9	9.5	6.4
0~4	0	0	0	1	0	1	0.1	0.0	0.2
5~9	0	0	0	0	0	0	0.0	0.0	0.0
10~14	0	0	0	1	0	1	0.1	0.0	0.2
15~19	3	1	2	20	12	8	1.4	1.6	1.1
20~24	50	24	26	120	63	57	7.5	7.6	7.4
25~29	49	19	30	94	43	51	6.0	5.3	6.7
30~34	21	13	8	66	39	27	3.9	4.5	3.3
35~39	21	10	11	58	26	32	3.1	2.7	3.4
40~44	22	13	9	61	34	27	2.8	3.1	2.5
45~49	33	18	15	80	53	27	3.3	4.3	2.2
50~54	29	20	9	93	59	34	4.3	5.5	3.2
55~59	21	17	4	79	63	16	4.1	6.5	1.7
60~64	35	28	7	102	81	21	5.4	8.7	2.2
65~69	45	26	19	135	82	53	6.2	7.8	4.7
70~74	83	56	27	209	141	68	9.6	13.8	5.9
75~79	98	62	36	282	179	103	15.6	22.1	10.3
80~84	132	74	58	334	202	132	25.1	36.8	16.9
85~89	134	63	71	393	198	195	43.5	62.2	33.4
90~	137	66	71	367	182	185	63.6	126.0	42.7

Temporary registrants = 74, Total of registrants and temporary registrants = 987

Rate: summation / (population*3/12)*100,000

Population: as of 1st Oct. 2019

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2021

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	297	179	118	842	511	331	2.7	3.3	2.0
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	0	0	0	0.0	0.0	0.0
15~19	1	0	1	5	2	3	0.3	0.3	0.4
20~24	13	8	5	29	16	13	1.8	1.9	1.7
25~29	11	5	6	21	8	13	1.3	1.0	1.7
30~34	6	2	4	18	9	9	1.1	1.0	1.1
35~39	5	3	2	13	5	8	0.7	0.5	0.9
40~44	4	3	1	8	5	3	0.4	0.5	0.3
45~49	8	4	4	26	17	9	1.1	1.4	0.7
50~54	7	6	1	23	17	6	1.1	1.6	0.6
55~59	6	6	0	24	23	1	1.2	2.4	0.1
60~64	6	5	1	27	22	5	1.4	2.4	0.5
65~69	19	12	7	47	32	15	2.2	3.0	1.3
70~74	25	18	7	70	51	19	3.2	5.0	1.7
75~79	34	25	9	101	69	32	5.6	8.5	3.2
80~84	51	29	22	136	86	50	10.2	15.6	6.4
85~89	54	27	27	157	79	78	17.4	24.8	13.3
90~	47	26	21	137	70	67	23.7	48.5	15.5

Rate: summation / (population*3/12)*100,000

Population: as of 1st Oct. 2019

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2021

	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	913	297	2,495	842	7.9	2.7
Hokkaido	18	6	59	27	4.5	2.1
Aomori	4	1	22	9	7.1	2.9
Iwate	1	1	14	6	4.6	2.0
Miyagi	19	6	41	15	7.1	2.6
Akita	3	1	9	5	3.7	2.1
Yamagata	1	0	10	4	3.7	1.5
Fukushima	3	1	14	9	3.0	2.0
Ibaraki	13	0	38	6	5.3	0.8
Tochigi	14	6	31	11	6.4	2.3
Gunma	15	5	33	10	6.8	2.1
Saitama	64	23	139	50	7.6	2.7
Chiba	42	9	139	30	8.9	1.9
Tokyo	109	46	317	128	9.1	3.7
Kanagawa	71	20	170	51	7.4	2.2
Niigata	7	3	26	8	4.7	1.4
Toyama	5	1	12	4	4.6	1.5
Ishikawa	8	0	22	7	7.7	2.5
Fukui	3	1	8	2	4.2	1.0
Yamanashi	3	1	12	2	5.9	1.0
Nagano	6	3	16	8	3.1	1.6
Gifu	16	8	45	14	9.1	2.8
Shizuoka	25	8	68	22	7.5	2.4
Aichi	67	22	187	63	9.9	3.3
Mie	14	4	39	12	8.8	2.7
Shiga	4	2	22	8	6.2	2.3
Kyoto	24	5	64	22	9.9	3.4
Osaka	71	26	229	76	10.4	3.5
Hyogo	70	23	146	53	10.7	3.9
Nara	7	3	30	12	9.0	3.6
Wakayama	6	1	20	8	8.6	3.5
Tottori	5	0	9	1	6.5	0.7
Shimane	4	2	7	3	4.2	1.8
Okayama	14	1	44	9	9.3	1.9
Hiroshima	19	9	46	20	6.6	2.9
Yamaguchi	10	2	29	4	8.5	1.2
Tokushima	5	1	17	7	9.3	3.8
Kagawa	11	3	22	8	9.2	3.3
Ehime	7	2	20	8	6.0	2.4
Kochi	6	0	12	3	6.9	1.7
Fukuoka	50	18	137	46	10.7	3.6
Saga	6	1	17	5	8.3	2.5
Nagasaki	6	2	19	6	5.7	1.8
Kumamoto	18	8	32	10	7.3	2.3
Oita	13	7	27	10	9.5	3.5
Miyazaki	4	0	18	6	6.7	2.2
Kagoshima	13	3	27	8	6.7	2.0
Okinawa	9	2	30	6	8.3	1.7

Rate: summation / (population*3/12)*100,000

Population: as of 1st Oct. 2019

Table 4. Newly notified TB cases and rates by major city, Japan, 2021

	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	330	106	900	301	9.6	3.2
Sapporo City	8	5	22	12	4.5	2.4
Sendai City	10	2	23	6	8.4	2.2
Saitama City	13	5	31	11	9.4	3.4
Chiba City	16	2	31	5	12.7	2.0
Yokohama City	41	10	86	22	9.2	2.3
Kawasaki City	10	4	32	10	8.4	2.6
Sagamihara City	3	0	5	2	2.8	1.1
Niigata City	1	0	7	3	3.5	1.5
Shizuoka City	7	1	16	4	9.2	2.3
Hamamatsu City	6	1	19	2	9.6	1.0
Nagoya City	26	9	83	30	14.3	5.2
Kyoto City	18	3	41	11	11.2	3.0
Osaka City	16	4	82	25	12.0	3.6
Sakai City	11	4	23	10	11.1	4.8
Kobe City	25	11	48	23	12.6	6.0
Okayama City	9	0	23	1	13.0	0.6
Hiroshima City	7	5	18	11	6.0	3.7
Kitakyushu City	12	3	34	8	14.5	3.4
Fukuoka City	8	4	34	14	8.5	3.5
Kumamoto City	5	2	11	2	6.0	1.1
23-ku area of Tokyo	78	31	231	89	9.6	3.7

Rate: summation / (population*3/12)*100,000

Population: as of 1st Oct. 2019

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, 2021

	Mar.			Summation (Jan.-Mar.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	377	199	178	1,048	538	510	0.4	0.4	0.5
0~4	13	7	6	56	28	28	56.0	-	28.0
5~9	2	1	1	8	4	4	-	-	-
10~14	9	2	7	16	5	11	16.0	-	11.0
15~19	5	2	3	10	6	4	0.5	0.5	0.5
20~24	12	5	7	38	20	18	0.3	0.3	0.3
25~29	13	9	4	41	29	12	0.4	0.7	0.2
30~34	22	11	11	43	19	24	0.7	0.5	0.9
35~39	16	8	8	42	21	21	0.7	0.8	0.7
40~44	21	8	13	46	19	27	0.8	0.6	1.0
45~49	21	10	11	69	30	39	0.9	0.6	1.4
50~54	36	16	20	85	34	51	0.9	0.6	1.5
55~59	18	5	13	56	20	36	0.7	0.3	2.3
60~64	26	14	12	73	38	35	0.7	0.5	1.7
65~69	35	20	15	90	52	38	0.7	0.6	0.7
70~74	48	36	12	129	84	45	0.6	0.6	0.7
75~79	29	19	10	90	59	31	0.3	0.3	0.3
80~84	26	11	15	69	32	37	0.2	0.2	0.3
85~89	19	12	7	66	31	35	0.2	0.2	0.2
90~	6	3	3	21	7	14	0.1	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, 2021

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	377	1,048	0.42
Hokkaido	17	41	0.69
Aomori	7	15	0.68
Iwate	6	23	1.64
Miyagi	3	9	0.22
Akita	2	3	0.33
Yamagata	4	7	0.70
Fukushima	7	11	0.79
Ibaraki	16	36	0.95
Tochigi	3	5	0.16
Gunma	6	22	0.67
Saitama	17	46	0.33
Chiba	16	57	0.41
Tokyo	56	159	0.50
Kanagawa	17	68	0.40
Niigata	5	12	0.46
Toyama	3	12	1.00
Ishikawa	7	11	0.50
Fukui	2	2	0.25
Yamanashi	3	8	0.67
Nagano	3	14	0.88
Gifu	5	12	0.27
Shizuoka	6	21	0.31
Aichi	26	74	0.40
Mie	3	9	0.23
Shiga	3	9	0.41
Kyoto	12	22	0.34
Osaka	21	73	0.32
Hyogo	16	37	0.25
Nara	6	11	0.37
Wakayama	4	13	0.65
Tottori	1	1	0.11
Shimane	0	1	0.14
Okayama	7	12	0.27
Hiroshima	14	29	0.63
Yamaguchi	2	9	0.31
Tokushima	1	8	0.47
Kagawa	1	4	0.18
Ehime	2	8	0.40
Kochi	0	2	0.17
Fukuoka	17	54	0.39
Saga	0	4	0.24
Nagasaki	1	6	0.32
Kumamoto	3	5	0.16
Oita	6	14	0.52
Miyazaki	5	6	0.33
Kagoshima	5	17	0.63
Okinawa	10	26	0.87

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, 2021

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	132	365	0.41
Sapporo City	7	21	0.95
Sendai City	0	2	0.09
Saitama City	3	9	0.29
Chiba City	2	7	0.23
Yokohama City	7	24	0.28
Kawasaki City	4	20	0.63
Sagamihara City	1	6	1.20
Niigata City	1	7	1.00
Shizuoka City	2	7	0.44
Hamamatsu City	1	6	0.32
Nagoya City	15	38	0.46
Kyoto City	10	14	0.34
Osaka City	1	19	0.23
Sakai City	9	14	0.61
Kobe City	5	8	0.17
Okayama City	5	7	0.30
Hiroshima City	3	7	0.39
Kitakyushu City	5	12	0.35
Fukuoka City	5	13	0.38
Kumamoto City	1	1	0.09
23-ku area of Tokyo	45	123	0.53

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