



Monthly Report of Tuberculosis Surveillance, Japan - March, 2023

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, 2020-2023

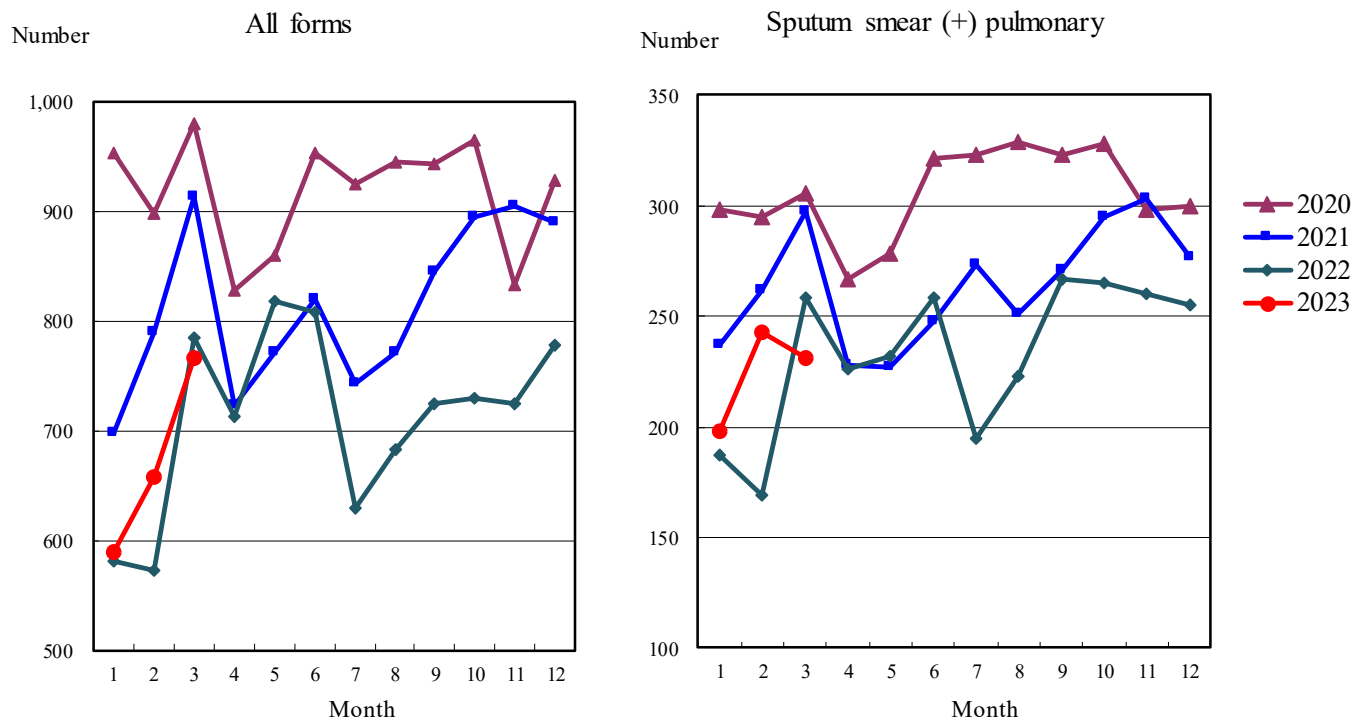


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Mar.) 2023

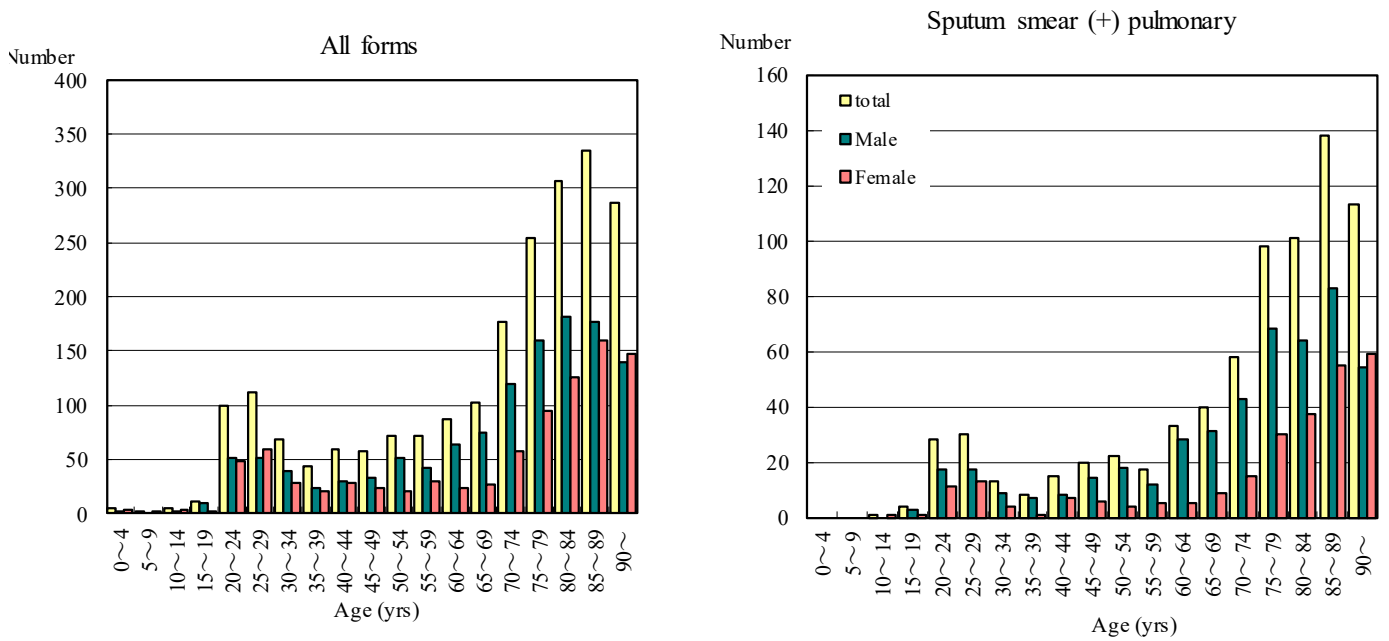


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Mar.) 2023

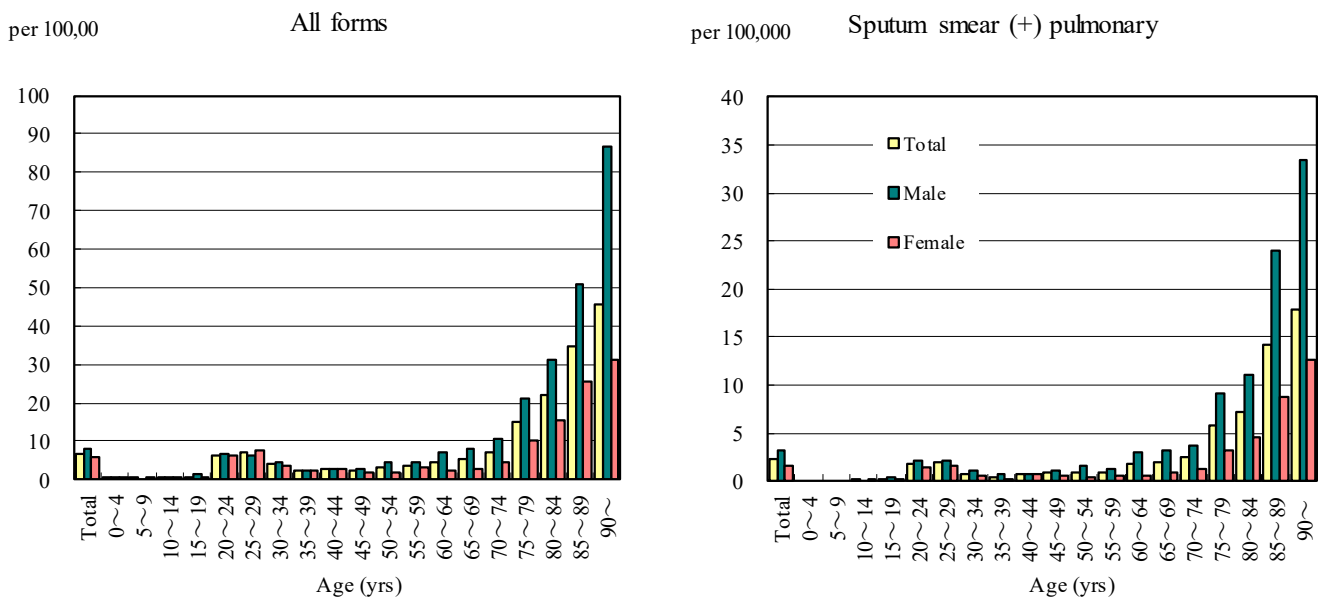


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Mar.) 2023

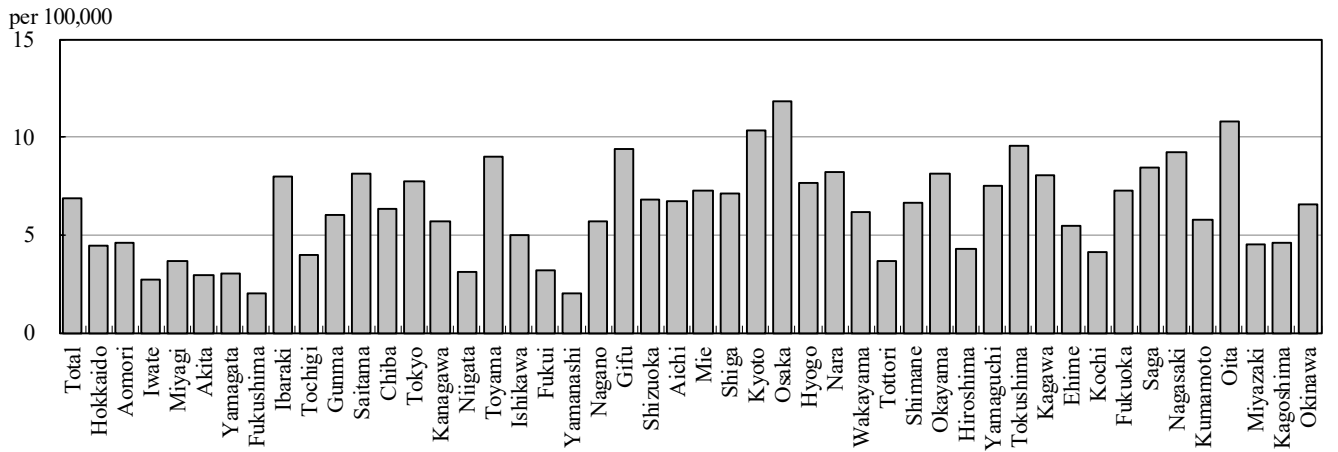


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Mar.) 2023

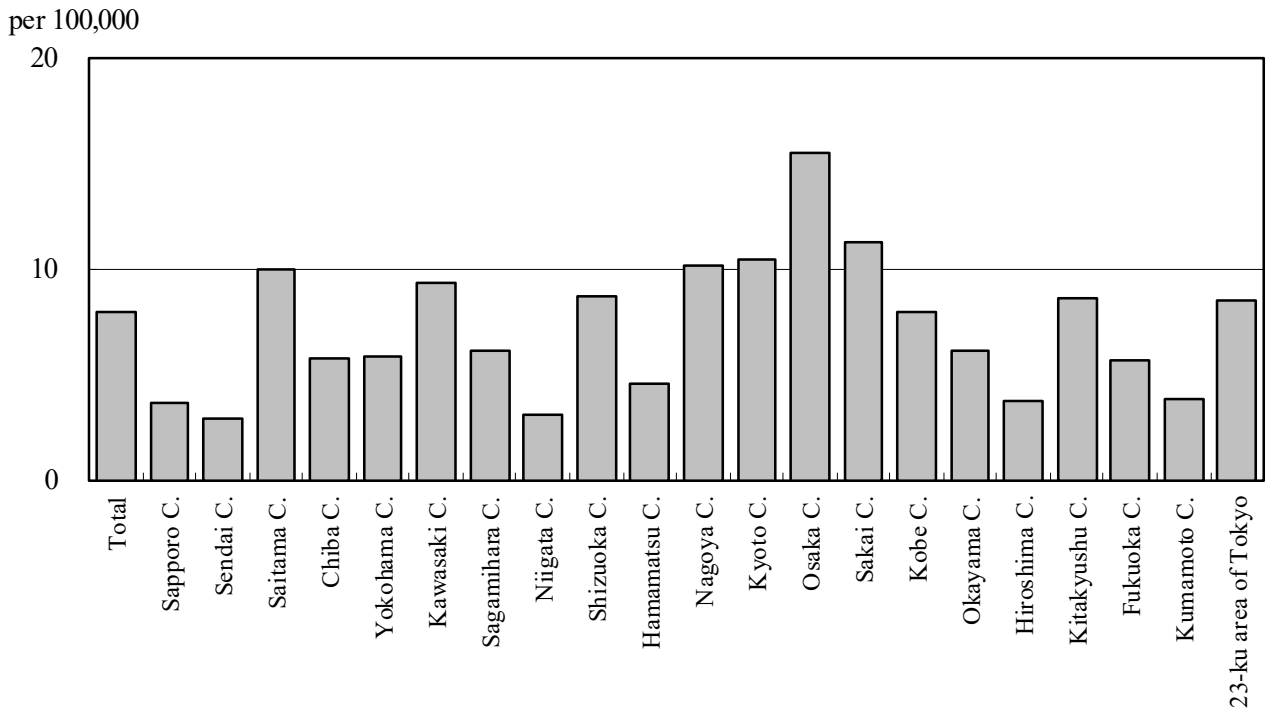


Figure 6. Number of LTBI, Japan, 2020-2023

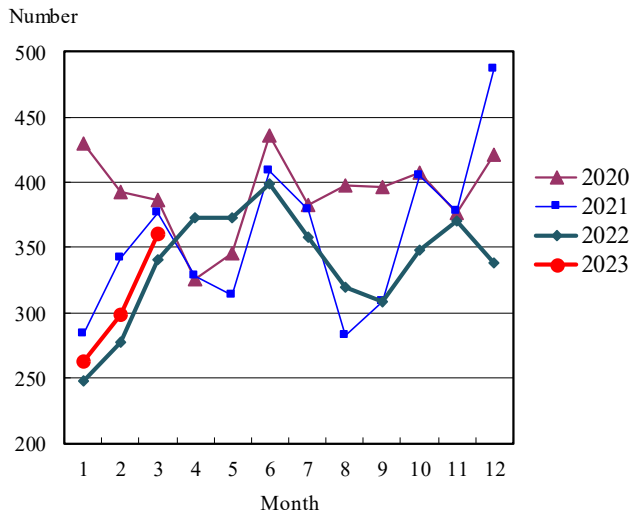


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Mar.) 2023

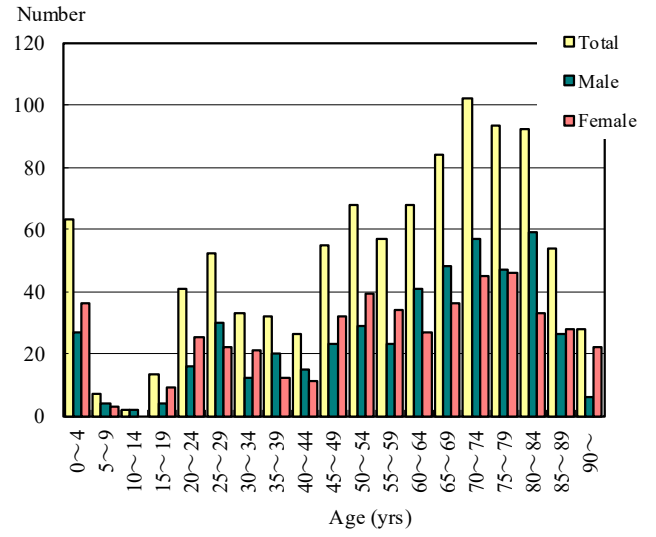


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2023

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	766	446	320	2,155	1,247	908	6.9	8.2	5.6
0~4	1	0	1	5	1	4	0.5	0.2	0.7
5~9	1	0	1	1	0	1	0.1	0.0	0.2
10~14	1	0	1	5	1	4	0.4	0.1	0.6
15~19	3	2	1	11	9	2	0.8	1.3	0.3
20~24	37	25	12	100	52	48	6.4	6.5	6.3
25~29	36	17	19	112	52	60	7.0	6.3	7.7
30~34	32	20	12	68	39	29	4.1	4.7	3.6
35~39	19	10	9	44	23	21	2.4	2.5	2.3
40~44	22	10	12	59	30	29	2.9	2.9	2.9
45~49	20	9	11	57	33	24	2.3	2.7	2.0
50~54	26	19	7	72	51	21	3.1	4.4	1.8
55~59	30	15	15	72	42	30	3.7	4.3	3.1
60~64	31	22	9	87	64	23	4.7	7.0	2.5
65~69	34	25	9	102	75	27	5.2	7.8	2.7
70~74	72	50	22	177	119	58	7.3	10.4	4.5
75~79	84	54	30	254	159	95	15.1	21.3	10.2
80~84	106	60	46	307	181	126	22.1	31.3	15.5
85~89	114	60	54	335	176	159	34.6	50.7	25.6
90~	97	48	49	287	140	147	45.4	86.8	31.3

Temporary registrants = 56, Total of registrants and temporary registrants = 822

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

Population: as of 1st Oct. 2021

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2023

	Mar.			Summation (Jan.-Mar.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	231	147	84	739	476	263	2.4	3.1	1.6
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	1	0	4	3	1	0.3	0.4	0.1
20~24	11	8	3	28	17	11	1.8	2.1	1.4
25~29	8	5	3	30	17	13	1.9	2.1	1.7
30~34	6	5	1	13	9	4	0.8	1.1	0.5
35~39	3	2	1	8	7	1	0.4	0.7	0.1
40~44	4	3	1	15	8	7	0.7	0.8	0.7
45~49	6	5	1	20	14	6	0.8	1.1	0.5
50~54	9	7	2	22	18	4	1.0	1.5	0.3
55~59	7	6	1	17	12	5	0.9	1.2	0.5
60~64	9	8	1	33	28	5	1.8	3.1	0.5
65~69	9	6	3	40	31	9	2.0	3.2	0.9
70~74	13	8	5	58	43	15	2.4	3.8	1.2
75~79	34	21	13	98	68	30	5.8	9.1	3.2
80~84	33	22	11	101	64	37	7.3	11.1	4.6
85~89	44	25	19	138	83	55	14.3	23.9	8.9
90~	34	15	19	113	54	59	17.9	33.5	12.5

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

Population: as of 1st Oct. 2021

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2023

	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	766	231	2,155	739	6.9	2.4
Hokkaido	23	7	57	16	4.4	1.2
Aomori	6	1	14	4	4.6	1.3
Iwate	3	3	8	5	2.7	1.7
Miyagi	5	1	21	2	3.7	0.3
Akita	3	1	7	2	3.0	0.8
Yamagata	4	1	8	2	3.0	0.8
Fukushima	5	1	9	3	2.0	0.7
Ibaraki	16	5	57	11	8.0	1.5
Tochigi	6	1	19	6	4.0	1.2
Gunma	12	2	29	6	6.0	1.2
Saitama	47	14	149	53	8.1	2.9
Chiba	37	10	99	35	6.3	2.2
Tokyo	97	31	272	100	7.8	2.9
Kanagawa	47	10	132	49	5.7	2.1
Niigata	4	1	17	5	3.1	0.9
Toyama	6	2	23	10	9.0	3.9
Ishikawa	4	2	14	4	5.0	1.4
Fukui	2	0	6	1	3.2	0.5
Yamanashi	3	0	4	0	2.0	0.0
Nagano	7	1	29	16	5.7	3.1
Gifu	18	10	46	22	9.4	4.5
Shizuoka	20	5	61	20	6.8	2.2
Aichi	49	10	126	38	6.7	2.0
Mie	8	3	32	7	7.3	1.6
Shiga	9	3	25	6	7.1	1.7
Kyoto	27	3	66	17	10.3	2.7
Osaka	88	34	261	103	11.9	4.7
Hyogo	41	18	104	43	7.7	3.2
Nara	13	4	27	10	8.2	3.0
Wakayama	3	2	14	8	6.1	3.5
Tottori	2	0	5	0	3.6	0.0
Shimane	4	2	11	4	6.6	2.4
Okayama	6	0	38	10	8.1	2.1
Hiroshima	9	3	30	12	4.3	1.7
Yamaguchi	10	6	25	11	7.5	3.3
Tokushima	7	1	17	2	9.6	1.1
Kagawa	11	4	19	8	8.1	3.4
Ehime	9	3	18	7	5.5	2.1
Kochi	4	2	7	3	4.1	1.8
Fukuoka	43	16	93	35	7.3	2.7
Saga	4	1	17	5	8.4	2.5
Nagasaki	7	2	30	7	9.3	2.2
Kumamoto	8	1	25	10	5.8	2.3
Oita	8	1	30	12	10.8	4.3
Miyazaki	1	0	12	2	4.5	0.8
Kagoshima	7	1	18	4	4.6	1.0
Okinawa	13	2	24	3	6.5	0.8

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

Population: as of 1st Oct. 2021

Table 4. Newly notified TB cases and rates by major city, Japan, 2023

	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	251	78	739	263	7.9	2.8
Sapporo City	7	3	18	5	3.6	1.0
Sendai City	1	0	8	1	2.9	0.4
Saitama City	12	4	33	13	9.9	3.9
Chiba City	6	3	14	8	5.7	3.3
Yokohama City	23	5	55	21	5.8	2.2
Kawasaki City	11	3	36	11	9.3	2.9
Sagamihara City	2	1	11	7	6.1	3.9
Niigata City	1	0	6	2	3.1	1.0
Shizuoka City	7	0	15	4	8.7	2.3
Hamamatsu City	2	1	9	3	4.5	1.5
Nagoya City	18	4	59	21	10.1	3.6
Kyoto City	15	2	38	10	10.5	2.8
Osaka City	27	9	106	38	15.4	5.5
Sakai City	6	3	23	12	11.2	5.9
Kobe City	13	8	30	14	7.9	3.7
Okayama City	2	0	11	2	6.1	1.1
Hiroshima City	2	1	11	5	3.7	1.7
Kitakyushu City	11	3	20	4	8.6	1.7
Fukuoka City	9	3	23	9	5.7	2.2
Kumamoto City	2	0	7	2	3.8	1.1
23-ku area of Tokyo	74	25	206	71	8.5	2.9

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

Population: as of 1st Oct. 2021

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, 2023

	Mar.			Summation (Jan.-Mar.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	361	186	175	970	489	481	0.5	0.4	0.5
0~4	19	11	8	63	27	36	12.6	27.0	9.0
5~9	2	1	1	7	4	3	7.0	-	3.0
10~14	1	1	0	2	2	0	0.4	2.0	0.0
15~19	2	0	2	13	4	9	1.2	0.4	4.5
20~24	18	7	11	41	16	25	0.4	0.3	0.5
25~29	16	10	6	52	30	22	0.5	0.6	0.4
30~34	9	5	4	33	12	21	0.5	0.3	0.7
35~39	16	10	6	32	20	12	0.7	0.9	0.6
40~44	9	6	3	26	15	11	0.4	0.5	0.4
45~49	20	10	10	55	23	32	1.0	0.7	1.3
50~54	26	11	15	68	29	39	0.9	0.6	1.9
55~59	20	10	10	57	23	34	0.8	0.5	1.1
60~64	30	15	15	68	41	27	0.8	0.6	1.2
65~69	32	18	14	84	48	36	0.8	0.6	1.3
70~74	42	23	19	102	57	45	0.6	0.5	0.8
75~79	33	14	19	93	47	46	0.4	0.3	0.5
80~84	32	24	8	92	59	33	0.3	0.3	0.3
85~89	23	8	15	54	26	28	0.2	0.1	0.2
90~	11	2	9	28	6	22	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, 2023

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	361	970	0.45
Hokkaido	16	38	0.67
Aomori	6	12	0.86
Iwate	4	9	1.13
Miyagi	12	23	1.10
Akita	1	4	0.57
Yamagata	2	2	0.25
Fukushima	0	3	0.33
Ibaraki	4	22	0.39
Tochigi	2	5	0.26
Gunma	2	4	0.14
Saitama	24	64	0.43
Chiba	15	55	0.56
Tokyo	45	134	0.49
Kanagawa	25	70	0.53
Niigata	5	8	0.47
Toyama	3	8	0.35
Ishikawa	2	9	0.64
Fukui	0	2	0.33
Yamanashi	0	2	0.50
Nagano	3	10	0.34
Gifu	8	12	0.26
Shizuoka	4	12	0.20
Aichi	27	59	0.47
Mie	2	6	0.19
Shiga	1	4	0.16
Kyoto	10	29	0.44
Osaka	41	112	0.43
Hyogo	15	36	0.35
Nara	3	8	0.30
Wakayama	5	8	0.57
Tottori	2	2	0.40
Shimane	0	2	0.18
Okayama	8	16	0.42
Hiroshima	10	29	0.97
Yamaguchi	4	13	0.52
Tokushima	0	2	0.12
Kagawa	2	8	0.42
Ehime	1	6	0.33
Kochi	1	2	0.29
Fukuoka	16	40	0.43
Saga	2	3	0.18
Nagasaki	2	13	0.43
Kumamoto	3	8	0.32
Oita	3	13	0.43
Miyazaki	3	9	0.75
Kagoshima	5	12	0.67
Okinawa	12	22	0.92

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, 2023

	Mar.	Summation (Jan.-Mar.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	142	347	0.47
Sapporo City	10	15	0.83
Sendai City	6	11	1.38
Saitama City	7	10	0.30
Chiba City	2	6	0.43
Yokohama City	10	26	0.47
Kawasaki City	3	11	0.31
Sagamihara City	2	4	0.36
Niigata City	4	5	0.83
Shizuoka City	1	1	0.07
Hamamatsu City	2	6	0.67
Nagoya City	15	31	0.53
Kyoto City	7	15	0.39
Osaka City	13	42	0.40
Sakai City	2	6	0.26
Kobe City	8	12	0.40
Okayama City	6	11	1.00
Hiroshima City	3	8	0.73
Kitakyushu City	2	5	0.25
Fukuoka City	4	14	0.61
Kumamoto City	1	2	0.29
23-ku area of Tokyo	34	106	0.51

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