



Monthly Report of Tuberculosis Surveillance, Japan - September, 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.

Figures

Figure 1. Number of newly notified TB cases by month, Japan, 2018-2021

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

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

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

Figure 5. Notification rate of TB by major city, Japan, summation (Jan. -Sep.) 2021

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

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

Tables

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

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

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

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

Table 5. LTBI cases and rates by sex and age, Japan, 2021

Table 6. LTBI cases and rates by prefecture, Japan, 2021

Table 7. LTBI cases and rates by major city, Japan, 2021

Figure 1. Number of newly notified TB cases by month, Japan, 2018-2021

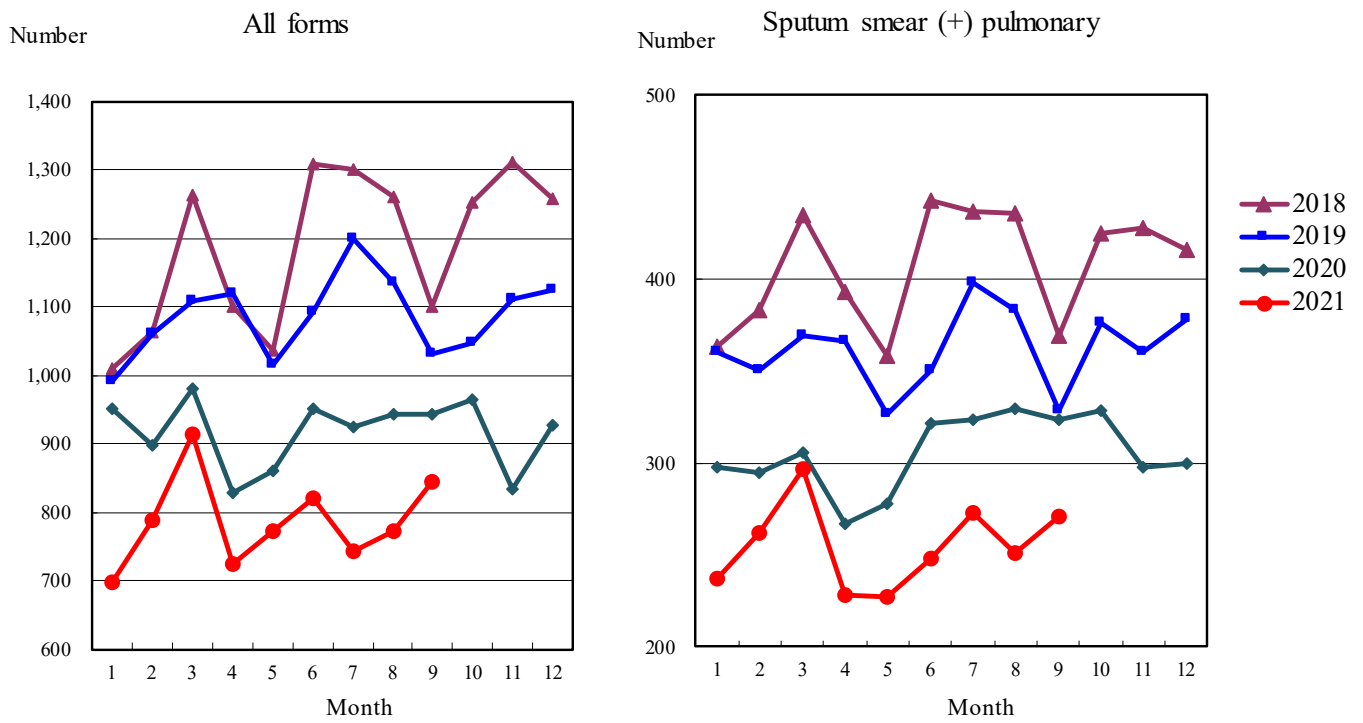


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Sep.) 2021

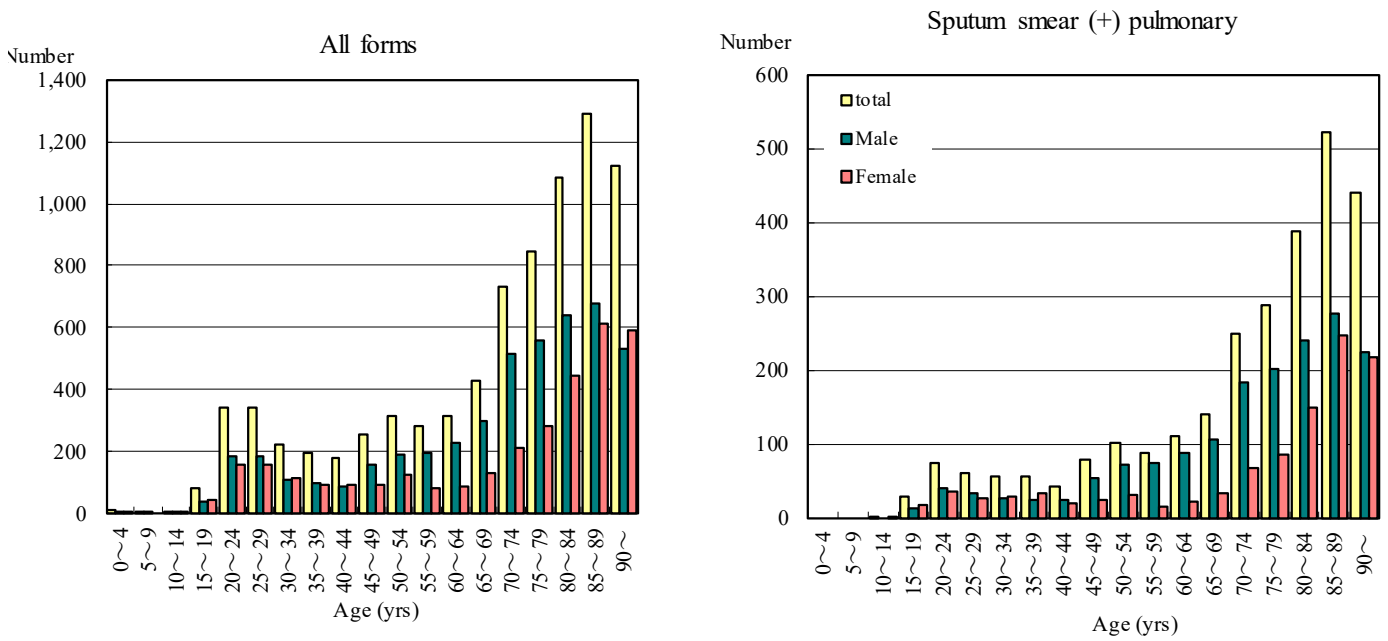


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Sep.) 2021

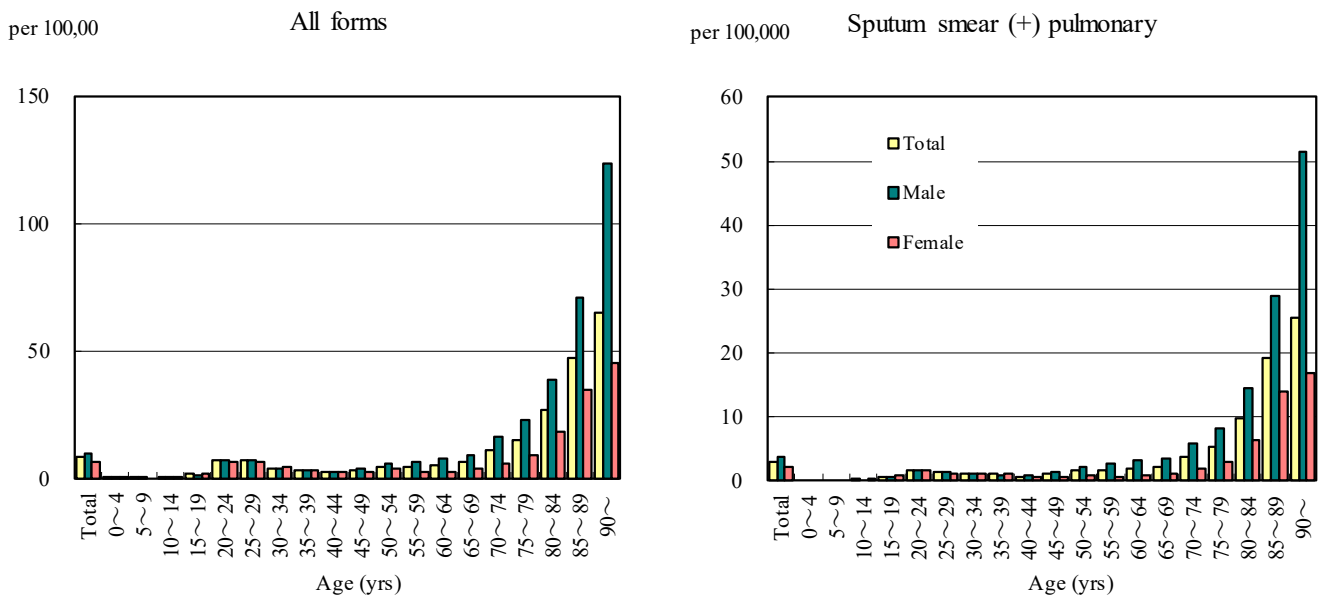


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Sep.) 2021

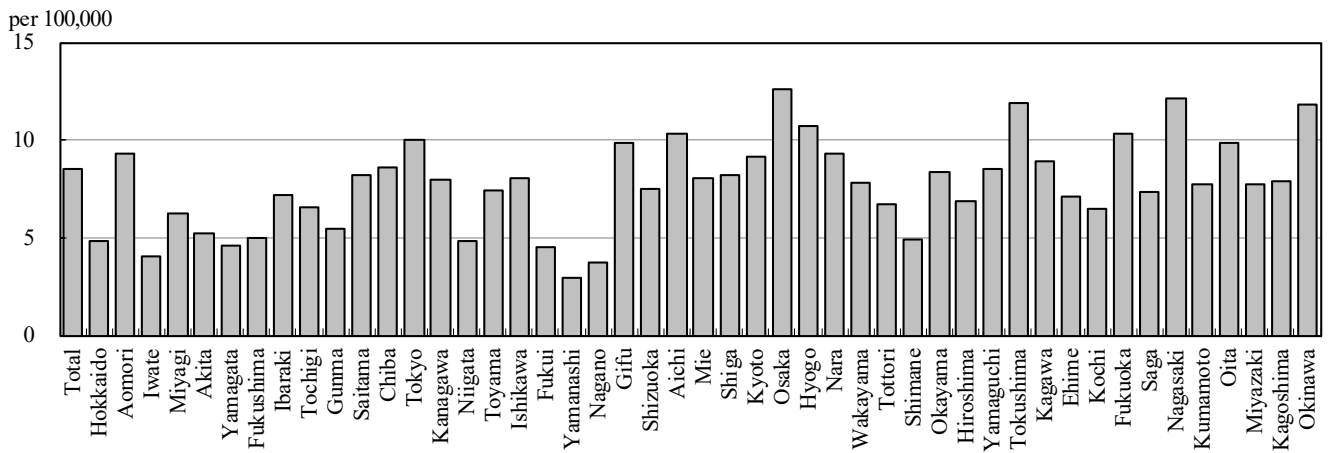


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Sep.) 2021

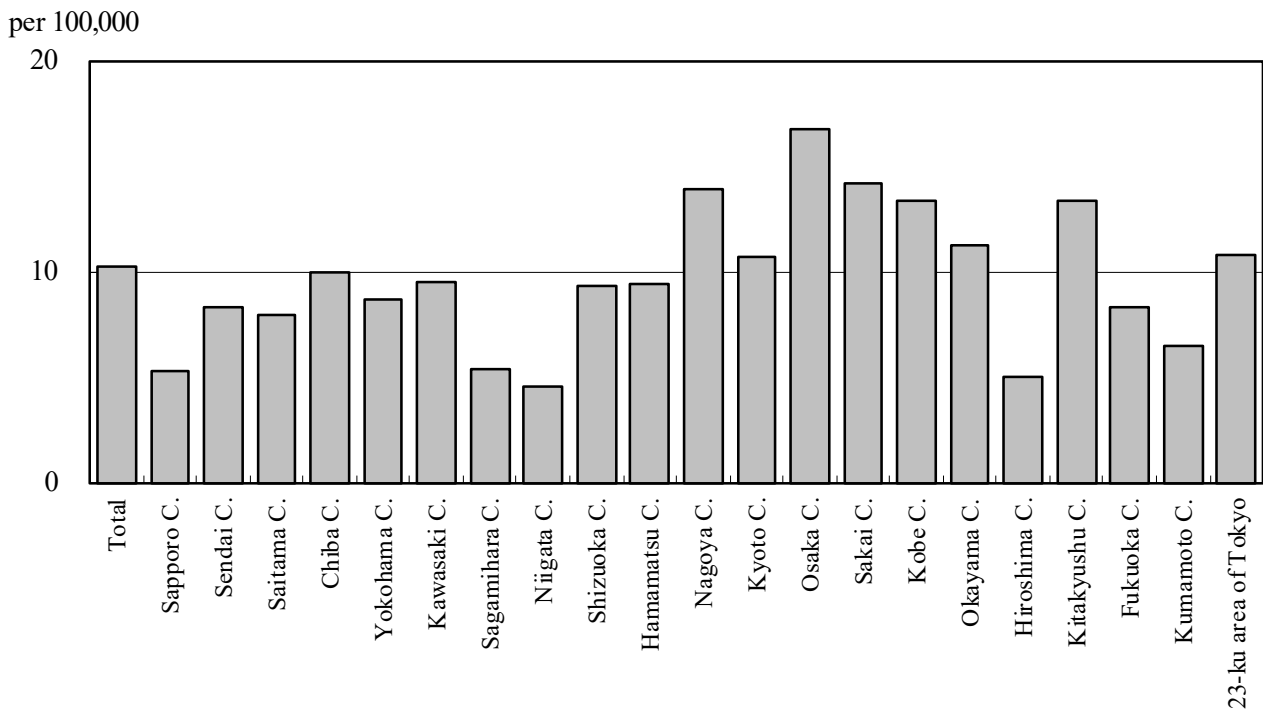


Figure 6. Number of LTBI, Japan, 2018-2021

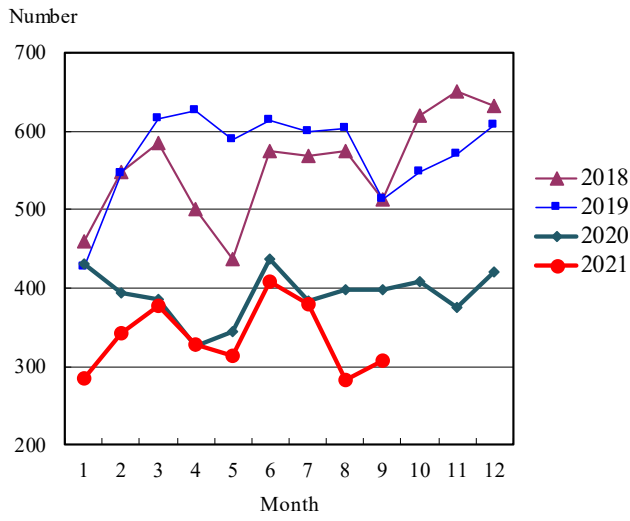


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Sep.) 2021

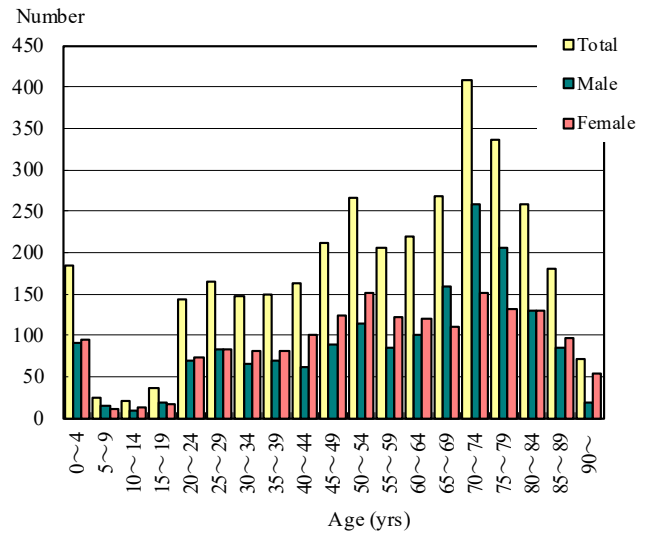


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Sep.			Summation (Jan.-Sep.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	844	478	366	8,054	4,720	3,334	8.5	10.2	6.9
0~4	3	0	3	14	5	9	0.4	0.3	0.5
5~9	1	1	0	2	2	0	0.1	0.1	0.0
10~14	1	0	1	7	2	5	0.2	0.1	0.3
15~19	4	1	3	82	39	43	1.9	1.7	2.0
20~24	31	16	15	342	185	157	7.1	7.5	6.8
25~29	39	19	20	342	184	158	7.3	7.6	7.0
30~34	22	7	15	226	112	114	4.5	4.3	4.6
35~39	23	13	10	194	98	96	3.4	3.4	3.4
40~44	15	1	14	178	87	91	2.7	2.6	2.8
45~49	35	23	12	254	159	95	3.5	4.3	2.6
50~54	35	23	12	316	191	125	4.9	5.9	3.9
55~59	36	20	16	283	199	84	4.9	6.9	2.9
60~64	39	23	16	314	228	86	5.6	8.2	3.0
65~69	42	31	11	429	299	130	6.6	9.5	3.9
70~74	72	53	19	731	517	214	11.2	16.8	6.2
75~79	68	41	27	845	561	284	15.6	23.1	9.5
80~84	127	84	43	1,083	640	443	27.1	38.8	18.9
85~89	140	71	69	1,289	678	611	47.6	71.0	34.8
90~	111	51	60	1,123	534	589	64.8	123.3	45.4

Temporary registrants = 71, Total of registrants and temporary registrants = 915

Rate: summation / (population*9/12)*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

	Sep.			Summation (Jan.-Sep.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	271	165	106	2,723	1,670	1,053	2.9	3.6	2.2
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	1	0	1	1	0	1	0.0	0.0	0.1
15~19	3	1	2	29	12	17	0.7	0.5	0.8
20~24	6	2	4	75	39	36	1.6	1.6	1.6
25~29	6	5	1	60	33	27	1.3	1.4	1.2
30~34	3	2	1	56	27	29	1.1	1.0	1.2
35~39	7	5	2	56	23	33	1.0	0.8	1.2
40~44	4	0	4	43	23	20	0.7	0.7	0.6
45~49	11	9	2	79	54	25	1.1	1.5	0.7
50~54	11	8	3	101	71	30	1.6	2.2	0.9
55~59	13	8	5	88	74	14	1.5	2.6	0.5
60~64	13	10	3	110	88	22	1.9	3.2	0.8
65~69	10	8	2	139	105	34	2.1	3.3	1.0
70~74	22	15	7	248	182	66	3.8	5.9	1.9
75~79	21	12	9	287	201	86	5.3	8.3	2.9
80~84	45	31	14	388	239	149	9.7	14.5	6.3
85~89	49	25	24	522	276	246	19.3	28.9	14.0
90~	46	24	22	441	223	218	25.5	51.5	16.8

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

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

	Sep.		Summation (Jan.-Sep.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	844	271	8,054	2,723	8.5	2.9
Hokkaido	25	7	189	70	4.8	1.8
Aomori	11	2	87	31	9.3	3.3
Iwate	1	1	37	20	4.0	2.2
Miyagi	14	4	108	37	6.2	2.1
Akita	1	0	38	20	5.2	2.8
Yamagata	4	1	37	16	4.6	2.0
Fukushima	12	4	69	22	5.0	1.6
Ibaraki	14	6	154	50	7.2	2.3
Tochigi	8	3	95	34	6.5	2.3
Gunma	5	0	79	17	5.4	1.2
Saitama	48	15	454	142	8.2	2.6
Chiba	34	12	402	122	8.6	2.6
Tokyo	113	38	1,047	394	10.0	3.8
Kanagawa	67	22	551	173	8.0	2.5
Niigata	7	4	81	31	4.9	1.9
Toyama	6	2	58	21	7.4	2.7
Ishikawa	8	2	69	21	8.1	2.5
Fukui	3	2	26	6	4.5	1.0
Yamanashi	1	1	18	4	3.0	0.7
Nagano	6	3	57	20	3.7	1.3
Gifu	16	3	147	49	9.9	3.3
Shizuoka	19	5	206	72	7.5	2.6
Aichi	44	10	586	169	10.3	3.0
Mie	6	1	107	40	8.0	3.0
Shiga	9	0	87	17	8.2	1.6
Kyoto	14	4	177	59	9.1	3.0
Osaka	73	35	832	323	12.6	4.9
Hyogo	58	14	441	163	10.8	4.0
Nara	12	3	93	34	9.3	3.4
Wakayama	9	6	54	22	7.8	3.2
Tottori	3	1	28	9	6.7	2.2
Shimane	1	0	25	5	4.9	1.0
Okayama	18	5	119	33	8.4	2.3
Hiroshima	14	6	144	54	6.8	2.6
Yamaguchi	9	3	87	21	8.5	2.1
Tokushima	7	3	65	22	11.9	4.0
Kagawa	8	3	64	22	8.9	3.1
Ehime	9	2	71	28	7.1	2.8
Kochi	2	0	34	11	6.5	2.1
Fukuoka	44	8	394	123	10.3	3.2
Saga	5	1	45	15	7.4	2.5
Nagasaki	14	4	121	27	12.2	2.7
Kumamoto	16	3	101	33	7.7	2.5
Oita	18	9	84	39	9.9	4.6
Miyazaki	5	2	62	16	7.7	2.0
Kagoshima	9	4	95	33	7.9	2.7
Okinawa	14	7	129	33	11.8	3.0

Rate: summation / (population*9/12)*100,000

Population: as of 1st Oct. 2019

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

	Sep.		Summation (Jan.-Sep.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	309	102	2,866	987	10.2	3.5
Sapporo City	15	5	78	32	5.3	2.2
Sendai City	10	2	68	18	8.3	2.2
Saitama City	8	3	78	23	7.9	2.3
Chiba City	3	1	73	26	10.0	3.5
Yokohama City	25	8	244	79	8.7	2.8
Kawasaki City	22	7	109	35	9.5	3.0
Sagamihara City	3	1	29	11	5.3	2.0
Niigata City	0	0	27	10	4.5	1.7
Shizuoka City	5	2	49	15	9.3	2.9
Hamamatsu City	9	3	56	15	9.4	2.5
Nagoya City	21	4	243	78	13.9	4.5
Kyoto City	12	3	118	37	10.7	3.4
Osaka City	17	7	344	126	16.7	6.1
Sakai City	10	7	88	32	14.2	5.2
Kobe City	23	7	152	62	13.3	5.4
Okayama City	13	4	60	9	11.3	1.7
Hiroshima City	2	0	45	20	5.0	2.2
Kitakyushu City	11	3	94	27	13.3	3.8
Fukuoka City	10	4	99	31	8.3	2.6
Kumamoto City	6	1	36	10	6.5	1.8
23-ku area of Tokyo	84	30	776	291	10.7	4.0

Rate: summation / (population*9/12)*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

	Sep.			Summation (Jan.-Sep.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	308	153	155	3,460	1,721	1,739	0.4	0.4	0.5
0~4	18	10	8	185	91	94	13.2	18.2	10.4
5~9	1	0	1	25	14	11	12.5	7.0	-
10~14	1	1	0	21	8	13	3.0	4.0	2.6
15~19	5	1	4	36	19	17	0.4	0.5	0.4
20~24	10	7	3	143	69	74	0.4	0.4	0.5
25~29	9	4	5	164	82	82	0.5	0.4	0.5
30~34	8	4	4	147	66	81	0.7	0.6	0.7
35~39	13	4	9	150	70	80	0.8	0.7	0.8
40~44	13	4	9	162	62	100	0.9	0.7	1.1
45~49	23	7	16	212	88	124	0.8	0.6	1.3
50~54	31	13	18	265	114	151	0.8	0.6	1.2
55~59	18	8	10	206	84	122	0.7	0.4	1.5
60~64	24	10	14	219	100	119	0.7	0.4	1.4
65~69	16	10	6	268	158	110	0.6	0.5	0.8
70~74	41	26	15	409	258	151	0.6	0.5	0.7
75~79	29	18	11	337	206	131	0.4	0.4	0.5
80~84	29	20	9	258	129	129	0.2	0.2	0.3
85~89	14	6	8	181	84	97	0.1	0.1	0.2
90~	5	0	5	72	19	53	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

	Sep.	Summation (Jan.-Sep.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	308	3,460	0.43
Hokkaido	16	141	0.75
Aomori	3	44	0.51
Iwate	0	34	0.92
Miyagi	5	45	0.42
Akita	1	17	0.45
Yamagata	1	19	0.51
Fukushima	2	20	0.29
Ibaraki	9	89	0.58
Tochigi	1	24	0.25
Gunma	7	43	0.54
Saitama	24	184	0.41
Chiba	14	197	0.49
Tokyo	45	466	0.45
Kanagawa	12	244	0.44
Niigata	5	39	0.48
Toyama	6	41	0.71
Ishikawa	1	30	0.43
Fukui	0	11	0.42
Yamanashi	0	12	0.67
Nagano	2	31	0.54
Gifu	3	56	0.38
Shizuoka	7	71	0.34
Aichi	26	240	0.41
Mie	2	26	0.24
Shiga	5	40	0.46
Kyoto	5	97	0.55
Osaka	23	301	0.36
Hyogo	17	149	0.34
Nara	3	32	0.34
Wakayama	0	34	0.63
Tottori	2	6	0.21
Shimane	0	4	0.16
Okayama	2	39	0.33
Hiroshima	9	63	0.44
Yamaguchi	3	25	0.29
Tokushima	1	25	0.38
Kagawa	2	26	0.41
Ehime	0	15	0.21
Kochi	1	8	0.24
Fukuoka	14	194	0.49
Saga	1	27	0.60
Nagasaki	2	23	0.19
Kumamoto	5	35	0.35
Oita	8	43	0.51
Miyazaki	3	20	0.32
Kagoshima	5	50	0.53
Okinawa	5	80	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, 2021

	Sep.	Summation (Jan.-Sep.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	118	1,277	0.45
Sapporo City	9	79	1.01
Sendai City	2	24	0.35
Saitama City	4	23	0.29
Chiba City	5	28	0.38
Yokohama City	4	78	0.32
Kawasaki City	3	70	0.64
Sagamihara City	2	23	0.79
Niigata City	0	14	0.52
Shizuoka City	2	17	0.35
Hamamatsu City	3	21	0.38
Nagoya City	13	111	0.46
Kyoto City	3	64	0.54
Osaka City	8	136	0.40
Sakai City	3	27	0.31
Kobe City	6	54	0.36
Okayama City	2	21	0.35
Hiroshima City	1	11	0.24
Kitakyushu City	1	36	0.38
Fukuoka City	7	62	0.63
Kumamoto City	3	16	0.44
23-ku area of Tokyo	37	362	0.47

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