



Monthly Report of Tuberculosis Surveillance, Japan - August, 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

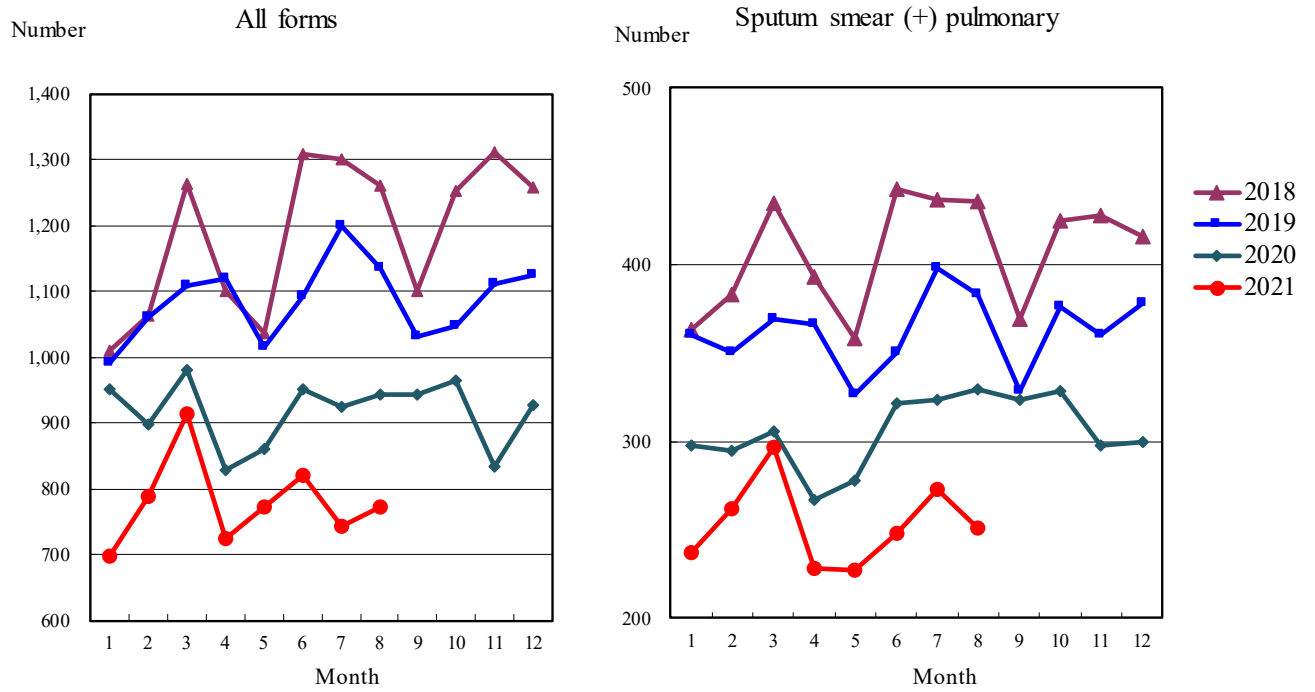


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Aug.) 2021

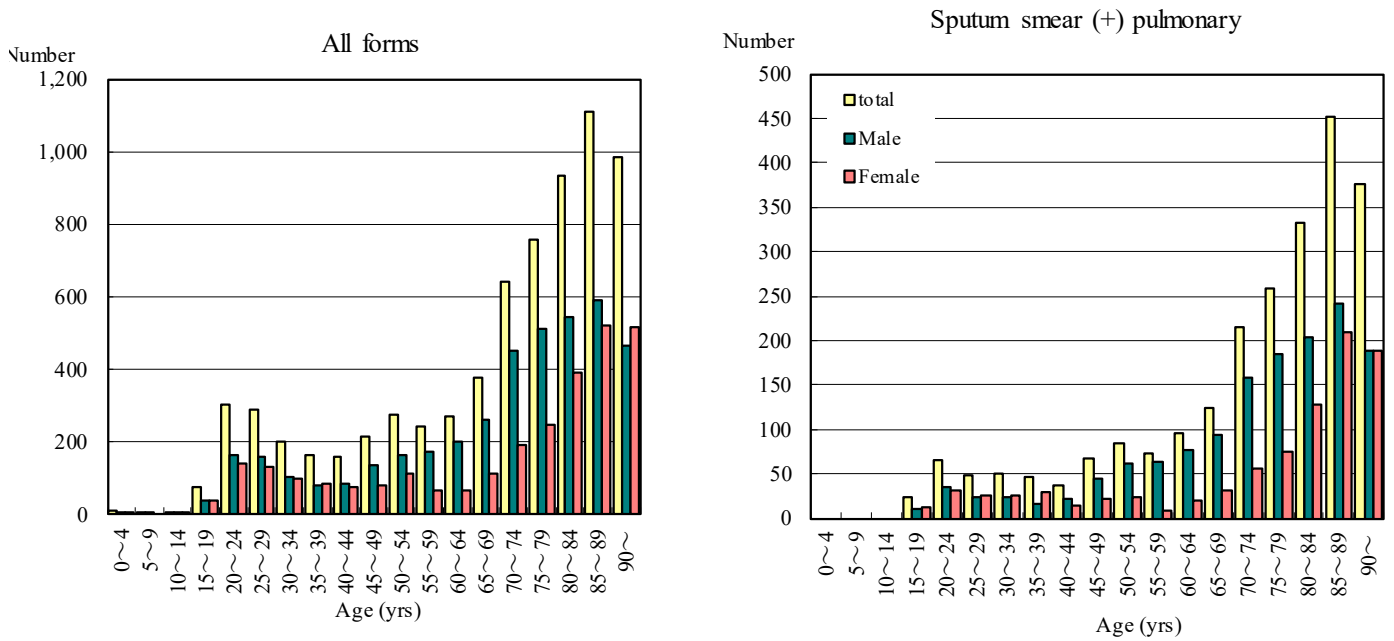


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Aug.) 2021

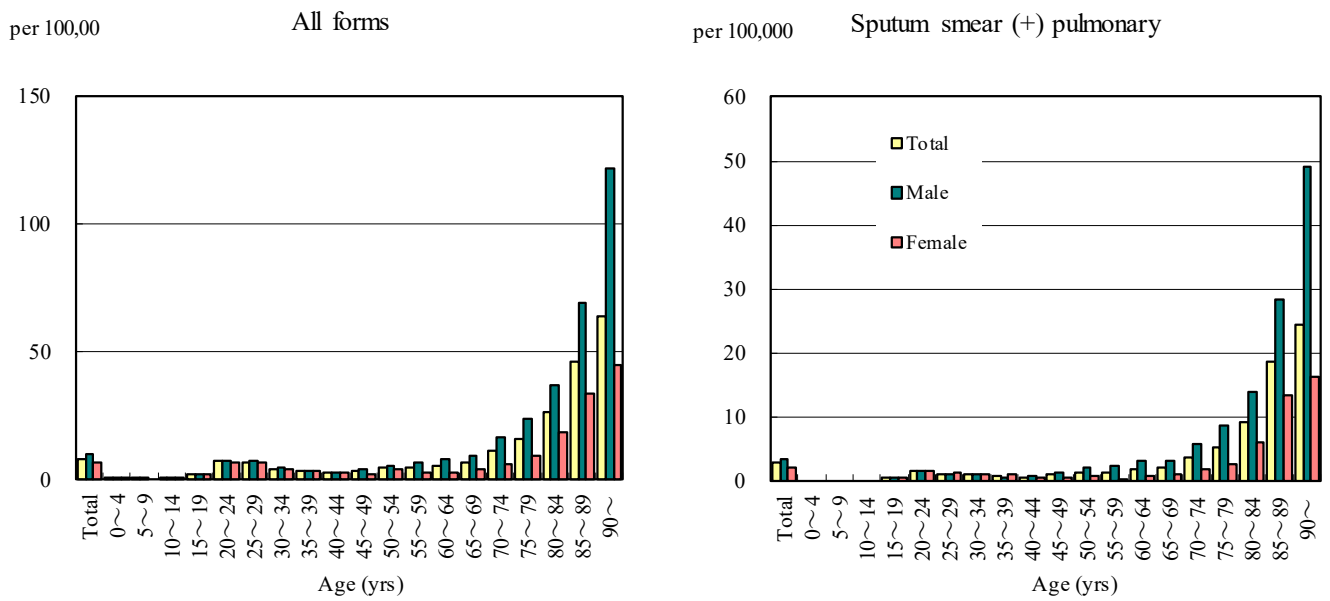


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Aug.) 2021

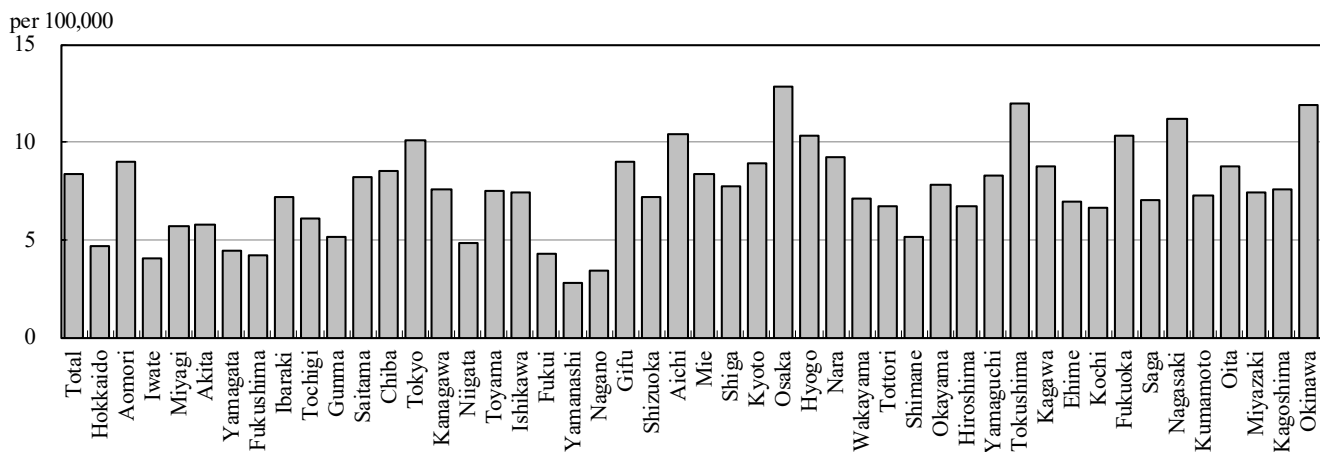


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Aug.) 2021

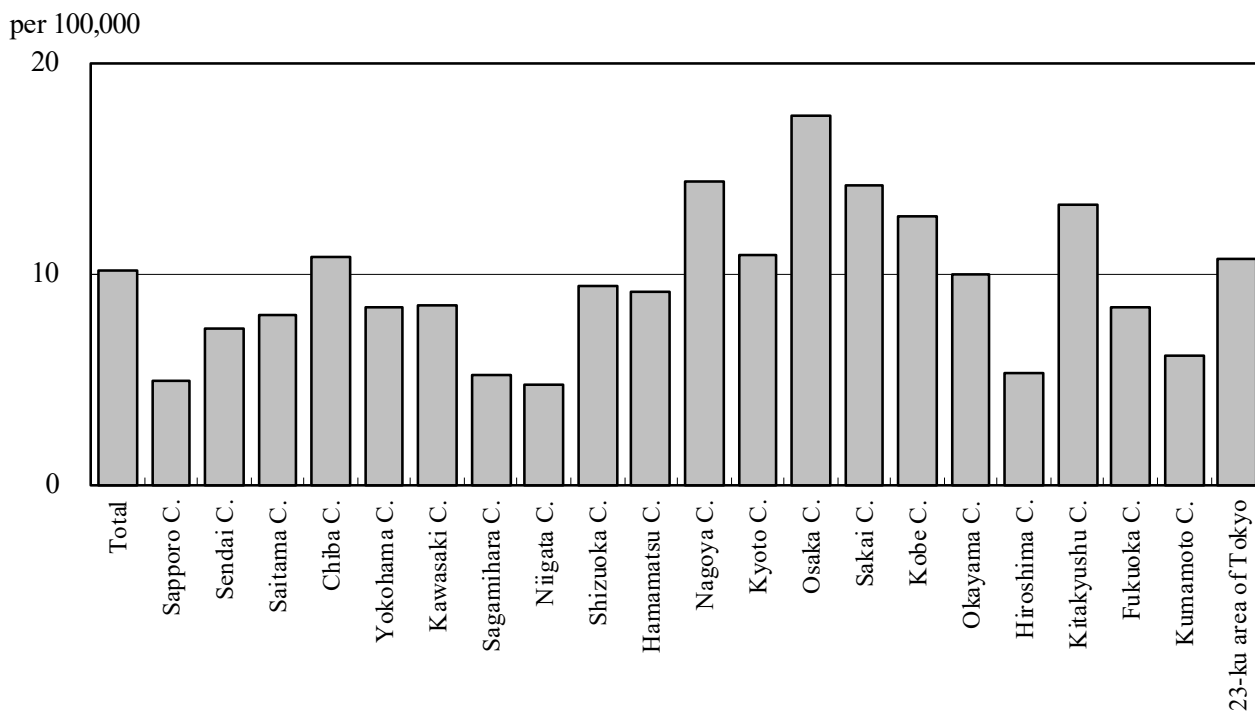


Figure 6. Number of LTBI, Japan, 2018-2021

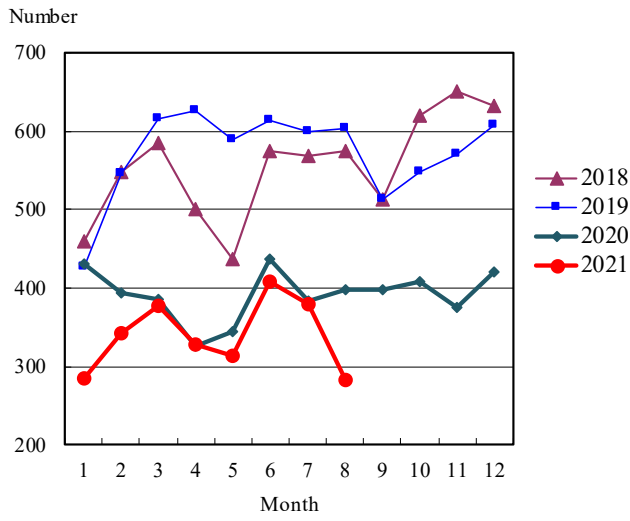


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Aug.) 2021

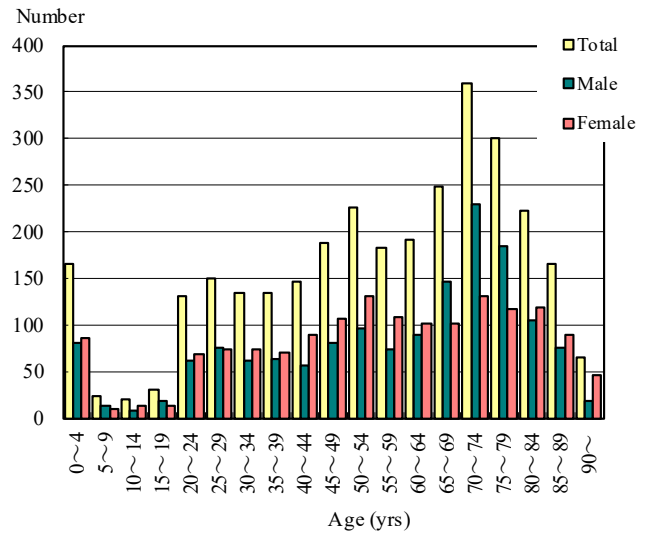


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	771	463	308	7,022	4,137	2,885	8.3	10.1	6.7
0~4	2	2	0	11	5	6	0.3	0.3	0.4
5~9	1	1	0	1	1	0	0.0	0.1	0.0
10~14	2	1	1	6	2	4	0.2	0.1	0.2
15~19	6	2	4	76	38	38	2.0	1.9	2.0
20~24	23	11	12	304	163	141	7.1	7.4	6.8
25~29	32	16	16	289	159	130	6.9	7.4	6.4
30~34	21	13	8	201	104	97	4.5	4.5	4.4
35~39	15	8	7	165	81	84	3.3	3.2	3.4
40~44	22	10	12	161	85	76	2.8	2.9	2.7
45~49	16	9	7	215	135	80	3.3	4.1	2.5
50~54	37	24	13	274	163	111	4.8	5.7	3.9
55~59	33	25	8	243	175	68	4.7	6.8	2.6
60~64	36	28	8	270	202	68	5.4	8.2	2.7
65~69	42	35	7	376	261	115	6.5	9.3	3.8
70~74	78	54	24	643	453	190	11.1	16.6	6.2
75~79	91	63	28	756	510	246	15.7	23.6	9.2
80~84	97	55	42	936	544	392	26.3	37.1	18.8
85~89	114	63	51	1,112	589	523	46.2	69.4	33.6
90~	103	43	60	983	467	516	63.9	121.3	44.7

Temporary registrants = 64, Total of registrants and temporary registrants = 835

Rate: summation / (population*8/12)*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

	Aug.			Summation (Jan.-Aug.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	251	156	95	2,351	1,451	900	2.8	3.5	2.1
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	3	0	3	24	11	13	0.6	0.6	0.7
20~24	3	2	1	66	35	31	1.5	1.6	1.5
25~29	8	4	4	49	24	25	1.2	1.1	1.2
30~34	6	2	4	50	24	26	1.1	1.0	1.2
35~39	5	1	4	47	17	30	0.9	0.7	1.2
40~44	2	0	2	37	22	15	0.6	0.7	0.5
45~49	6	4	2	67	45	22	1.0	1.4	0.7
50~54	13	12	1	84	61	23	1.5	2.1	0.8
55~59	12	10	2	73	64	9	1.4	2.5	0.3
60~64	16	14	2	96	77	19	1.9	3.1	0.7
65~69	17	16	1	124	93	31	2.1	3.3	1.0
70~74	22	16	6	215	159	56	3.7	5.8	1.8
75~79	30	19	11	259	185	74	5.4	8.6	2.8
80~84	28	17	11	332	204	128	9.3	13.9	6.1
85~89	42	23	19	451	241	210	18.7	28.4	13.5
90~	38	16	22	377	189	188	24.5	49.1	16.3

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2019

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

	Aug.		Summation (Jan.-Aug.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	771	251	7,022	2,351	8.3	2.8
Hokkaido	15	4	163	61	4.7	1.7
Aomori	11	5	75	29	9.0	3.5
Iwate	0	0	33	18	4.0	2.2
Miyagi	11	3	87	30	5.7	2.0
Akita	8	3	37	18	5.7	2.8
Yamagata	1	0	32	14	4.5	1.9
Fukushima	6	0	52	17	4.2	1.4
Ibaraki	12	4	137	40	7.2	2.1
Tochigi	5	2	78	26	6.0	2.0
Gunma	3	0	67	14	5.2	1.1
Saitama	48	13	404	125	8.2	2.6
Chiba	35	11	355	104	8.5	2.5
Tokyo	104	31	933	346	10.1	3.7
Kanagawa	60	20	467	146	7.6	2.4
Niigata	1	1	72	26	4.9	1.8
Toyama	5	1	52	18	7.5	2.6
Ishikawa	4	1	56	16	7.4	2.1
Fukui	5	0	22	4	4.3	0.8
Yamanashi	2	0	15	2	2.8	0.4
Nagano	5	1	47	15	3.4	1.1
Gifu	12	5	119	43	9.0	3.2
Shizuoka	15	6	174	58	7.2	2.4
Aichi	48	15	523	158	10.4	3.1
Mie	8	4	99	39	8.3	3.3
Shiga	10	0	73	15	7.7	1.6
Kyoto	19	5	153	49	8.9	2.8
Osaka	85	36	752	279	12.8	4.8
Hyogo	55	22	377	149	10.3	4.1
Nara	7	5	82	32	9.2	3.6
Wakayama	7	3	44	15	7.1	2.4
Tottori	2	2	25	8	6.7	2.2
Shimane	5	0	23	5	5.1	1.1
Okayama	10	2	98	25	7.8	2.0
Hiroshima	12	4	125	45	6.7	2.4
Yamaguchi	13	3	75	15	8.3	1.7
Tokushima	6	1	58	19	12.0	3.9
Kagawa	7	3	56	19	8.8	3.0
Ehime	8	2	62	27	6.9	3.0
Kochi	3	1	31	10	6.7	2.1
Fukuoka	40	11	352	113	10.3	3.3
Saga	3	1	38	12	7.0	2.2
Nagasaki	13	3	99	21	11.2	2.4
Kumamoto	11	6	85	30	7.3	2.6
Oita	5	3	66	29	8.7	3.8
Miyazaki	3	1	53	13	7.4	1.8
Kagoshima	9	4	81	28	7.6	2.6
Okinawa	14	3	115	26	11.9	2.7

Rate: summation / (population*8/12)*100,000

Population: as of 1st Oct. 2019

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

	Aug.		Summation (Jan.-Aug.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	289	94	2,532	865	10.2	3.5
Sapporo City	8	2	64	27	4.9	2.1
Sendai City	9	2	54	16	7.4	2.2
Saitama City	8	2	70	20	8.0	2.3
Chiba City	7	3	70	24	10.7	3.7
Yokohama City	22	9	209	68	8.4	2.7
Kawasaki City	13	5	87	28	8.5	2.7
Sagamihara City	5	2	25	10	5.2	2.1
Niigata City	0	0	25	9	4.7	1.7
Shizuoka City	6	2	44	13	9.4	2.8
Hamamatsu City	7	3	48	11	9.1	2.1
Nagoya City	28	9	223	74	14.4	4.8
Kyoto City	14	4	106	34	10.8	3.5
Osaka City	21	8	320	114	17.5	6.2
Sakai City	10	3	78	25	14.1	4.5
Kobe City	23	8	129	55	12.7	5.4
Okayama City	7	2	47	5	9.9	1.1
Hiroshima City	3	2	42	19	5.3	2.4
Kitakyushu City	8	1	83	23	13.2	3.7
Fukuoka City	8	3	89	27	8.4	2.5
Kumamoto City	6	2	30	9	6.1	1.8
23-ku area of Tokyo	76	22	689	254	10.7	4.0

Rate: summation / (population*8/12)*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

	Aug.			Summation (Jan.-Aug.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	282	143	139	3,082	1,538	1,544	0.4	0.4	0.5
0~4	6	1	5	166	81	85	15.1	16.2	14.2
5~9	2	2	0	23	13	10	23.0	13.0	-
10~14	2	1	1	20	7	13	3.3	3.5	3.3
15~19	0	0	0	31	18	13	0.4	0.5	0.3
20~24	7	3	4	130	61	69	0.4	0.4	0.5
25~29	14	5	9	150	76	74	0.5	0.5	0.6
30~34	14	6	8	134	61	73	0.7	0.6	0.8
35~39	11	4	7	134	64	70	0.8	0.8	0.8
40~44	12	5	7	146	57	89	0.9	0.7	1.2
45~49	16	5	11	188	81	107	0.9	0.6	1.3
50~54	31	12	19	226	96	130	0.8	0.6	1.2
55~59	15	6	9	183	74	109	0.8	0.4	1.6
60~64	18	11	7	191	90	101	0.7	0.4	1.5
65~69	20	12	8	248	147	101	0.7	0.6	0.9
70~74	25	17	8	359	229	130	0.6	0.5	0.7
75~79	33	21	12	301	184	117	0.4	0.4	0.5
80~84	28	15	13	222	104	118	0.2	0.2	0.3
85~89	23	15	8	165	76	89	0.1	0.1	0.2
90~	5	2	3	65	19	46	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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI /new TB
Total	282	3,082	0.44
Hokkaido	15	122	0.75
Aomori	5	41	0.55
Iwate	2	35	1.06
Miyagi	3	39	0.45
Akita	3	16	0.43
Yamagata	2	17	0.53
Fukushima	1	18	0.35
Ibaraki	2	81	0.59
Tochigi	0	22	0.28
Gunma	2	34	0.51
Saitama	19	159	0.39
Chiba	14	181	0.51
Tokyo	32	417	0.45
Kanagawa	16	225	0.48
Niigata	3	31	0.43
Toyama	3	34	0.65
Ishikawa	0	27	0.48
Fukui	1	10	0.45
Yamanashi	0	12	0.80
Nagano	1	28	0.60
Gifu	5	50	0.42
Shizuoka	4	58	0.33
Aichi	16	207	0.40
Mie	3	24	0.24
Shiga	0	28	0.38
Kyoto	13	90	0.59
Osaka	26	277	0.37
Hyogo	26	132	0.35
Nara	0	29	0.35
Wakayama	1	33	0.75
Tottori	0	4	0.16
Shimane	1	4	0.17
Okayama	7	37	0.38
Hiroshima	0	47	0.38
Yamaguchi	1	21	0.28
Tokushima	7	24	0.41
Kagawa	2	24	0.43
Ehime	2	15	0.24
Kochi	2	7	0.23
Fukuoka	17	180	0.51
Saga	1	25	0.66
Nagasaki	3	18	0.18
Kumamoto	3	30	0.35
Oita	6	35	0.53
Miyazaki	0	16	0.30
Kagoshima	2	45	0.56
Okinawa	10	73	0.63

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

	Aug.	Summation (Jan.-Aug.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	117	1,148	0.45
Sapporo City	9	69	1.08
Sendai City	3	21	0.39
Saitama City	0	19	0.27
Chiba City	2	23	0.33
Yokohama City	5	69	0.33
Kawasaki City	7	66	0.76
Sagamihara City	1	21	0.84
Niigata City	0	12	0.48
Shizuoka City	0	15	0.34
Hamamatsu City	3	19	0.40
Nagoya City	12	98	0.44
Kyoto City	11	62	0.58
Osaka City	7	127	0.40
Sakai City	2	24	0.31
Kobe City	14	48	0.37
Okayama City	6	19	0.40
Hiroshima City	0	10	0.24
Kitakyushu City	5	35	0.42
Fukuoka City	3	55	0.62
Kumamoto City	2	13	0.43
23-ku area of Tokyo	25	323	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