Monthly Report of Tuberculosis Surveillance, Japan - March, 2022

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.

Figures

Tables

Figure 1. Number of newly notified TB cases by month, Japan, 2019-2022

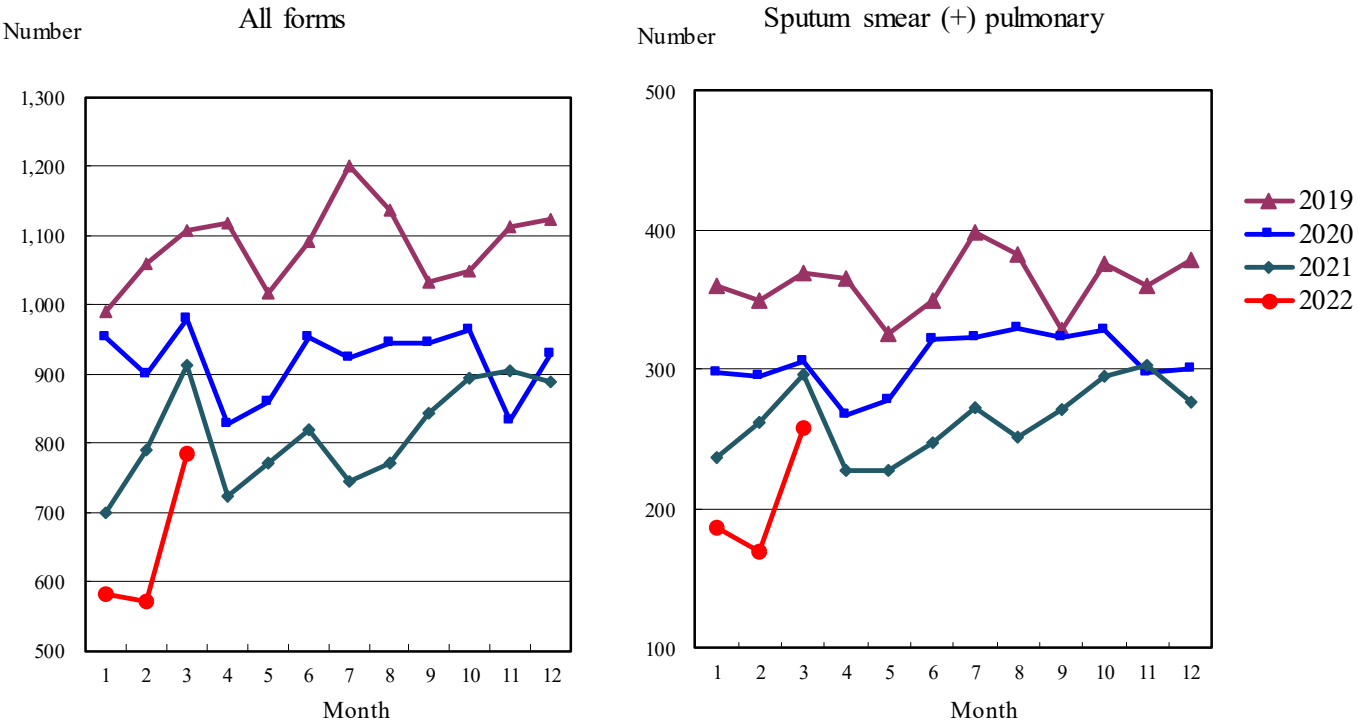

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Mar.) 2022

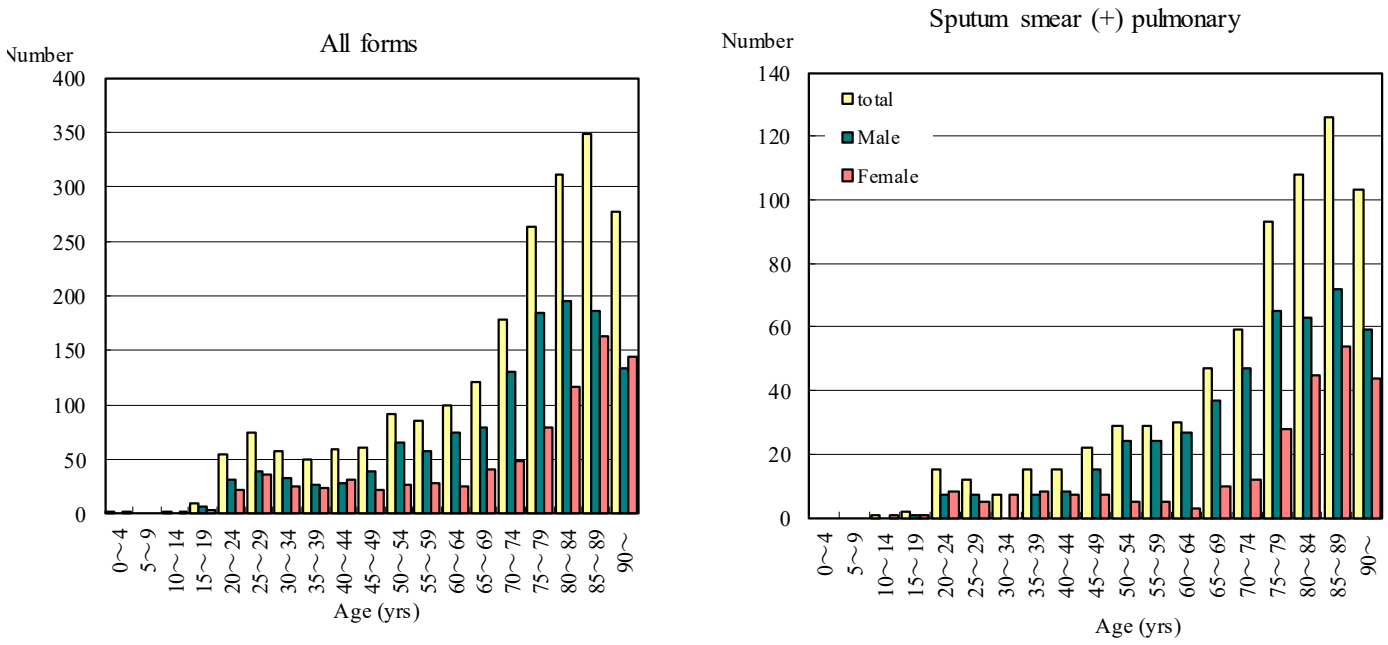

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Mar.) 2022

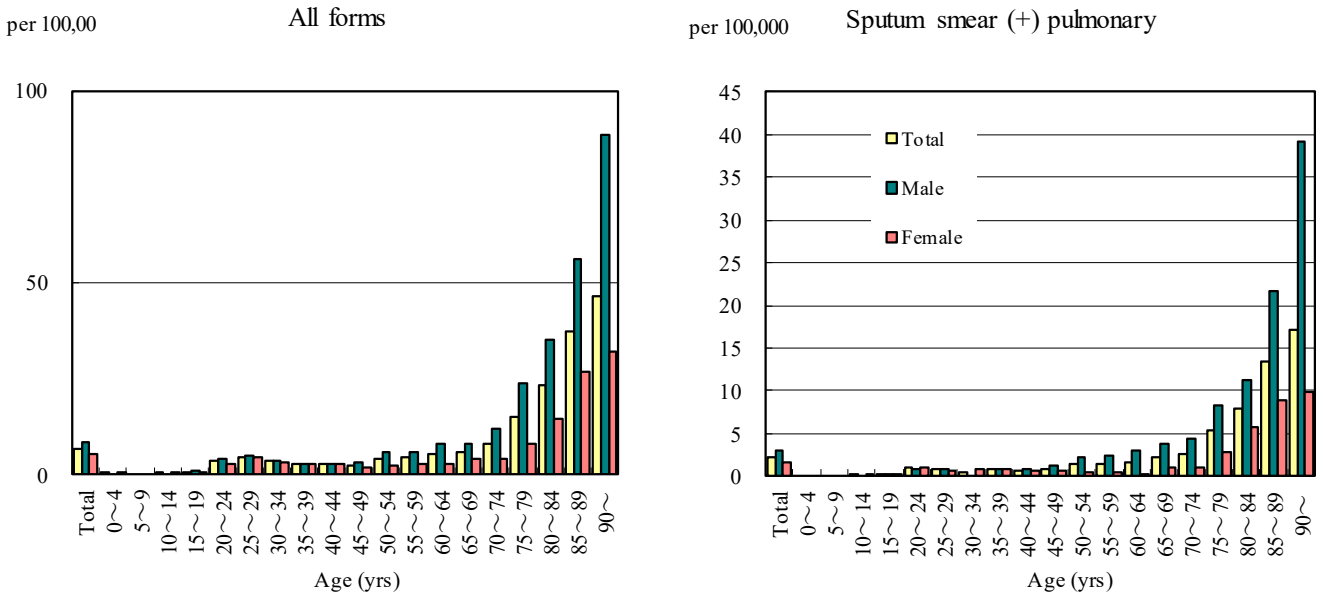

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Mar.) 2022

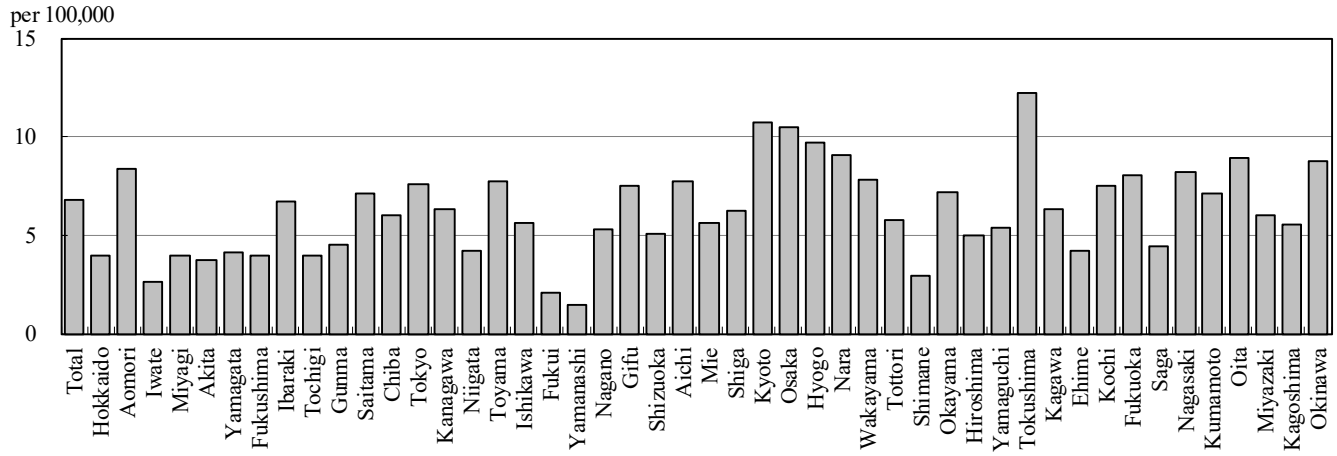

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Mar.) 2022

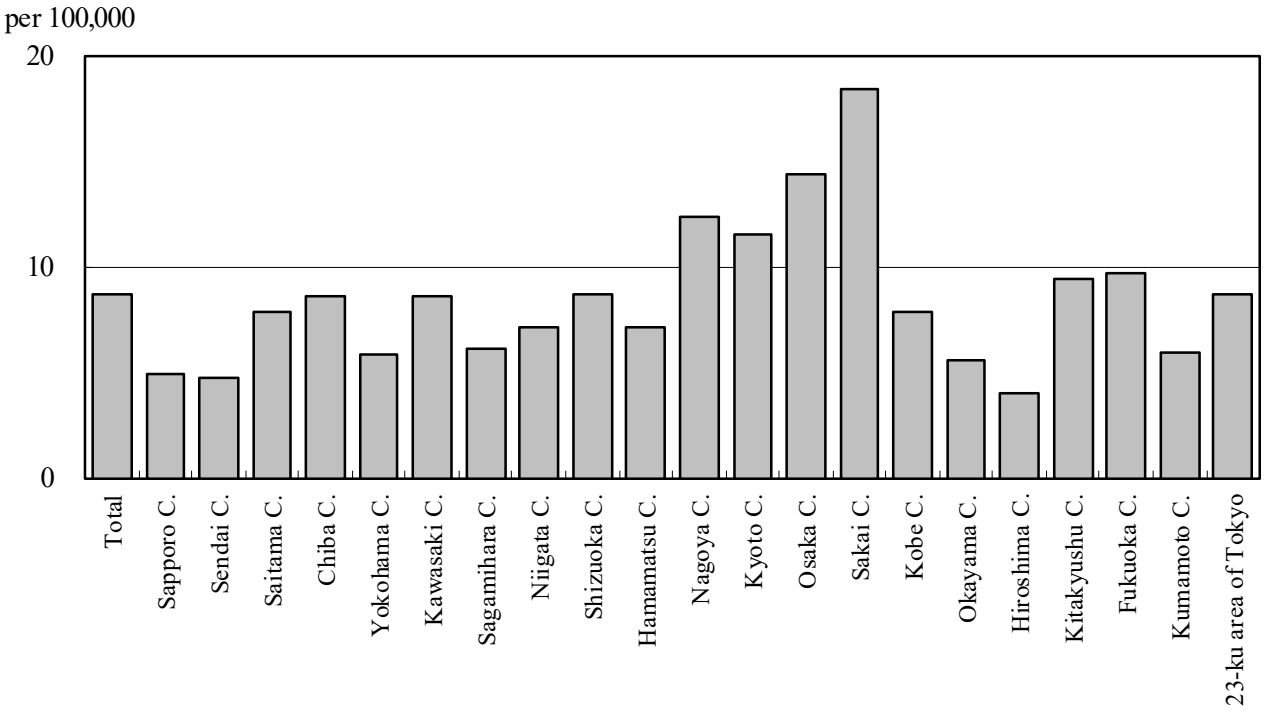

Figure 6.Number of LTBI, Japan, 2019-2022

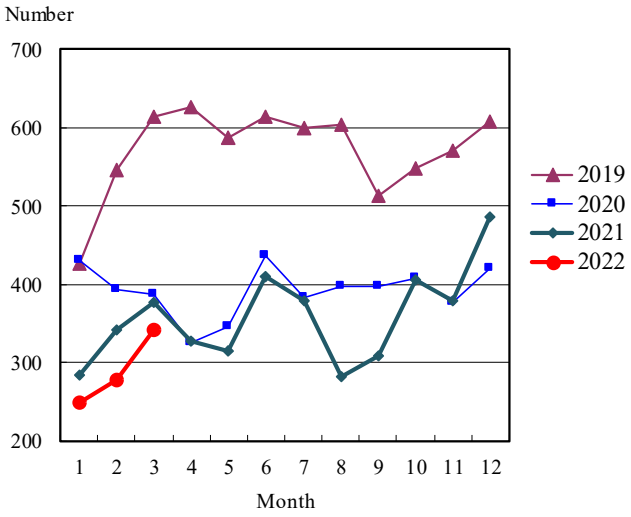

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Mar.) 2022

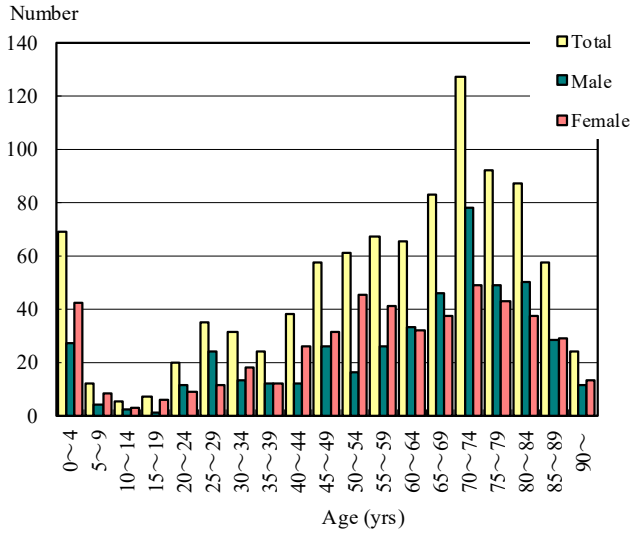

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2022

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	785	471	314	2,149	1,311	838	6.8	8.5	5.2
0～4	1	0	1	2	0	2	0.2	0.0	0.4
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	4	2	2	10	6	4	0.7	0.8	0.6
20～24	16	10	6	54	32	22	3.4	4.0	2.9
25～29	29	14	15	75	39	36	4.7	4.8	4.6
30～34	16	9	7	58	33	25	3.5	3.8	3.0
35～39	17	10	7	50	26	24	2.7	2.7	2.6
40～44	19	10	9	59	28	31	2.8	2.6	3.0
45～49	23	18	5	61	39	22	2.5	3.1	1.8
50～54	35	26	9	92	65	27	4.2	5.9	2.5
55～59	39	24	15	86	58	28	4.3	5.8	2.8
60～64	43	32	11	99	74	25	5.3	8.1	2.7
65～69	48	27	21	121	80	41	5.9	8.0	3.9
70～74	68	49	19	179	131	48	7.8	12.1	4.0
75～79	92	67	25	264	185	79	14.9	23.5	8.1
80～84	111	72	39	312	196	116	23.1	35.1	14.6
85～89	124	63	61	349	186	163	37.3	56.2	27.0
90～	100	38	62	277	133	144	46.3	88.3	32.2

Temporary registrants = 72, Total of registrants and temporary registrants = 857

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

Population: as of 1st Oct. 2020

Table 2. Newly notified sputum smear positive pulmonary TB cases ans rates by sex and age, Japan, 2022

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	258	161	97	713	463	250	2.3	3.0	1.5
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	1	0	1	0.1	0.0	0.2
15～19	1	0	1	2	1	1	0.1	0.1	0.1
20～24	7	3	4	15	7	8	0.9	0.9	1.0
25～29	4	2	2	12	7	5	0.8	0.9	0.6
30～34	3	0	3	7	0	7	0.4	0.0	0.9
35～39	2	1	1	15	7	8	0.8	0.7	0.9
40～44	5	3	2	15	8	7	0.7	0.7	0.7
45～49	8	6	2	22	15	7	0.9	1.2	0.6
50～54	10	10	0	29	24	5	1.3	2.2	0.5
55～59	14	9	5	29	24	5	1.5	2.4	0.5
60～64	13	11	2	30	27	3	1.6	2.9	0.3
65～69	17	13	4	47	37	10	2.3	3.7	0.9
70～74	26	22	4	59	47	12	2.6	4.3	1.0
75～79	32	22	10	93	65	28	5.3	8.3	2.9
80～84	35	20	15	108	63	45	8.0	11.3	5.7
85～89	40	21	19	126	72	54	13.5	21.7	8.9
90～	41	18	23	103	59	44	17.2	39.2	9.8

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

Population: as of 1st Oct. 2020

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2022

	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	785	258	2,149	713	6.8	2.3
Hokkaido	20	6	52	20	4.0	1.5
Aomori	3	0	26	10	8.4	3.2
Iwate	1	0	8	2	2.6	0.7
Miyagi	6	2	23	8	4.0	1.4
Akita	2	0	9	3	3.8	1.3
Yamagata	4	0	11	3	4.1	1.1
Fukushima	4	1	18	5	3.9	1.1
Ibaraki	17	8	48	20	6.7	2.8
Tochigi	2	2	19	5	3.9	1.0
Gunma	8	1	22	7	4.5	1.4
Saitama	58	20	130	43	7.1	2.3
Chiba	36	12	94	22	6.0	1.4
Tokyo	104	34	265	89	7.5	2.5
Kanagawa	57	19	146	46	6.3	2.0
Niigata	8	4	23	8	4.2	1.5
Toyama	10	4	20	8	7.7	3.1
Ishikawa	5	1	16	7	5.7	2.5
Fukui	2	0	4	1	2.1	0.5
Yamanashi	0	0	3	0	1.5	0.0
Nagano	12	4	27	6	5.3	1.2
Gifu	9	4	37	13	7.5	2.6
Shizuoka	10	3	46	14	5.1	1.5
Aichi	48	13	146	50	7.7	2.7
Mie	10	5	25	13	5.6	2.9
Shiga	9	0	22	4	6.2	1.1
Kyoto	19	5	69	15	10.7	2.3
Osaka	98	34	231	88	10.5	4.0
Hyogo	44	16	132	48	9.7	3.5
Nara	15	4	30	10	9.1	3.0
Wakayama	5	2	18	6	7.8	2.6
Tottori	1	0	8	1	5.8	0.7
Shimane	2	1	5	1	3.0	0.6
Okayama	11	3	34	7	7.2	1.5
Hiroshima	8	5	35	15	5.0	2.1
Yamaguchi	6	3	18	4	5.4	1.2
Tokushima	9	0	22	4	12.2	2.2
Kagawa	5	2	15	6	6.3	2.5
Ehime	5	3	14	9	4.2	2.7
Kochi	5	2	13	4	7.5	2.3
Fukuoka	44	11	103	32	8.0	2.5
Saga	1	0	9	1	4.4	0.5
Nagasaki	6	0	27	5	8.2	1.5
Kumamoto	14	4	31	9	7.1	2.1
Oita	13	5	25	11	8.9	3.9
Miyazaki	4	2	16	5	6.0	1.9
Kagoshima	10	5	22	11	5.5	2.8
Okinawa	15	8	32	14	8.7	3.8

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

Population: as of 1st Oct. 2020

Table 4. Newly notified TB cases and rates by major city, Japan, 2022

	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	311	102	812	276	8.7	2.9
Sapporo City	10	4	24	10	4.9	2.0
Sendai City	4	2	13	6	4.7	2.2
Saitama City	13	2	26	5	7.9	1.5
Chiba City	7	3	21	5	8.6	2.1
Yokohama City	21	7	55	19	5.8	2.0
Kawasaki City	12	3	33	8	8.6	2.1
Sagamihara City	4	1	11	3	6.1	1.7
Niigata City	3	3	14	4	7.1	2.0
Shizuoka City	4	1	15	4	8.7	2.3
Hamamatsu City	3	1	14	4	7.1	2.0
Nagoya City	26	6	72	29	12.3	5.0
Kyoto City	11	3	42	9	11.5	2.5
Osaka City	48	17	99	36	14.4	5.2
Sakai City	15	6	38	19	18.4	9.2
Kobe City	10	3	30	12	7.9	3.1
Okayama City	3	2	10	2	5.5	1.1
Hiroshima City	2	2	12	6	4.0	2.0
Kitakyushu City	10	1	22	4	9.4	1.7
Fukuoka City	18	5	39	13	9.7	3.2
Kumamoto City	3	1	11	5	6.0	2.7
23-ku area of Tokyo	84	29	211	73	8.7	3.0

Rate: summation / (population*3/12)*100,000 Population: as of 1st Oct. 2020

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, 2022

	Mar.			Summation (Jan.-Mar.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	341	170	171	961	469	492	0.4	0.4	0.6
0～4	20	9	11	69	27	42	34.5	-	21.0
5～9	2	1	1	12	4	8	-	-	-
10～14	1	0	1	5	2	3	5.0	-	3.0
15～19	3	0	3	7	1	6	0.7	0.2	1.5
20～24	5	2	3	20	11	9	0.4	0.3	0.4
25～29	14	11	3	35	24	11	0.5	0.6	0.3
30～34	13	5	8	31	13	18	0.5	0.4	0.7
35～39	6	4	2	24	12	12	0.5	0.5	0.5
40～44	14	4	10	38	12	26	0.6	0.4	0.8
45～49	21	12	9	57	26	31	0.9	0.7	1.4
50～54	23	6	17	61	16	45	0.7	0.2	1.7
55～59	24	9	15	67	26	41	0.8	0.4	1.5
60～64	25	13	12	65	33	32	0.7	0.4	1.3
65～69	32	15	17	83	46	37	0.7	0.6	0.9
70～74	41	28	13	127	78	49	0.7	0.6	1.0
75～79	33	19	14	92	49	43	0.3	0.3	0.5
80～84	32	19	13	87	50	37	0.3	0.3	0.3
85～89	21	10	11	57	28	29	0.2	0.2	0.2
90～	11	3	8	24	11	13	0.1	0.1	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, 2022

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	341	961	0.45
Hokkaido	10	36	0.69
Aomori	2	11	0.42
Iwate	6	13	1.63
Miyagi	3	9	0.39
Akita	2	3	0.33
Yamagata	2	4	0.36
Fukushima	2	10	0.56
Ibaraki	19	36	0.75
Tochigi	1	4	0.21
Gunma	3	5	0.23
Saitama	15	60	0.46
Chiba	14	54	0.57
Tokyo	42	146	0.55
Kanagawa	30	63	0.43
Niigata	6	12	0.52
Toyama	2	5	0.25
Ishikawa	2	3	0.19
Fukui	1	2	0.50
Yamanashi	1	2	0.67
Nagano	4	14	0.52
Gifu	4	11	0.30
Shizuoka	6	13	0.28
Aichi	32	71	0.49
Mie	0	5	0.20
Shiga	2	5	0.23
Kyoto	7	22	0.32
Osaka	29	87	0.38
Hyogo	23	54	0.41
Nara	5	6	0.20
Wakayama	0	4	0.22
Tottori	2	5	0.63
Shimane	0	2	0.40
Okayama	4	16	0.47
Hiroshima	9	21	0.60
Yamaguchi	1	9	0.50
Tokushima	1	4	0.18
Kagawa	1	8	0.53
Ehime	1	4	0.29
Kochi	3	5	0.38
Fukuoka	11	47	0.46
Saga	3	4	0.44
Nagasaki	2	4	0.15
Kumamoto	9	16	0.52
Oita	1	5	0.20
Miyazaki	0	2	0.13
Kagoshima	4	11	0.50
Okinawa	14	28	0.88

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, 2022

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	133	368	0.45
Sapporo City	7	20	0.83
Sendai City	2	8	0.62
Saitama City	1	5	0.19
Chiba City	8	13	0.62
Yokohama City	7	21	0.38
Kawasaki City	7	17	0.52
Sagamihara City	1	4	0.36
Niigata City	4	5	0.36
Shizuoka City	4	5	0.33
Hamamatsu City	1	2	0.14
Nagoya City	17	39	0.54
Kyoto City	3	14	0.33
Osaka City	17	43	0.43
Sakai City	3	8	0.21
Kobe City	3	11	0.37
Okayama City	2	8	0.80
Hiroshima City	5	8	0.67
Kitakyushu City	4	14	0.64
Fukuoka City	5	16	0.41
Kumamoto City	2	5	0.45
23-ku area of Tokyo	30	102	0.48

LTBI: Latent TB Infection

Number of LTBI is not included in the newly nottified TB patients,

Major city: city with a population of one million or more

Table 7 is a re-count of Table 6