



Monthly Report of Tuberculosis Surveillance, Japan - July, 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

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

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

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

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

Figure 5. Notification rate of TB by major city, Japan, summation (Jan. -Jul.) 2022

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

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

Tables

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

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

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

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

Table 5. LTBI cases and rates by sex and age, Japan, 2022

Table 6. LTBI cases and rates by prefecture, Japan, 2022

Table 7. LTBI cases and rates by major city, Japan, 2022

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

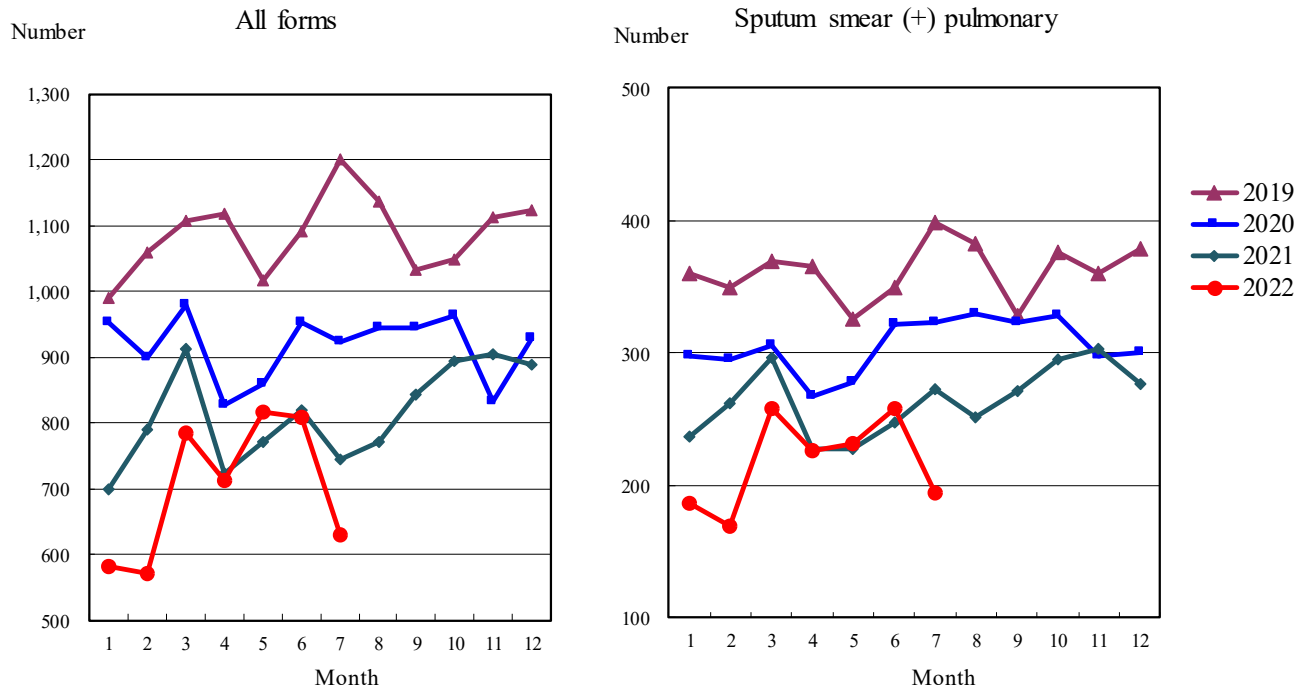


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Jul.) 2022

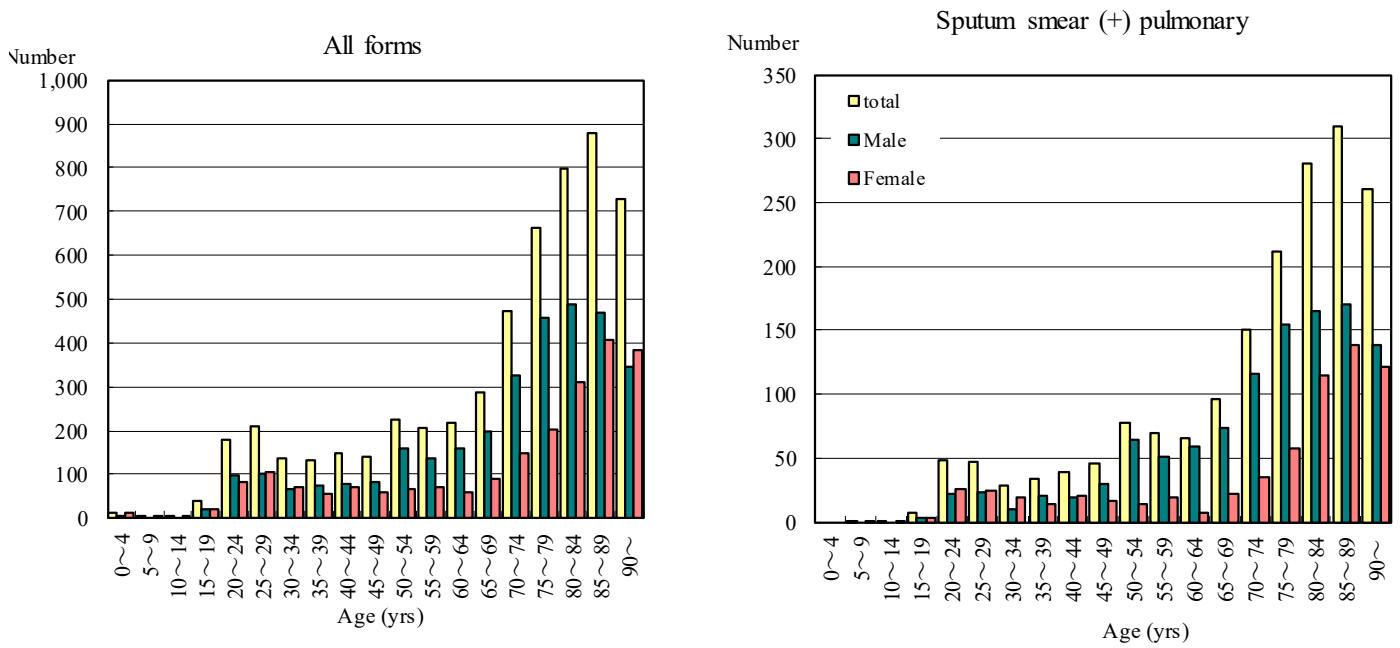


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Jul.) 2022

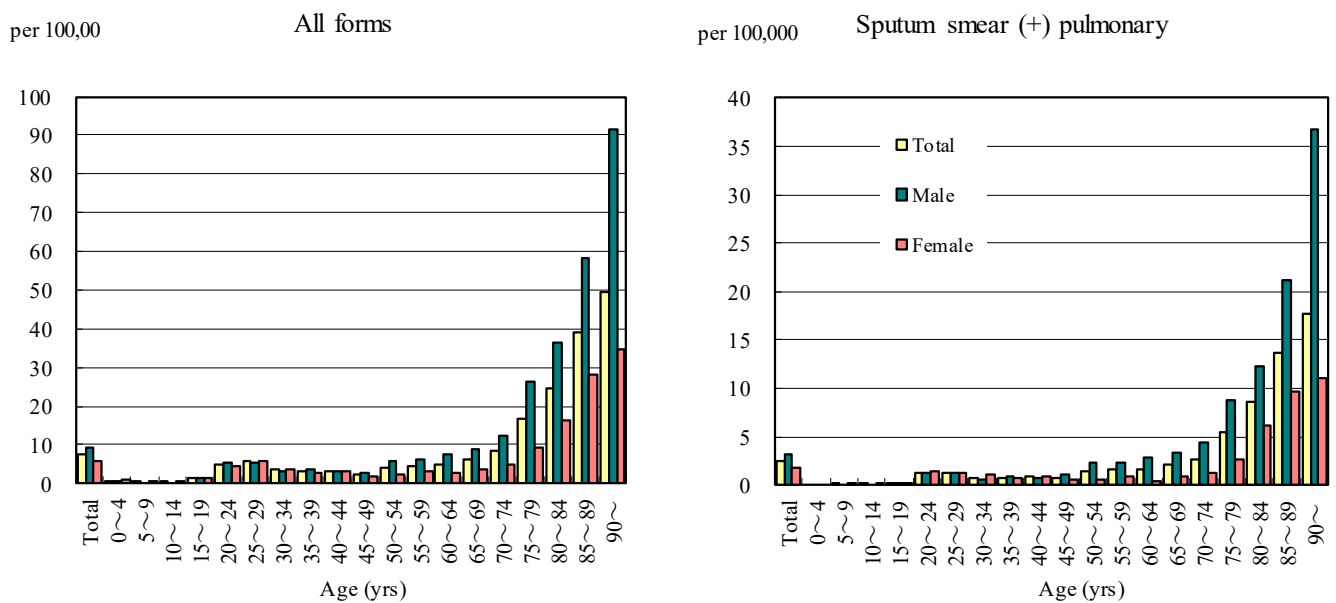


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Jul.) 2022

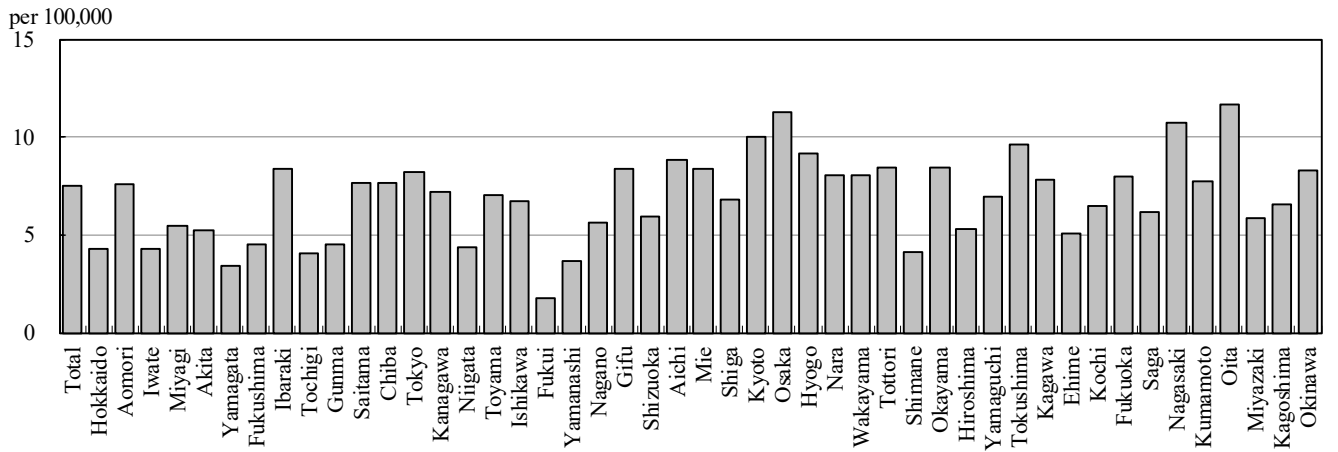


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Jul.) 2022

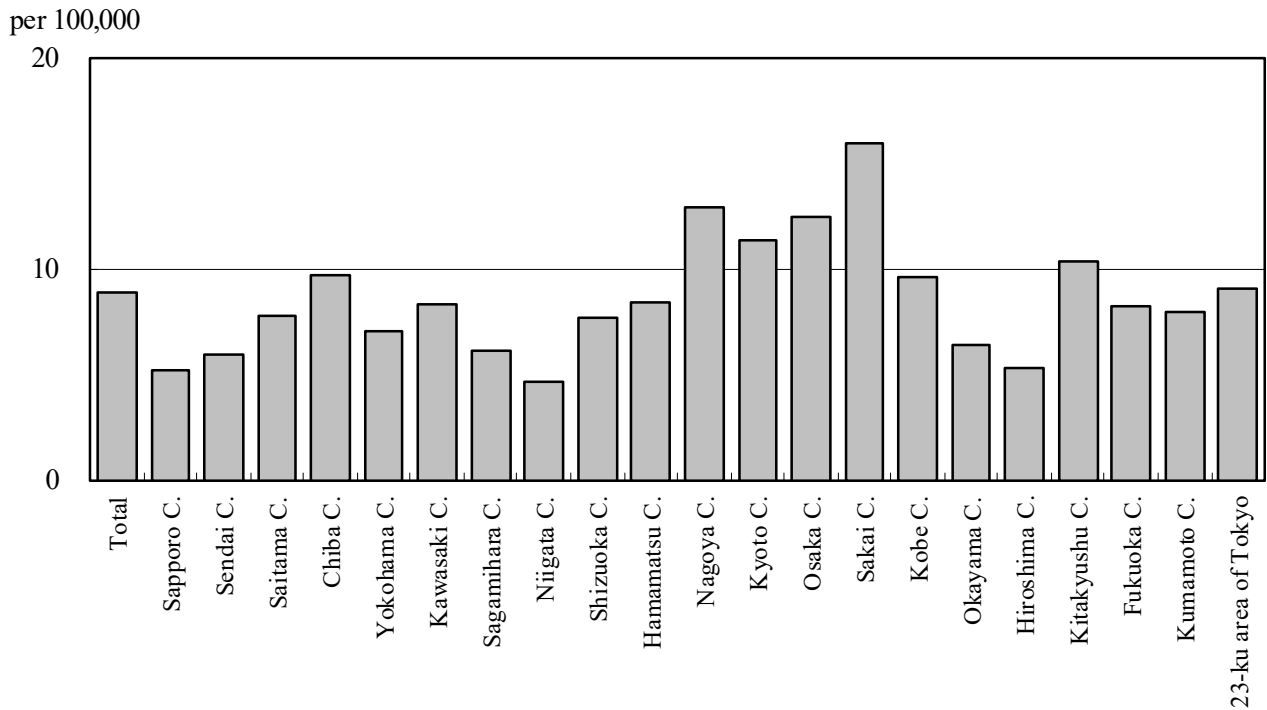


Figure 6. Number of LTBI, Japan, 2019-2022

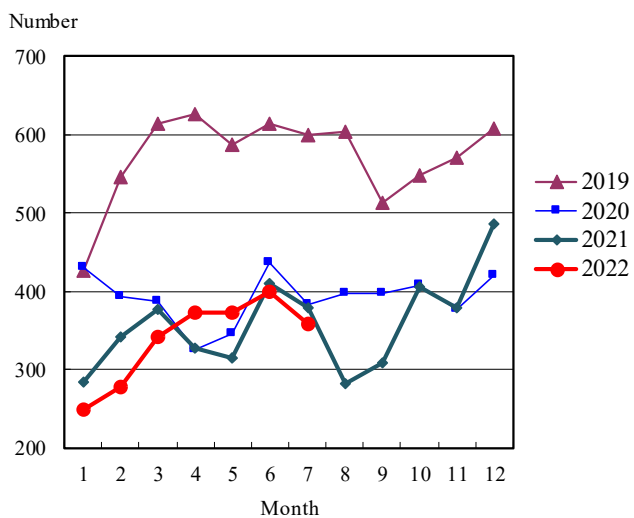


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Jul.) 2022

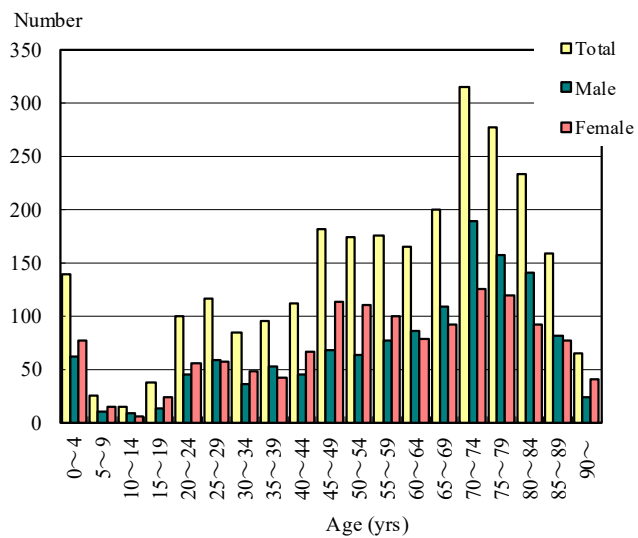


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2022

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	630	364	266	5,485	3,267	2,218	7.5	9.2	5.9
0~4	1	0	1	12	1	11	0.5	0.1	0.9
5~9	0	0	0	3	0	3	0.1	0.0	0.2
10~14	0	0	0	2	0	2	0.1	0.0	0.1
15~19	7	3	4	41	21	20	1.3	1.3	1.3
20~24	31	16	15	179	98	81	4.9	5.2	4.5
25~29	25	13	12	210	103	107	5.6	5.4	5.9
30~34	23	10	13	135	65	70	3.5	3.3	3.7
35~39	13	8	5	132	75	57	3.1	3.4	2.7
40~44	13	7	6	148	77	71	3.1	3.2	3.0
45~49	14	9	5	141	83	58	2.5	2.9	2.1
50~54	23	13	10	227	159	68	4.2	5.9	2.5
55~59	19	14	5	208	138	70	4.6	6.1	3.1
60~64	18	14	4	219	159	60	5.1	7.5	2.8
65~69	40	29	11	289	199	90	6.3	8.9	3.8
70~74	52	33	19	473	325	148	8.4	12.2	5.0
75~79	71	52	19	661	459	202	16.9	26.3	9.3
80~84	98	60	38	799	490	309	24.6	36.4	16.3
85~89	101	48	53	879	470	409	38.9	58.1	28.2
90~	81	35	46	727	345	382	49.3	91.7	34.8

Temporary registrants = 80, Total of registrants and temporary registrants = 710

Rate: summation / (population*7/12)*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, 2022

	Jul.			Summation (Jan.-Jul.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	195	126	69	1,775	1,120	655	2.4	3.1	1.7
0~4	0	0	0	0	0	0	0.0	0.0	0.0
5~9	0	0	0	1	0	1	0.0	0.0	0.1
10~14	0	0	0	1	0	1	0.0	0.0	0.1
15~19	1	0	1	7	4	3	0.2	0.2	0.2
20~24	10	5	5	48	22	26	1.3	1.2	1.5
25~29	7	4	3	47	23	24	1.3	1.2	1.3
30~34	4	2	2	29	10	19	0.8	0.5	1.0
35~39	4	2	2	34	20	14	0.8	0.9	0.7
40~44	5	4	1	39	19	20	0.8	0.8	0.9
45~49	4	3	1	46	30	16	0.8	1.0	0.6
50~54	7	4	3	78	64	14	1.4	2.4	0.5
55~59	9	9	0	70	51	19	1.5	2.2	0.8
60~64	7	7	0	66	59	7	1.5	2.8	0.3
65~69	9	7	2	96	74	22	2.1	3.3	0.9
70~74	14	11	3	151	116	35	2.7	4.4	1.2
75~79	24	19	5	212	154	58	5.4	8.8	2.7
80~84	33	21	12	280	165	115	8.6	12.2	6.1
85~89	34	18	16	310	171	139	13.7	21.1	9.6
90~	23	10	13	260	138	122	17.6	36.7	11.1

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2021

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

	Jul.		Summation (Jan.-Jul.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	630	195	5,485	1,775	7.5	2.4
Hokkaido	17	4	130	37	4.3	1.2
Aomori	9	2	54	18	7.6	2.5
Iwate	2	1	30	10	4.3	1.4
Miyagi	7	3	73	33	5.5	2.5
Akita	5	1	29	8	5.3	1.5
Yamagata	1	1	21	8	3.4	1.3
Fukushima	5	0	48	18	4.5	1.7
Ibaraki	21	7	139	44	8.4	2.6
Tochigi	0	0	45	22	4.0	2.0
Gunma	6	2	51	19	4.5	1.7
Saitama	49	13	328	113	7.7	2.6
Chiba	33	9	279	73	7.6	2.0
Tokyo	85	29	670	235	8.2	2.9
Kanagawa	55	15	387	112	7.2	2.1
Niigata	5	1	55	15	4.3	1.2
Toyama	5	2	42	15	7.0	2.5
Ishikawa	1	0	44	13	6.7	2.0
Fukui	0	0	8	2	1.8	0.5
Yamanashi	0	0	17	5	3.6	1.1
Nagano	9	4	67	21	5.6	1.8
Gifu	10	4	96	29	8.4	2.5
Shizuoka	6	4	125	42	5.9	2.0
Aichi	51	12	388	109	8.8	2.5
Mie	3	2	86	32	8.4	3.1
Shiga	4	2	56	15	6.8	1.8
Kyoto	13	3	150	45	10.0	3.0
Osaka	48	20	578	214	11.3	4.2
Hyogo	38	13	291	108	9.2	3.4
Nara	6	2	62	19	8.1	2.5
Wakayama	5	2	43	12	8.1	2.3
Tottori	0	0	27	9	8.4	2.8
Shimane	3	1	16	4	4.1	1.0
Okayama	14	4	92	24	8.4	2.2
Hiroshima	7	5	86	36	5.3	2.2
Yamaguchi	7	1	54	12	7.0	1.5
Tokushima	2	0	40	8	9.6	1.9
Kagawa	8	3	43	16	7.8	2.9
Ehime	6	2	39	17	5.1	2.2
Kochi	1	0	26	10	6.5	2.5
Fukuoka	27	7	239	67	8.0	2.2
Saga	3	1	29	6	6.2	1.3
Nagasaki	8	0	81	18	10.7	2.4
Kumamoto	10	3	78	24	7.7	2.4
Oita	12	4	76	24	11.7	3.7
Miyazaki	6	0	36	10	5.8	1.6
Kagoshima	8	2	60	22	6.5	2.4
Okinawa	9	4	71	22	8.3	2.6

Rate: summation / (population*7/12)*100,000

Population: as of 1st Oct. 2021

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

	Jul.		Summation (Jan.-Jul.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	224	70	1,936	645	8.9	3.0
Sapporo City	7	1	60	17	5.2	1.5
Sendai City	5	1	38	17	5.9	2.7
Saitama City	8	2	60	19	7.7	2.4
Chiba City	8	1	55	13	9.6	2.3
Yokohama City	26	10	155	57	7.0	2.6
Kawasaki City	11	1	75	19	8.3	2.1
Sagamihara City	1	0	26	7	6.1	1.7
Niigata City	3	0	21	6	4.6	1.3
Shizuoka City	1	1	31	11	7.7	2.7
Hamamatsu City	4	2	39	13	8.4	2.8
Nagoya City	22	4	175	55	12.9	4.1
Kyoto City	11	3	96	33	11.3	3.9
Osaka City	0	0	200	66	12.5	4.1
Sakai City	10	6	76	37	15.9	7.7
Kobe City	14	3	85	24	9.6	2.7
Okayama City	5	2	27	8	6.4	1.9
Hiroshima City	5	4	37	15	5.3	2.1
Kitakyushu City	5	2	56	12	10.3	2.2
Fukuoka City	8	1	78	22	8.3	2.3
Kumamoto City	5	2	34	10	7.9	2.3
23-ku area of Tokyo	65	24	512	184	9.1	3.3

Rate: summation / (population*7/12)*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, 2022

	Jul.			Summation (Jan.-Jul.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	358	199	159	2,657	1,322	1,335	0.5	0.4	0.6
0~4	12	7	5	138	61	77	11.5	61.0	7.0
5~9	3	1	2	25	10	15	8.3	-	5.0
10~14	1	0	1	14	8	6	7.0	-	3.0
15~19	2	1	1	37	13	24	0.9	0.6	1.2
20~24	24	15	9	100	45	55	0.6	0.5	0.7
25~29	22	12	10	116	59	57	0.6	0.6	0.5
30~34	13	6	7	84	36	48	0.6	0.6	0.7
35~39	14	9	5	95	53	42	0.7	0.7	0.7
40~44	16	7	9	111	45	66	0.8	0.6	0.9
45~49	20	9	11	181	68	113	1.3	0.8	1.9
50~54	23	11	12	173	63	110	0.8	0.4	1.6
55~59	25	7	18	175	76	99	0.8	0.6	1.4
60~64	17	8	9	164	86	78	0.7	0.5	1.3
65~69	25	13	12	200	108	92	0.7	0.5	1.0
70~74	44	30	14	314	189	125	0.7	0.6	0.8
75~79	43	30	13	276	157	119	0.4	0.3	0.6
80~84	32	20	12	232	140	92	0.3	0.3	0.3
85~89	17	10	7	158	81	77	0.2	0.2	0.2
90~	5	3	2	64	24	40	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

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	358	2,657	0.48
Hokkaido	18	119	0.92
Aomori	2	24	0.44
Iwate	3	27	0.90
Miyagi	2	31	0.42
Akita	0	7	0.24
Yamagata	1	10	0.48
Fukushima	3	17	0.35
Ibaraki	7	73	0.53
Tochigi	0	7	0.16
Gunma	5	29	0.57
Saitama	25	160	0.49
Chiba	19	156	0.56
Tokyo	55	372	0.56
Kanagawa	29	184	0.48
Niigata	3	31	0.56
Toyama	3	19	0.45
Ishikawa	0	24	0.55
Fukui	1	3	0.38
Yamanashi	0	9	0.53
Nagano	10	45	0.67
Gifu	1	40	0.42
Shizuoka	3	36	0.29
Aichi	19	172	0.44
Mie	1	12	0.14
Shiga	6	19	0.34
Kyoto	5	55	0.37
Osaka	25	252	0.44
Hyogo	20	130	0.45
Nara	4	19	0.31
Wakayama	1	13	0.30
Tottori	0	10	0.37
Shimane	3	7	0.44
Okayama	26	58	0.63
Hiroshima	4	49	0.57
Yamaguchi	1	27	0.50
Tokushima	0	6	0.15
Kagawa	7	26	0.60
Ehime	2	8	0.21
Kochi	0	7	0.27
Fukuoka	22	172	0.72
Saga	1	9	0.31
Nagasaki	3	22	0.27
Kumamoto	1	30	0.38
Oita	5	23	0.30
Miyazaki	1	8	0.22
Kagoshima	5	31	0.52
Okinawa	6	69	0.97

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

	Jul.	Summation (Jan.-Jul.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	139	970	0.50
Sapporo City	9	57	0.95
Sendai City	1	15	0.39
Saitama City	1	19	0.32
Chiba City	5	34	0.62
Yokohama City	11	78	0.50
Kawasaki City	9	47	0.63
Sagamihara City	4	13	0.50
Niigata City	2	9	0.43
Shizuoka City	2	10	0.32
Hamamatsu City	0	8	0.21
Nagoya City	7	76	0.43
Kyoto City	4	38	0.40
Osaka City	0	96	0.48
Sakai City	10	29	0.38
Kobe City	6	41	0.48
Okayama City	22	35	1.30
Hiroshima City	2	15	0.41
Kitakyushu City	3	38	0.68
Fukuoka City	9	55	0.71
Kumamoto City	0	11	0.32
23-ku area of Tokyo	32	246	0.48

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