



Monthly Report of Tuberculosis Surveillance, Japan - October, 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

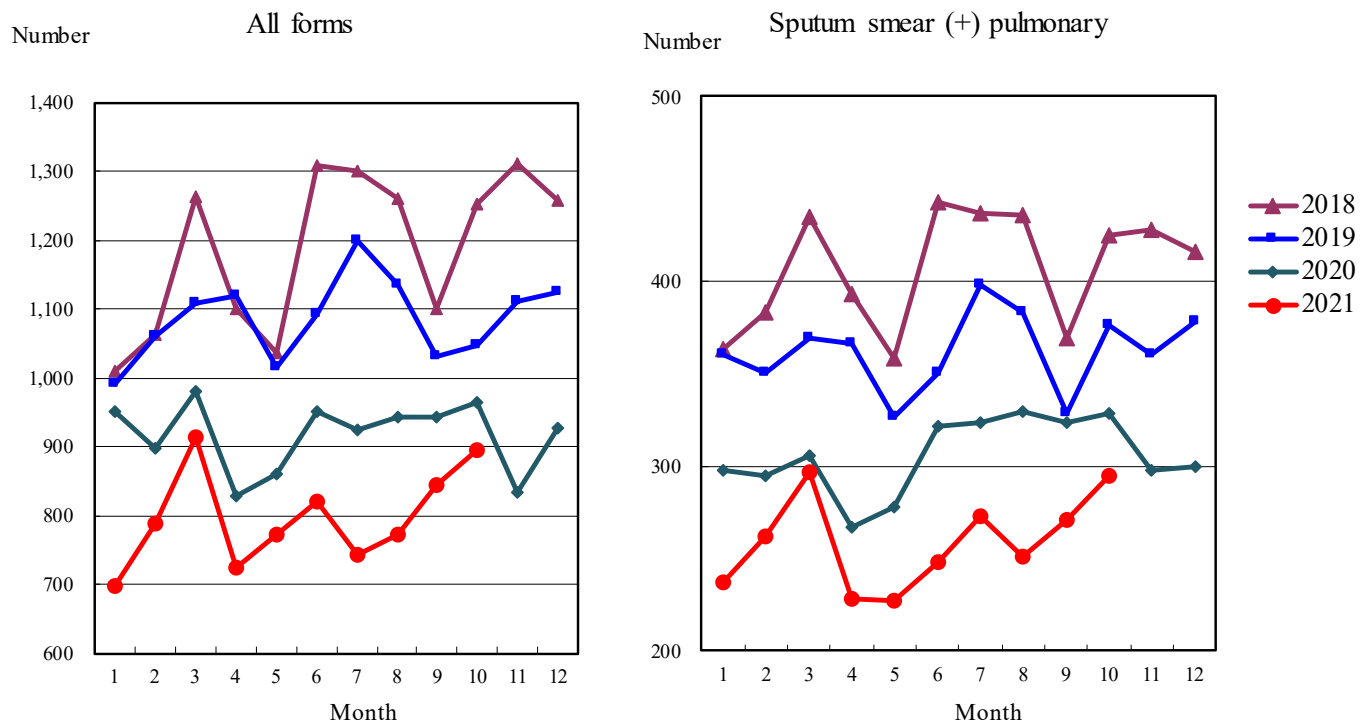


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Oct.) 2021

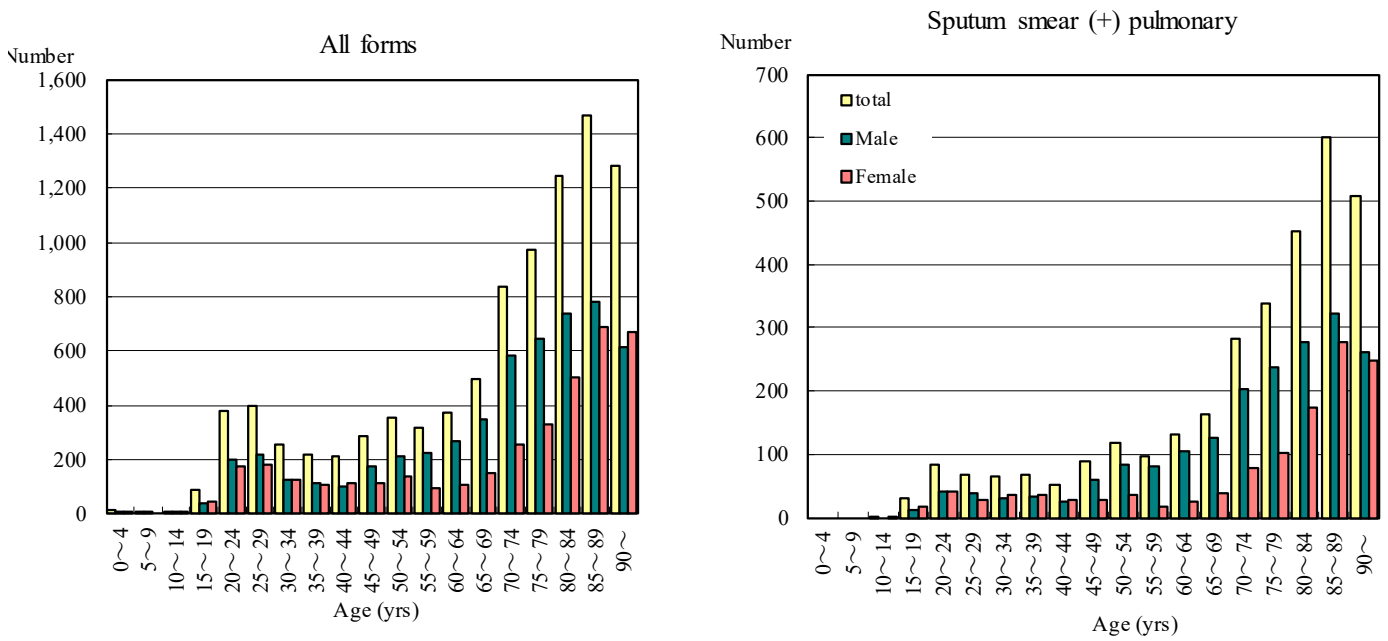


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Oct.) 2021

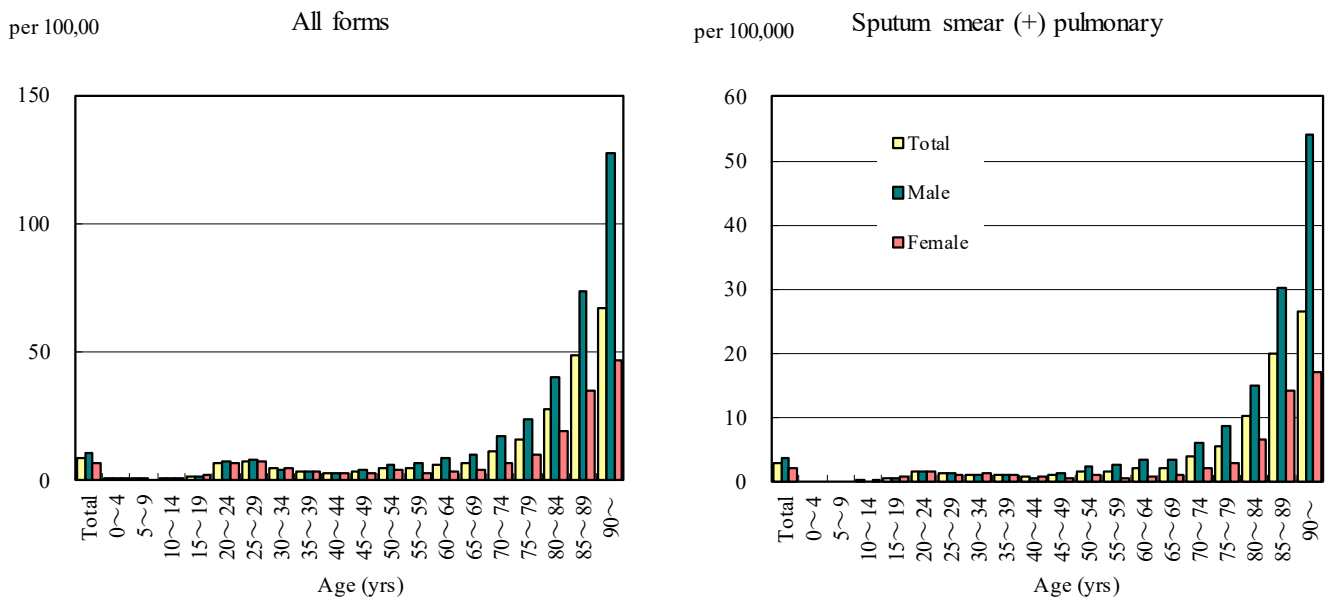


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Oct.) 2021

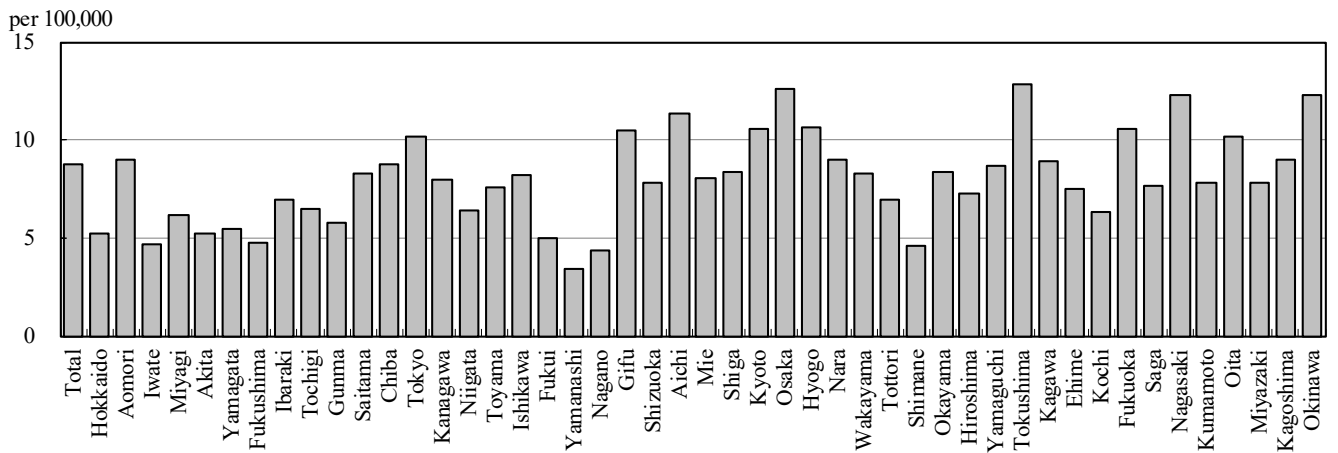


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Oct.) 2021

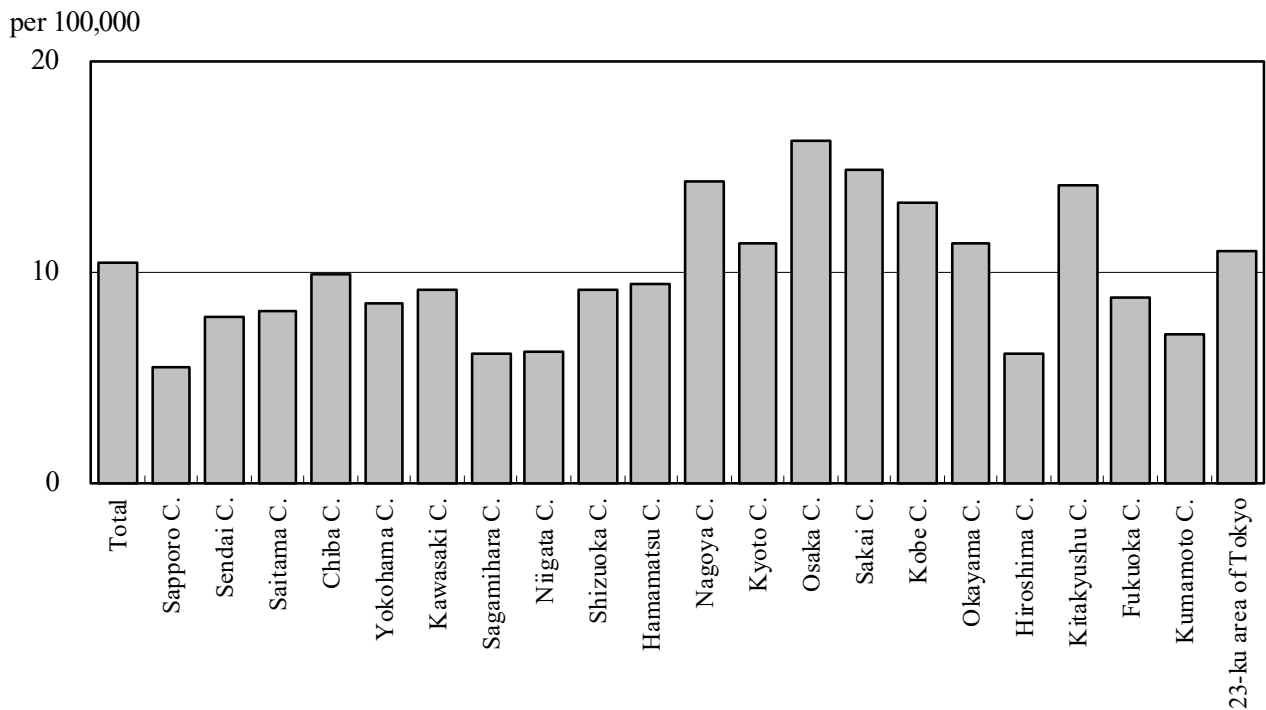


Figure 6. Number of LTBI, Japan, 2018-2021

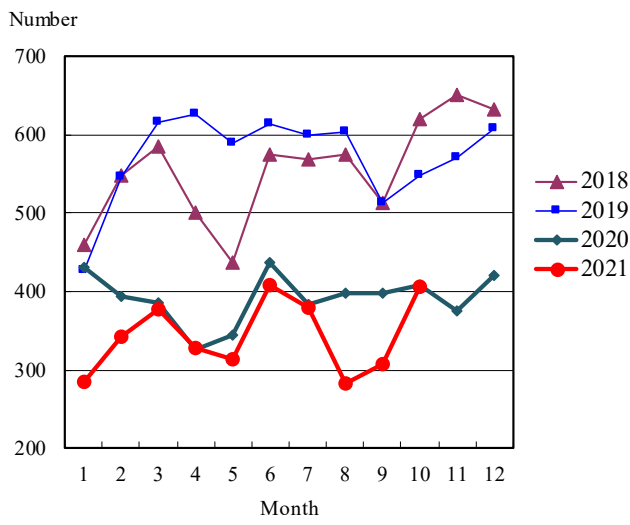


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Oct.) 2021

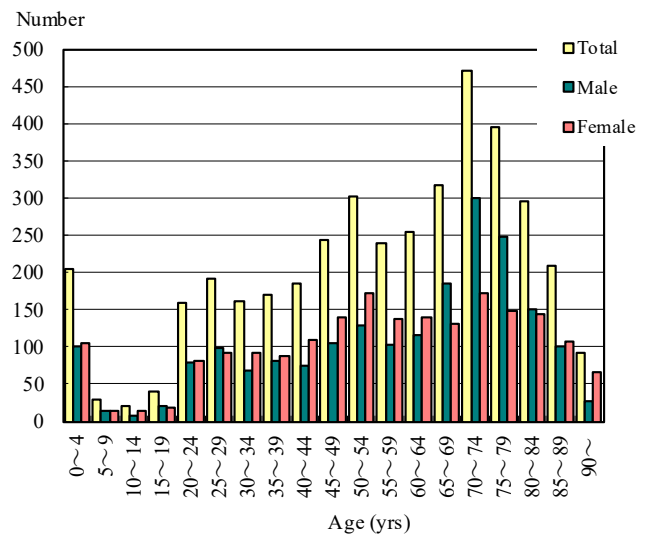


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2021

	Oct.			Summation (Jan.-Oct.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	894	525	369	9,221	5,398	3,823	8.8	10.5	7.1
0~4	1	0	1	12	3	9	0.3	0.1	0.5
5~9	0	0	0	2	2	0	0.0	0.1	0.0
10~14	0	0	0	9	3	6	0.2	0.1	0.3
15~19	5	3	2	87	42	45	1.8	1.7	1.9
20~24	25	10	15	377	199	178	7.1	7.2	6.9
25~29	44	27	17	399	217	182	7.7	8.1	7.2
30~34	18	9	9	254	126	128	4.5	4.4	4.6
35~39	18	12	6	221	115	106	3.5	3.6	3.4
40~44	27	10	17	211	99	112	2.9	2.7	3.1
45~49	30	13	17	289	174	115	3.5	4.2	2.8
50~54	30	20	10	355	215	140	5.0	6.0	3.9
55~59	33	21	12	319	222	97	5.0	6.9	3.0
60~64	42	27	15	373	266	107	5.9	8.6	3.4
65~69	50	37	13	499	349	150	6.9	9.9	4.0
70~74	83	53	30	839	583	256	11.6	17.1	6.7
75~79	94	61	33	975	647	328	16.2	24.0	9.8
80~84	128	75	53	1,245	739	506	28.0	40.3	19.4
85~89	145	87	58	1,470	784	686	48.8	73.9	35.2
90~	121	60	61	1,285	613	672	66.8	127.3	46.6

Temporary registrants = 47, Total of registrants and temporary registrants = 941

Rate: summation / (population*10/12)*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

	Oct.			Summation (Jan.-Oct.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	295	187	108	3,150	1,939	1,211	3.0	3.8	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	0	0	0	1	0	1	0.0	0.0	0.0
15~19	1	1	0	30	13	17	0.6	0.5	0.7
20~24	6	4	2	83	42	41	1.6	1.5	1.6
25~29	6	5	1	68	39	29	1.3	1.5	1.2
30~34	5	1	4	66	30	36	1.2	1.0	1.3
35~39	7	5	2	67	32	35	1.1	1.0	1.1
40~44	8	2	6	53	25	28	0.7	0.7	0.8
45~49	8	5	3	89	61	28	1.1	1.5	0.7
50~54	10	6	4	119	83	36	1.7	2.3	1.0
55~59	9	7	2	98	82	16	1.5	2.6	0.5
60~64	13	11	2	131	106	25	2.1	3.4	0.8
65~69	14	12	2	163	125	38	2.2	3.6	1.0
70~74	28	19	9	282	203	79	3.9	5.9	2.1
75~79	35	25	10	339	238	101	5.6	8.8	3.0
80~84	42	25	17	452	277	175	10.2	15.1	6.7
85~89	56	34	22	600	322	278	19.9	30.3	14.3
90~	47	25	22	509	261	248	26.4	54.2	17.2

Rate: summation / (population*10/12)*100,000

Population: as of 1st Oct. 2019

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

	Oct.		Summation (Jan.-Oct.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	894	295	9,221	3,150	8.8	3.0
Hokkaido	26	11	227	87	5.2	2.0
Aomori	5	3	93	36	9.0	3.5
Iwate	8	3	48	24	4.7	2.3
Miyagi	10	2	118	39	6.1	2.0
Akita	4	2	42	23	5.2	2.9
Yamagata	3	2	49	20	5.5	2.2
Fukushima	4	1	73	23	4.7	1.5
Ibaraki	12	4	166	54	7.0	2.3
Tochigi	6	4	105	40	6.5	2.5
Gunma	11	4	94	22	5.8	1.4
Saitama	52	17	509	164	8.3	2.7
Chiba	44	9	458	136	8.8	2.6
Tokyo	123	34	1,179	442	10.2	3.8
Kanagawa	56	21	612	201	8.0	2.6
Niigata	9	4	118	48	6.4	2.6
Toyama	8	4	66	25	7.6	2.9
Ishikawa	8	2	78	24	8.2	2.5
Fukui	4	1	32	8	5.0	1.3
Yamanashi	0	0	23	6	3.4	0.9
Nagano	7	3	74	25	4.3	1.5
Gifu	22	6	173	57	10.5	3.4
Shizuoka	23	7	237	81	7.8	2.7
Aichi	68	19	714	204	11.3	3.2
Mie	11	4	120	45	8.1	3.0
Shiga	8	3	99	22	8.4	1.9
Kyoto	27	11	227	78	10.5	3.6
Osaka	79	28	925	360	12.6	4.9
Hyogo	42	12	484	175	10.6	3.8
Nara	8	2	100	36	9.0	3.2
Wakayama	8	4	64	28	8.3	3.6
Tottori	3	0	32	11	6.9	2.4
Shimane	1	0	26	5	4.6	0.9
Okayama	14	4	132	37	8.4	2.3
Hiroshima	15	5	169	63	7.2	2.7
Yamaguchi	8	4	98	25	8.7	2.2
Tokushima	11	3	78	26	12.9	4.3
Kagawa	7	1	71	24	8.9	3.0
Ehime	10	6	84	36	7.5	3.2
Kochi	2	1	37	13	6.4	2.2
Fukuoka	53	19	450	145	10.6	3.4
Saga	3	2	52	18	7.7	2.7
Nagasaki	13	4	136	33	12.3	3.0
Kumamoto	10	4	114	37	7.8	2.5
Oita	12	5	96	44	10.1	4.7
Miyazaki	5	2	70	18	7.8	2.0
Kagoshima	13	4	120	44	9.0	3.3
Okinawa	18	4	149	38	12.3	3.1

Rate: summation / (population*10/12)*100,000

Population: as of 1st Oct. 2019

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

	Oct.		Summation (Jan.-Oct.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	320	114	3,237	1,131	10.4	3.6
Sapporo City	11	7	90	39	5.5	2.4
Sendai City	3	0	71	18	7.8	2.0
Saitama City	12	5	89	27	8.1	2.5
Chiba City	7	1	80	27	9.8	3.3
Yokohama City	20	10	266	92	8.5	2.9
Kawasaki City	6	2	116	39	9.1	3.1
Sagamihara City	7	3	37	15	6.1	2.5
Niigata City	2	1	41	17	6.2	2.6
Shizuoka City	4	2	53	17	9.1	2.9
Hamamatsu City	6	1	62	16	9.4	2.4
Nagoya City	31	7	277	86	14.3	4.4
Kyoto City	20	10	138	47	11.3	3.8
Osaka City	15	8	370	140	16.2	6.1
Sakai City	14	8	102	40	14.8	5.8
Kobe City	17	3	168	64	13.2	5.0
Okayama City	7	2	67	12	11.3	2.0
Hiroshima City	7	3	61	24	6.1	2.4
Kitakyushu City	15	6	110	33	14.0	4.2
Fukuoka City	17	5	116	36	8.7	2.7
Kumamoto City	7	3	43	13	7.0	2.1
23-ku area of Tokyo	92	27	880	329	11.0	4.1

Rate: summation / (population*10/12)*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

	Oct.			Summation (Jan.-Oct.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	405	227	178	3,981	2,010	1,971	0.4	0.4	0.5
0~4	12	8	4	205	101	104	17.1	33.7	11.6
5~9	3	0	3	29	15	14	14.5	7.5	-
10~14	0	0	0	21	8	13	2.3	2.7	2.2
15~19	1	0	1	39	21	18	0.4	0.5	0.4
20~24	12	8	4	160	78	82	0.4	0.4	0.5
25~29	21	15	6	192	99	93	0.5	0.5	0.5
30~34	12	2	10	162	69	93	0.6	0.5	0.7
35~39	16	11	5	170	82	88	0.8	0.7	0.8
40~44	17	12	5	184	75	109	0.9	0.8	1.0
45~49	24	11	13	244	104	140	0.8	0.6	1.2
50~54	25	9	16	302	129	173	0.9	0.6	1.2
55~59	26	14	12	240	103	137	0.8	0.5	1.4
60~64	22	8	14	254	115	139	0.7	0.4	1.3
65~69	41	22	19	317	186	131	0.6	0.5	0.9
70~74	49	31	18	471	299	172	0.6	0.5	0.7
75~79	50	36	14	395	247	148	0.4	0.4	0.5
80~84	29	16	13	296	151	145	0.2	0.2	0.3
85~89	26	17	9	208	101	107	0.1	0.1	0.2
90~	19	7	12	92	27	65	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

	Oct.	Summation (Jan.-Oct.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	405	3,981	0.43
Hokkaido	24	174	0.77
Aomori	4	50	0.54
Iwate	5	44	0.92
Miyagi	4	50	0.42
Akita	1	18	0.43
Yamagata	1	21	0.43
Fukushima	0	20	0.27
Ibaraki	10	101	0.61
Tochigi	0	25	0.24
Gunma	2	46	0.49
Saitama	23	209	0.41
Chiba	24	236	0.52
Tokyo	71	545	0.46
Kanagawa	30	279	0.46
Niigata	9	63	0.53
Toyama	8	49	0.74
Ishikawa	1	31	0.40
Fukui	3	14	0.44
Yamanashi	1	14	0.61
Nagano	4	40	0.54
Gifu	4	62	0.36
Shizuoka	6	78	0.33
Aichi	23	279	0.39
Mie	1	28	0.23
Shiga	2	42	0.42
Kyoto	7	110	0.48
Osaka	26	328	0.35
Hyogo	18	162	0.33
Nara	3	34	0.34
Wakayama	5	40	0.63
Tottori	5	11	0.34
Shimane	1	5	0.19
Okayama	1	40	0.30
Hiroshima	9	77	0.46
Yamaguchi	4	31	0.32
Tokushima	3	28	0.36
Kagawa	1	26	0.37
Ehime	0	15	0.18
Kochi	1	10	0.27
Fukuoka	34	231	0.51
Saga	2	30	0.58
Nagasaki	2	27	0.20
Kumamoto	1	37	0.32
Oita	6	49	0.51
Miyazaki	4	26	0.37
Kagoshima	4	60	0.50
Okinawa	7	86	0.58

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

	Oct.	Summation (Jan.-Oct.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	152	1,449	0.45
Sapporo City	12	93	1.03
Sendai City	2	26	0.37
Saitama City	2	25	0.28
Chiba City	3	31	0.39
Yokohama City	12	93	0.35
Kawasaki City	5	75	0.65
Sagamihara City	4	27	0.73
Niigata City	3	24	0.59
Shizuoka City	1	18	0.34
Hamamatsu City	1	22	0.35
Nagoya City	11	121	0.44
Kyoto City	6	70	0.51
Osaka City	3	140	0.38
Sakai City	6	33	0.32
Kobe City	7	56	0.33
Okayama City	0	21	0.31
Hiroshima City	3	18	0.30
Kitakyushu City	9	45	0.41
Fukuoka City	7	70	0.60
Kumamoto City	1	17	0.40
23-ku area of Tokyo	54	424	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