Monthly Report of Tuberculosis Surveillance, Japan - November, 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.

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

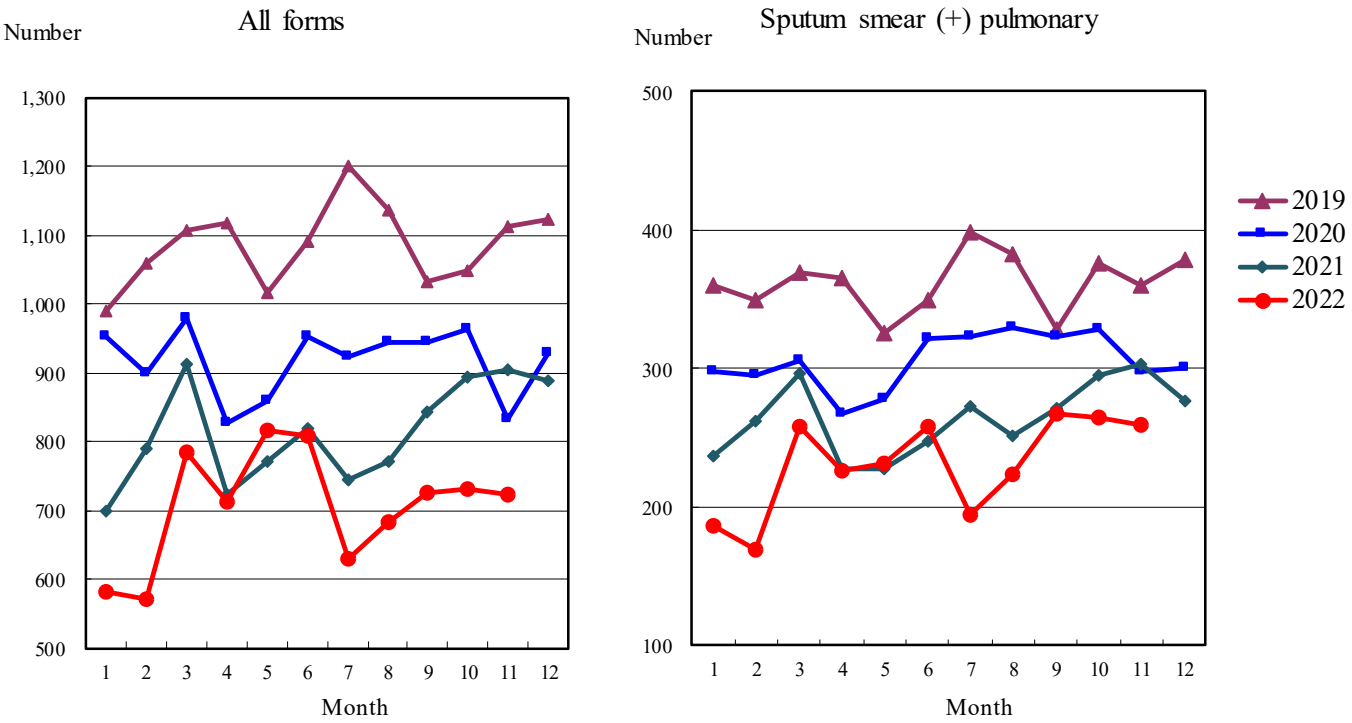

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Nov.) 2022

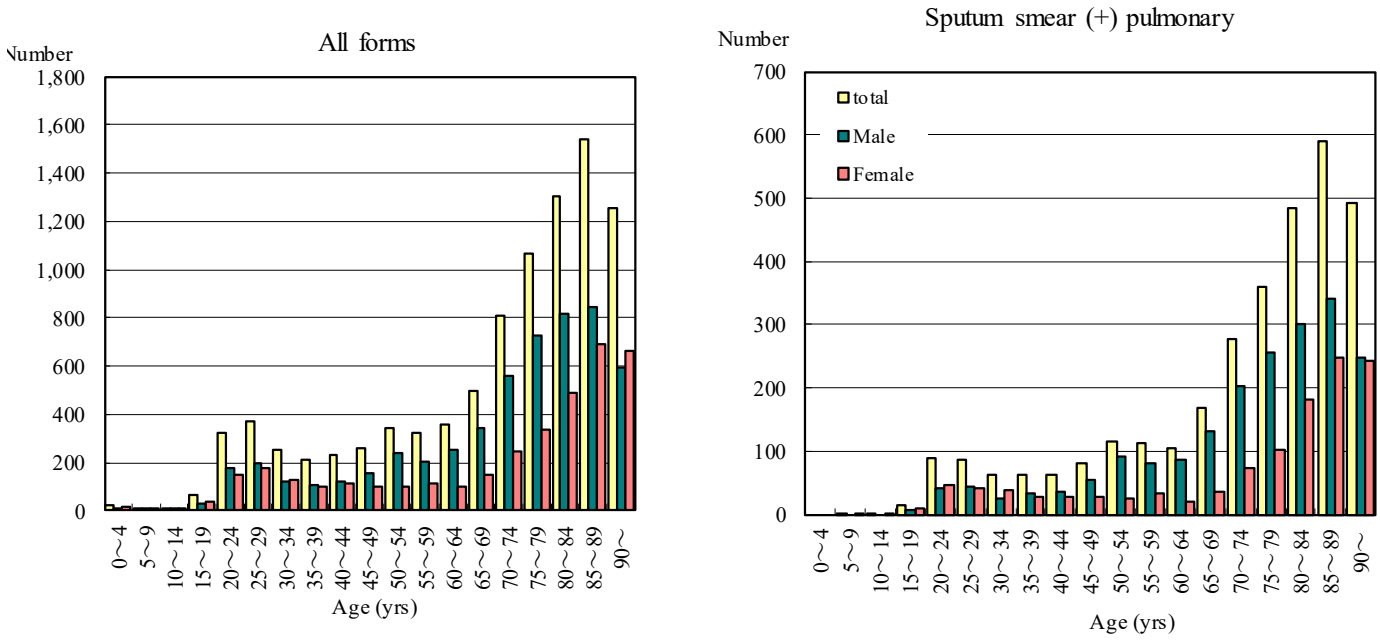

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Nov.) 2022

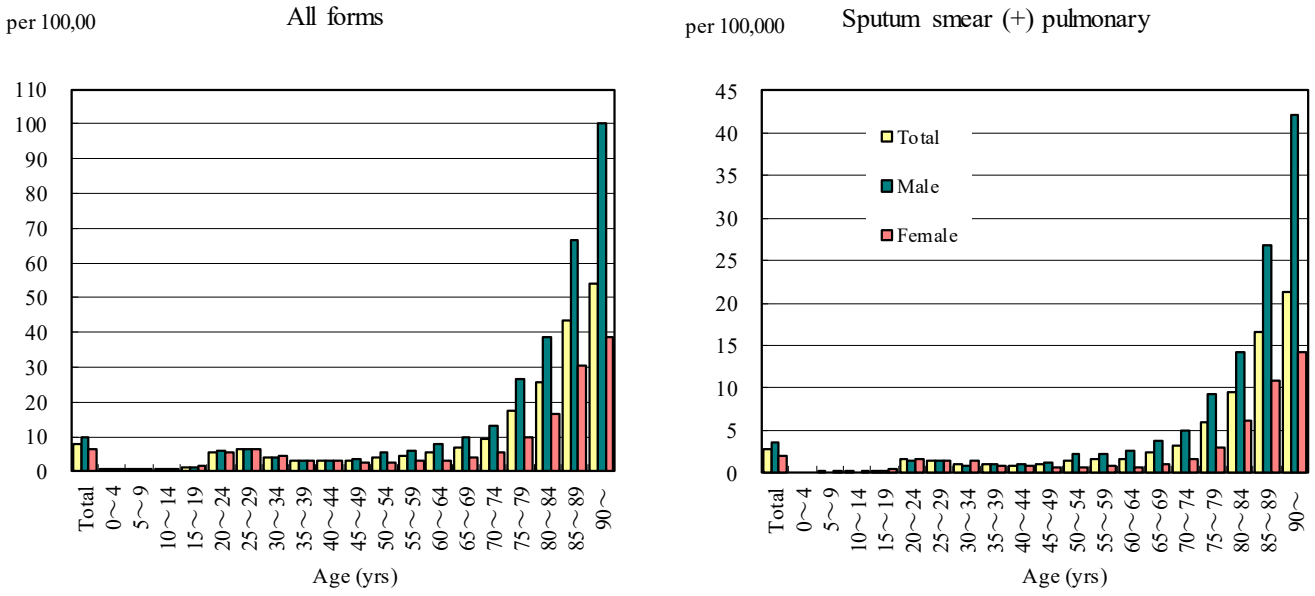

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Nov.) 2022

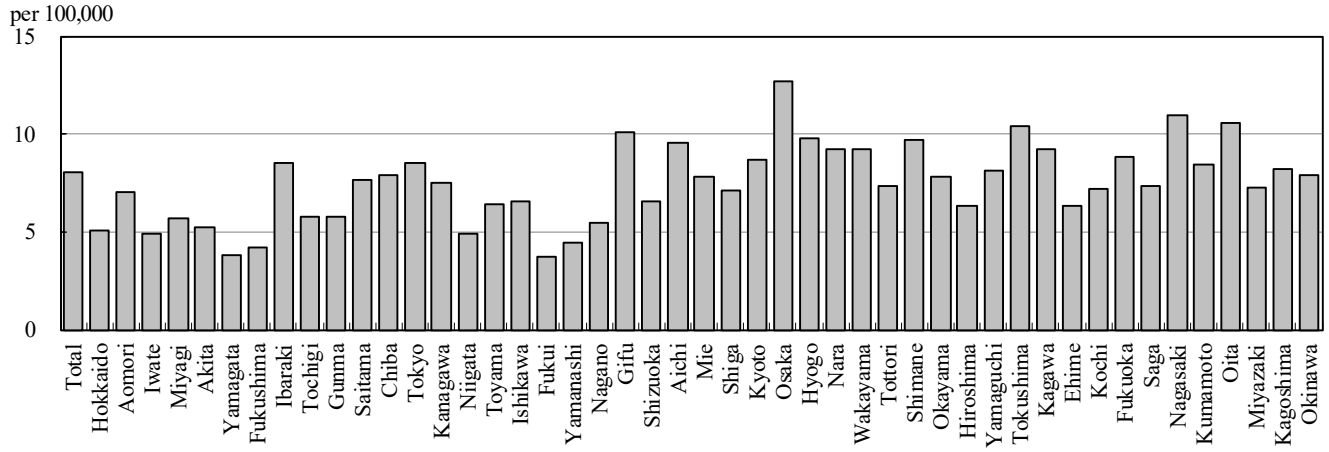

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Nov.) 2022

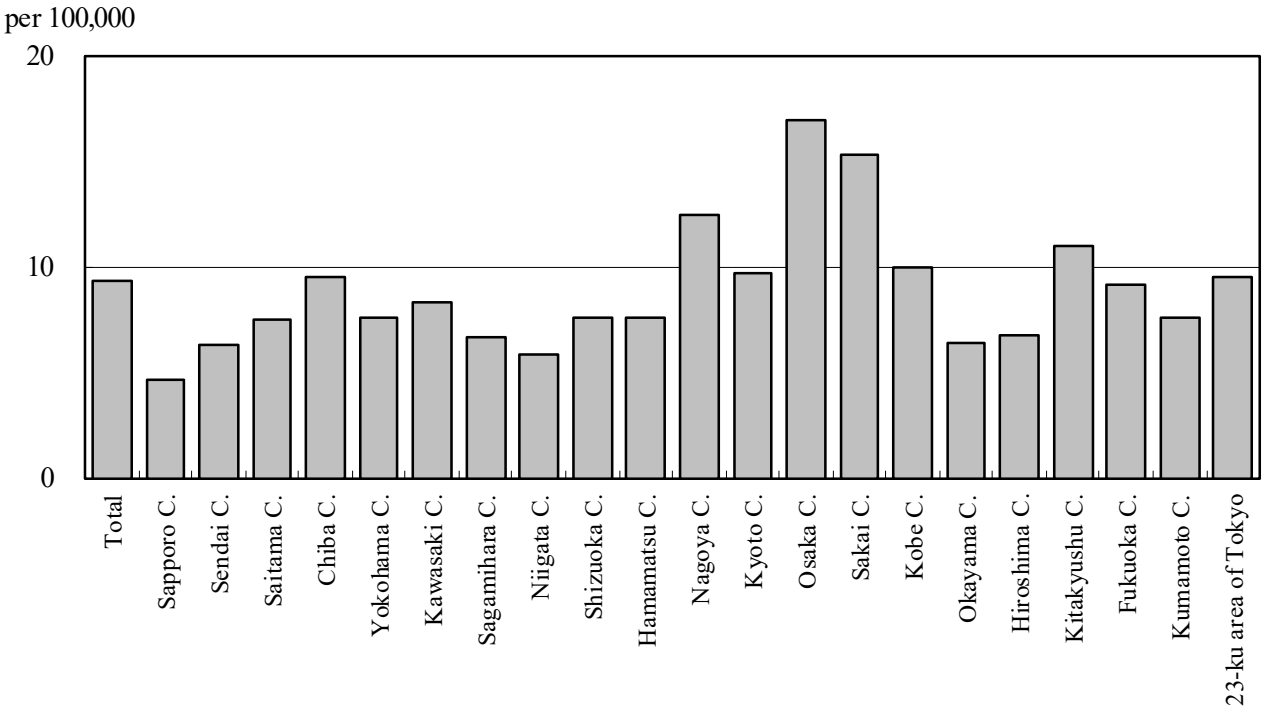

Figure 6.Number of LTBI, Japan, 2019-2022

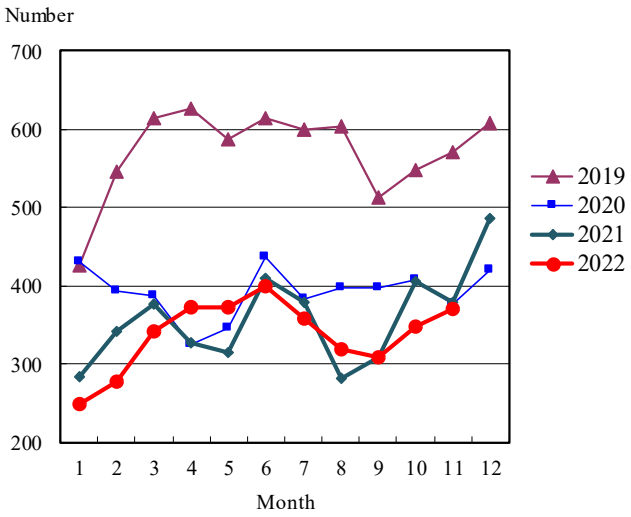

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Nov.) 2022

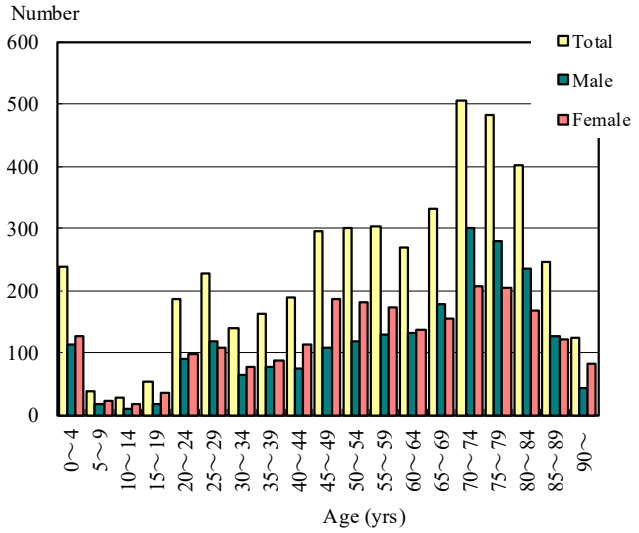

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2022

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	724	445	279	9,223	5,501	3,722	8.0	9.8	6.3
0～4	4	3	1	21	7	14	0.5	0.3	0.7
5～9	1	0	1	7	2	5	0.2	0.1	0.2
10～14	1	1	0	5	3	2	0.1	0.1	0.1
15～19	4	2	2	65	29	36	1.3	1.1	1.4
20～24	25	13	12	323	174	149	5.6	5.9	5.3
25～29	33	21	12	371	195	176	6.3	6.5	6.2
30～34	23	15	8	250	123	127	4.2	4.0	4.3
35～39	14	6	8	210	109	101	3.1	3.2	3.0
40～44	17	9	8	233	123	110	3.1	3.2	3.0
45～49	20	16	4	260	157	103	2.9	3.5	2.3
50～54	22	15	7	340	240	100	4.0	5.6	2.4
55～59	25	19	6	319	207	112	4.4	5.8	3.1
60～64	28	19	9	359	256	103	5.3	7.6	3.0
65～69	32	21	11	493	342	151	6.8	9.8	4.1
70～74	53	33	20	808	559	249	9.1	13.4	5.3
75～79	89	59	30	1,064	726	338	17.3	26.5	9.9
80～84	110	72	38	1,303	813	490	25.6	38.4	16.4
85～89	121	68	53	1,538	844	694	43.3	66.4	30.5
90～	102	53	49	1,254	592	662	54.1	100.1	38.4

Temporary registrants = 43, Total of registrants and temporary registrants = 767
Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2021

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

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	260	155	105	3,168	1,978	1,190	2.8	3.5	2.0
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	0.0
10～14	0	0	0	1	0	1	0.0	0.0	0.0
15～19	2	0	2	15	6	9	0.3	0.2	0.4
20～24	5	1	4	88	41	47	1.5	1.4	1.7
25～29	8	5	3	86	44	42	1.5	1.5	1.5
30～34	7	4	3	63	24	39	1.0	0.8	1.3
35～39	6	3	3	62	33	29	0.9	1.0	0.9
40～44	2	2	0	63	35	28	0.8	0.9	0.8
45～49	6	5	1	82	55	27	0.9	1.2	0.6
50～54	5	4	1	116	92	24	1.4	2.2	0.6
55～59	11	7	4	112	80	32	1.6	2.2	0.9
60～64	5	2	3	106	85	21	1.6	2.5	0.6
65～69	12	9	3	169	132	37	2.3	3.8	1.0
70～74	22	16	6	277	203	74	3.1	4.9	1.6
75～79	33	23	10	360	257	103	5.9	9.4	3.0
80～84	48	30	18	484	301	183	9.5	14.2	6.1
85～89	50	25	25	590	341	249	16.6	26.8	10.9
90～	38	19	19	493	249	244	21.3	42.1	14.1

Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2021

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

	Nov.		Summation (Jan.-Nov.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	724	260	9,223	3,168	8.0	2.8
Hokkaido	15	6	240	82	5.1	1.7
Aomori	2	0	79	31	7.1	2.8
Iwate	6	3	54	20	4.9	1.8
Miyagi	11	2	120	57	5.7	2.7
Akita	0	0	45	13	5.2	1.5
Yamagata	4	2	37	13	3.8	1.3
Fukushima	7	3	70	28	4.2	1.7
Ibaraki	17	4	222	68	8.5	2.6
Tochigi	3	1	101	40	5.7	2.3
Gunma	11	3	102	39	5.8	2.2
Saitama	43	19	513	196	7.6	2.9
Chiba	39	14	455	135	7.9	2.3
Tokyo	96	34	1,094	403	8.5	3.1
Kanagawa	57	19	633	195	7.5	2.3
Niigata	6	2	98	28	4.9	1.4
Toyama	6	3	60	21	6.4	2.2
Ishikawa	2	0	68	24	6.6	2.3
Fukui	1	0	26	6	3.7	0.9
Yamanashi	1	1	33	12	4.5	1.6
Nagano	4	3	101	33	5.4	1.8
Gifu	19	10	182	61	10.1	3.4
Shizuoka	17	6	216	74	6.5	2.2
Aichi	44	21	658	198	9.5	2.9
Mie	8	0	126	41	7.8	2.5
Shiga	5	1	92	19	7.1	1.5
Kyoto	12	7	204	69	8.7	2.9
Osaka	88	33	1,024	400	12.7	5.0
Hyogo	38	8	485	168	9.7	3.4
Nara	13	2	111	45	9.2	3.7
Wakayama	5	1	77	22	9.2	2.6
Tottori	2	0	37	11	7.4	2.2
Shimane	4	1	59	19	9.7	3.1
Okayama	8	5	135	46	7.8	2.7
Hiroshima	9	4	161	68	6.3	2.7
Yamaguchi	8	3	99	31	8.1	2.5
Tokushima	5	5	68	19	10.4	2.9
Kagawa	5	3	80	32	9.3	3.7
Ehime	3	1	77	36	6.4	3.0
Kochi	5	1	45	17	7.2	2.7
Fukuoka	42	8	414	124	8.8	2.6
Saga	5	1	54	13	7.3	1.8
Nagasaki	7	2	130	37	10.9	3.1
Kumamoto	11	5	134	43	8.5	2.7
Oita	12	8	108	43	10.6	4.2
Miyazaki	3	1	71	23	7.3	2.4
Kagoshima	7	1	119	37	8.2	2.6
Okinawa	8	3	106	28	7.9	2.1

Rate: summation / (population*11/12)*100,000

Population: as of 1st Oct. 2021

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

	Nov.		Summation (Jan.-Nov.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	258	83	3,206	1,119	9.3	3.3
Sapporo City	5	1	84	24	4.6	1.3
Sendai City	4	0	63	33	6.3	3.3
Saitama City	9	3	91	34	7.5	2.8
Chiba City	8	2	85	25	9.5	2.8
Yokohama City	19	10	263	91	7.6	2.6
Kawasaki City	14	4	117	31	8.3	2.2
Sagamihara City	5	2	44	13	6.6	2.0
Niigata City	4	2	42	15	5.8	2.1
Shizuoka City	1	0	48	17	7.6	2.7
Hamamatsu City	3	1	55	16	7.5	2.2
Nagoya City	18	6	266	85	12.5	4.0
Kyoto City	8	6	129	49	9.7	3.7
Osaka City	35	8	427	154	16.9	6.1
Sakai City	10	3	115	50	15.3	6.6
Kobe City	10	3	138	38	9.9	2.7
Okayama City	0	0	42	15	6.3	2.3
Hiroshima City	3	2	74	33	6.7	3.0
Kitakyushu City	11	1	94	24	11.0	2.8
Fukuoka City	14	1	136	40	9.2	2.7
Kumamoto City	6	1	51	17	7.5	2.5
23-ku area of Tokyo	71	27	842	315	9.5	3.5

Rate: summation / (population*11/12)*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

	Nov.			Summation (Jan.-Nov.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	371	185	186	4,512	2,220	2,292	0.5	0.4	0.6
0～4	33	16	17	237	112	125	11.3	16.0	8.9
5～9	3	2	1	38	17	21	5.4	8.5	4.2
10～14	5	2	3	28	10	18	5.6	3.3	9.0
15～19	2	1	1	52	18	34	0.8	0.6	0.9
20～24	21	10	11	187	90	97	0.6	0.5	0.7
25～29	17	7	10	226	117	109	0.6	0.6	0.6
30～34	14	8	6	139	63	76	0.6	0.5	0.6
35～39	11	7	4	162	76	86	0.8	0.7	0.9
40～44	14	4	10	188	75	113	0.8	0.6	1.0
45～49	26	15	11	295	108	187	1.1	0.7	1.8
50～54	22	11	11	300	119	181	0.9	0.5	1.8
55～59	20	4	16	302	128	174	0.9	0.6	1.6
60～64	20	11	9	269	132	137	0.7	0.5	1.3
65～69	28	14	14	331	177	154	0.7	0.5	1.0
70～74	48	26	22	506	299	207	0.6	0.5	0.8
75～79	27	16	11	481	278	203	0.5	0.4	0.6
80～84	35	19	16	402	234	168	0.3	0.3	0.3
85～89	18	11	7	246	125	121	0.2	0.1	0.2
90～	7	1	6	123	42	81	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

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	371	4,512	0.49
Hokkaido	12	216	0.90
Aomori	1	38	0.48
Iwate	10	60	1.11
Miyagi	3	70	0.58
Akita	1	12	0.27
Yamagata	0	13	0.35
Fukushima	3	33	0.47
Ibaraki	12	119	0.54
Tochigi	3	22	0.22
Gunma	5	47	0.46
Saitama	19	254	0.50
Chiba	24	239	0.53
Tokyo	47	577	0.53
Kanagawa	33	286	0.45
Niigata	2	64	0.65
Toyama	1	29	0.48
Ishikawa	0	40	0.59
Fukui	3	13	0.50
Yamanashi	0	14	0.42
Nagano	7	80	0.79
Gifu	3	66	0.36
Shizuoka	6	96	0.44
Aichi	28	301	0.46
Mie	1	21	0.17
Shiga	3	33	0.36
Kyoto	13	104	0.51
Osaka	46	462	0.45
Hyogo	22	205	0.42
Nara	3	33	0.30
Wakayama	2	23	0.30
Tottori	0	15	0.41
Shimane	0	15	0.25
Okayama	6	87	0.64
Hiroshima	5	111	0.69
Yamaguchi	3	43	0.43
Tokushima	1	13	0.19
Kagawa	5	37	0.46
Ehime	1	23	0.30
Kochi	1	16	0.36
Fukuoka	18	261	0.63
Saga	2	19	0.35
Nagasaki	3	37	0.28
Kumamoto	2	43	0.32
Oita	3	41	0.38
Miyazaki	0	22	0.31
Kagoshima	0	41	0.34
Okinawa	8	118	1.11

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

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	168	1,639	0.51
Sapporo City	4	75	0.89
Sendai City	2	41	0.65
Saitama City	4	32	0.35
Chiba City	10	51	0.60
Yokohama City	16	119	0.45
Kawasaki City	9	67	0.57
Sagamihara City	6	25	0.57
Niigata City	2	25	0.60
Shizuoka City	0	16	0.33
Hamamatsu City	2	20	0.36
Nagoya City	13	113	0.42
Kyoto City	10	69	0.53
Osaka City	24	230	0.54
Sakai City	5	50	0.43
Kobe City	10	65	0.47
Okayama City	2	48	1.14
Hiroshima City	3	35	0.47
Kitakyushu City	2	51	0.54
Fukuoka City	7	82	0.60
Kumamoto City	1	14	0.27
23-ku area of Tokyo	36	411	0.49

LTBI: Latent TB Infection

Number of LTBI is not included in the newly nottified TB patients,

Major city: city with a population of one million or more

Table 7 is a re-count of Table 6