Monthly Report of Tuberculosis Surveillance, Japan - November, 2024

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, 2021-2024

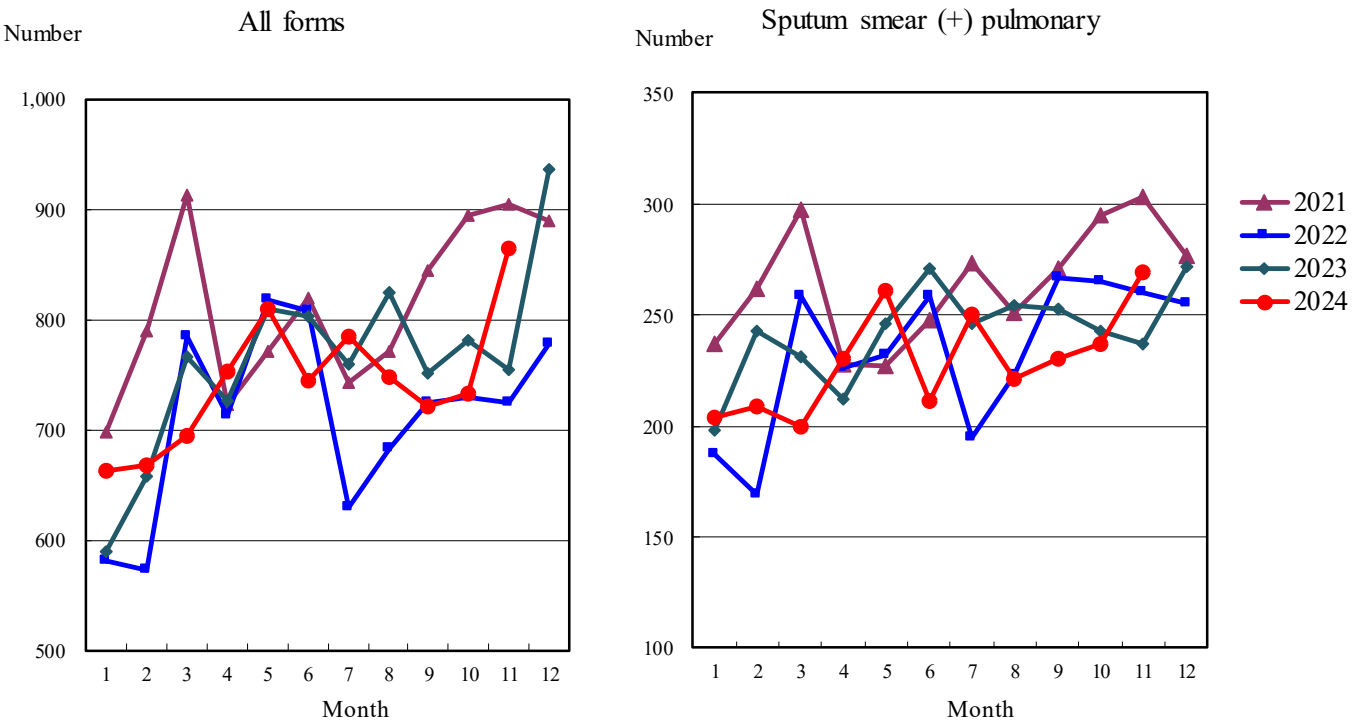

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Nov.) 2024

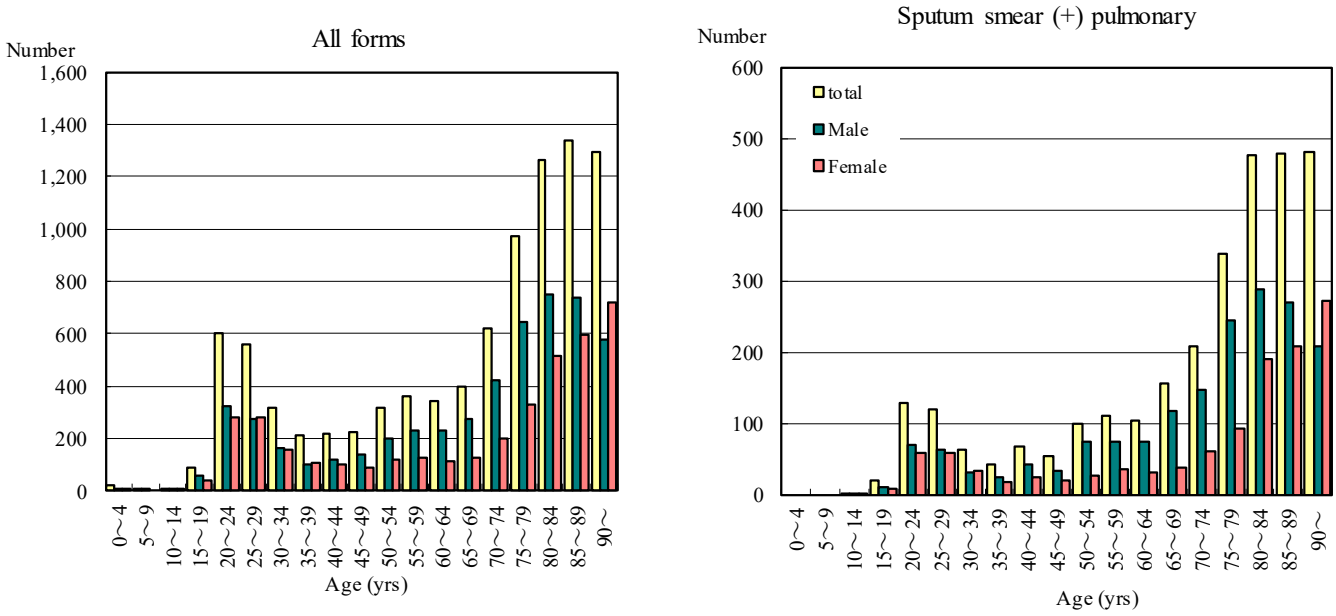

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Nov.) 2024

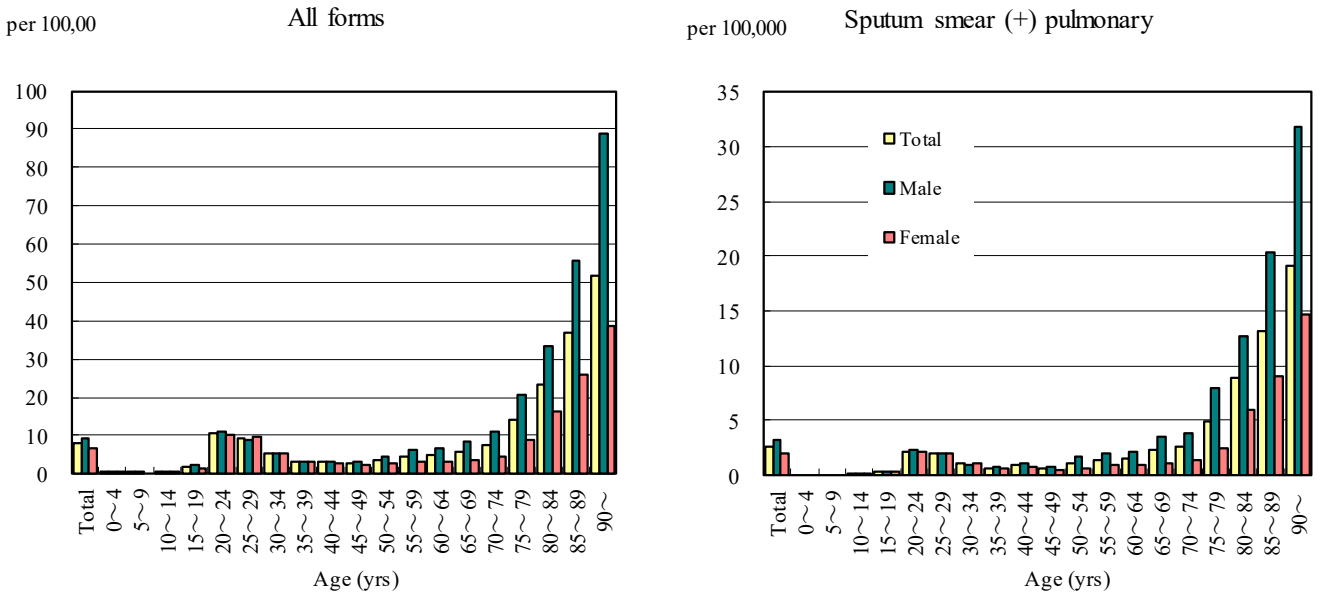

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Nov.) 2024

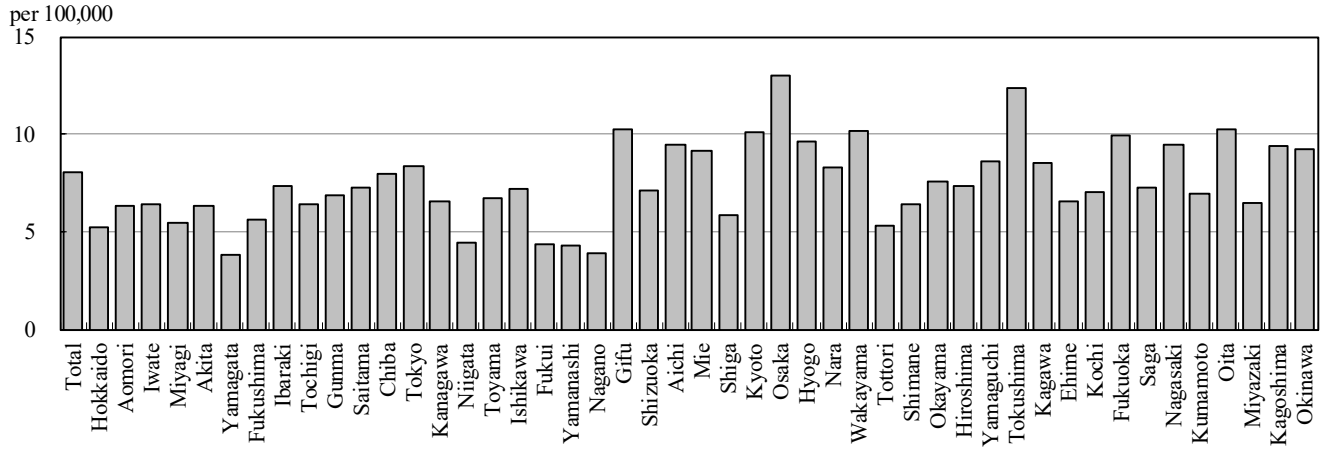

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Nov.) 2024

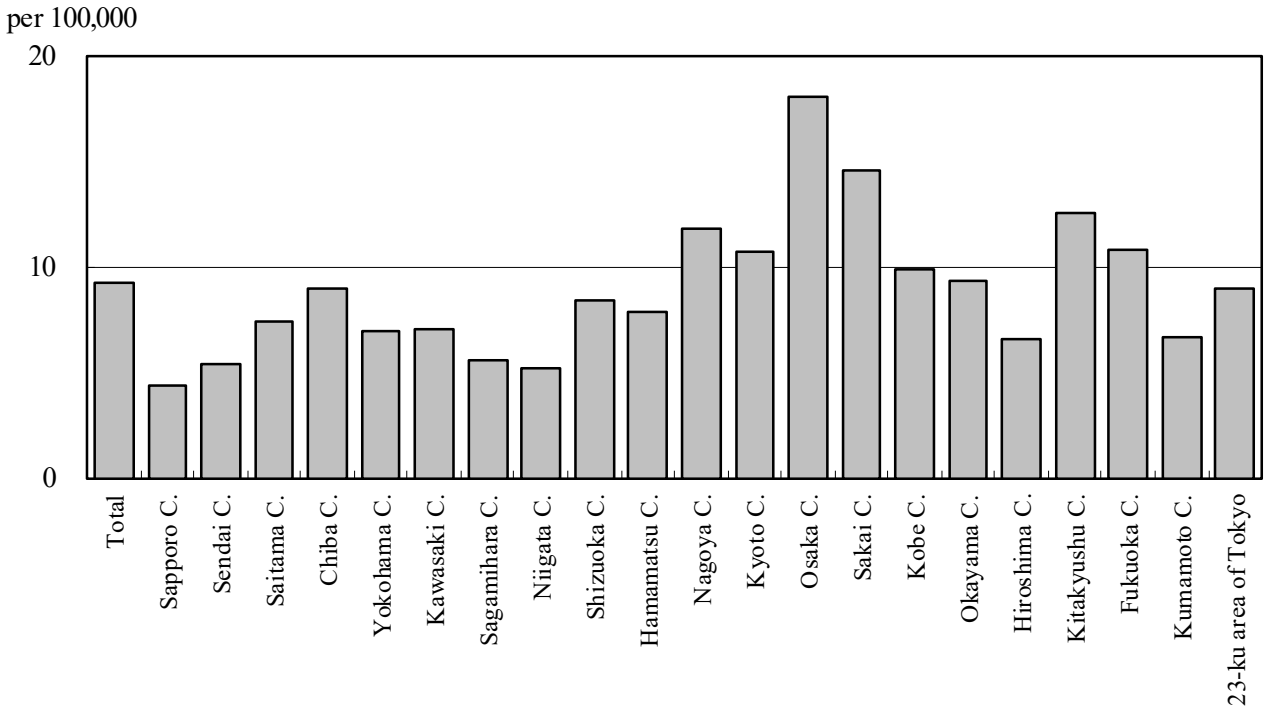

Figure 6.Number of LTBI, Japan, 2021-2024

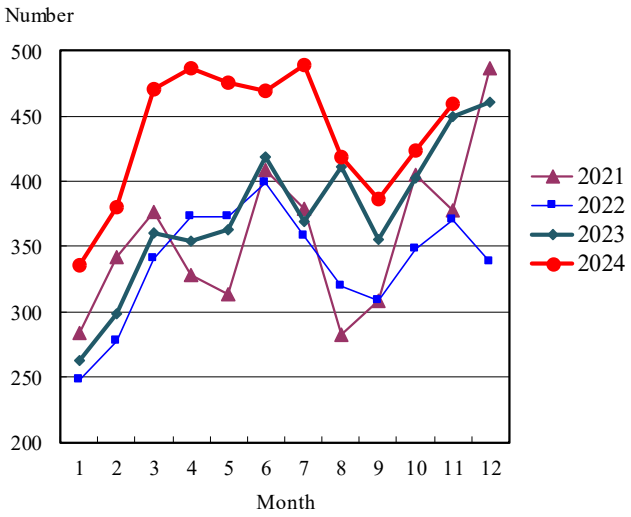

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Nov.) 2024

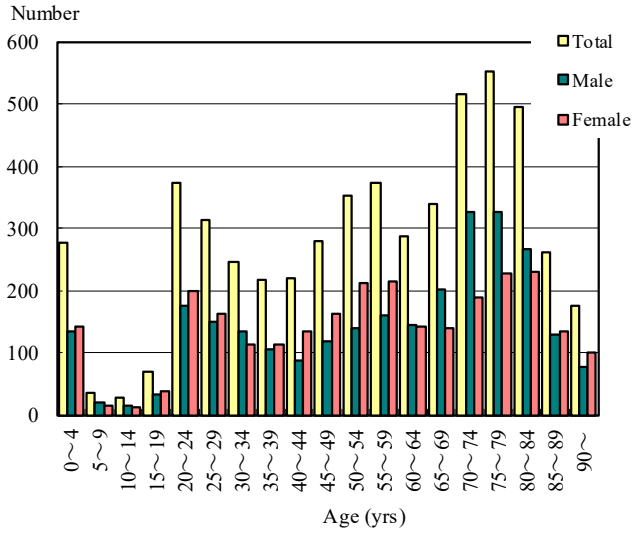

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2024

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	864	503	361	9,158	5,254	3,904	8.0	9.5	6.7
0～4	4	1	3	19	8	11	0.5	0.4	0.6
5～9	0	0	0	4	4	0	0.1	0.2	0.0
10～14	0	0	0	6	3	3	0.1	0.1	0.1
15～19	9	4	5	91	55	36	1.8	2.1	1.5
20～24	50	28	22	600	322	278	10.5	10.9	10.0
25～29	49	30	19	559	276	283	9.4	9.0	9.8
30～34	34	20	14	316	162	154	5.4	5.4	5.4
35～39	23	9	14	210	103	107	3.3	3.1	3.4
40～44	21	12	9	217	117	100	3.0	3.2	2.9
45～49	28	20	8	225	135	90	2.7	3.2	2.2
50～54	41	27	14	320	198	122	3.6	4.4	2.8
55～59	32	25	7	358	233	125	4.7	6.1	3.3
60～64	28	23	5	343	230	113	5.0	6.7	3.3
65～69	35	26	9	396	273	123	5.9	8.3	3.6
70～74	62	39	23	623	422	201	7.7	11.1	4.7
75～79	90	61	29	974	644	330	14.2	20.9	8.8
80～84	126	75	51	1,263	749	514	23.4	33.2	16.3
85～89	124	63	61	1,337	740	597	36.7	55.8	25.7
90～	108	40	68	1,297	580	717	51.8	88.7	38.8

Temporary registrants = 16, Total of registrants and temporary registrants = 880
Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2023

Table 2. Newly notified sputum smear positive pulmonary TB cases ans rates by sex and age, Japan, 2024

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	269	166	103	2,944	1,770	1,174	2.6	3.2	2.0
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	2	1	1	0.0	0.0	0.0
15～19	3	1	2	19	10	9	0.4	0.4	0.4
20～24	7	3	4	128	70	58	2.2	2.4	2.1
25～29	14	8	6	120	63	57	2.0	2.1	2.0
30～34	8	5	3	62	30	32	1.1	1.0	1.1
35～39	3	2	1	43	25	18	0.7	0.8	0.6
40～44	7	2	5	67	42	25	0.9	1.2	0.7
45～49	4	4	0	54	34	20	0.6	0.8	0.5
50～54	12	7	5	99	73	26	1.1	1.6	0.6
55～59	13	11	2	110	74	36	1.4	1.9	0.9
60～64	8	7	1	104	74	30	1.5	2.2	0.9
65～69	18	16	2	155	118	37	2.3	3.6	1.1
70～74	20	12	8	207	146	61	2.6	3.8	1.4
75～79	31	24	7	338	245	93	4.9	7.9	2.5
80～84	45	26	19	477	287	190	8.8	12.7	6.0
85～89	42	25	17	479	270	209	13.1	20.3	9.0
90～	34	13	21	480	208	272	19.2	31.8	14.7

Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2023

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2024

	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	864	269	9,158	2,944	8.0	2.6
Hokkaido	23	8	243	66	5.2	1.4
Aomori	6	4	69	27	6.4	2.5
Iwate	9	2	68	22	6.4	2.1
Miyagi	7	2	113	38	5.4	1.8
Akita	4	2	53	17	6.3	2.0
Yamagata	5	2	36	9	3.8	1.0
Fukushima	9	1	91	33	5.6	2.0
Ibaraki	6	3	190	59	7.3	2.3
Tochigi	9	2	111	39	6.4	2.2
Gunma	6	2	120	39	6.9	2.2
Saitama	45	20	488	163	7.3	2.4
Chiba	47	13	459	156	8.0	2.7
Tokyo	123	28	1,083	341	8.4	2.6
Kanagawa	40	12	554	170	6.5	2.0
Niigata	9	4	87	26	4.5	1.3
Toyama	3	1	62	23	6.7	2.5
Ishikawa	9	4	73	18	7.2	1.8
Fukui	2	1	30	7	4.4	1.0
Yamanashi	2	0	31	9	4.2	1.2
Nagano	3	0	71	28	3.9	1.5
Gifu	14	4	182	50	10.3	2.8
Shizuoka	27	7	232	59	7.1	1.8
Aichi	61	13	647	200	9.4	2.9
Mie	12	3	145	46	9.2	2.9
Shiga	5	0	75	18	5.8	1.4
Kyoto	20	9	235	84	10.1	3.6
Osaka	105	42	1,043	395	13.0	4.9
Hyogo	49	13	475	164	9.6	3.3
Nara	15	7	98	38	8.3	3.2
Wakayama	7	1	83	32	10.2	3.9
Tottori	1	0	26	7	5.3	1.4
Shimane	3	1	38	12	6.4	2.0
Okayama	9	1	128	33	7.6	1.9
Hiroshima	15	7	185	49	7.4	2.0
Yamaguchi	10	4	102	31	8.6	2.6
Tokushima	9	2	79	23	12.4	3.6
Kagawa	9	1	72	14	8.5	1.7
Ehime	8	0	78	20	6.6	1.7
Kochi	4	1	43	14	7.0	2.3
Fukuoka	49	17	466	137	10.0	2.9
Saga	3	2	53	22	7.3	3.0
Nagasaki	10	5	110	29	9.5	2.5
Kumamoto	12	5	109	40	7.0	2.6
Oita	7	2	103	39	10.2	3.9
Miyazaki	2	1	62	23	6.5	2.4
Kagoshima	16	4	133	35	9.4	2.5
Okinawa	15	6	124	40	9.2	3.0

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

Population: as of 1st Oct. 2023

Table 4. Newly notified TB cases and rates by major city, Japan, 2024

	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	318	104	3,169	1,043	9.2	3.0
Sapporo City	6	1	78	24	4.3	1.3
Sendai City	2	1	54	17	5.4	1.7
Saitama City	7	5	91	30	7.4	2.4
Chiba City	8	3	80	34	8.9	3.8
Yokohama City	19	6	240	71	6.9	2.1
Kawasaki City	6	2	99	36	7.0	2.5
Sagamihara City	4	2	37	14	5.6	2.1
Niigata City	3	2	37	13	5.2	1.8
Shizuoka City	3	2	52	21	8.4	3.4
Hamamatsu City	7	0	56	7	7.8	1.0
Nagoya City	23	6	251	89	11.8	4.2
Kyoto City	15	6	141	47	10.7	3.6
Osaka City	49	21	459	160	18.1	6.3
Sakai City	12	7	108	45	14.5	6.0
Kobe City	16	6	136	51	9.9	3.7
Okayama City	8	0	61	14	9.3	2.1
Hiroshima City	3	1	71	21	6.5	1.9
Kitakyushu City	11	3	105	31	12.5	3.7
Fukuoka City	15	7	162	56	10.8	3.7
Kumamoto City	2	0	45	16	6.7	2.4
23-ku area of Tokyo	99	23	806	246	9.0	2.7

Rate: summation / (population*11/12)*100,000 Population: as of 1st Oct. 2023

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, 2024

	Nov.			Summation (Jan.-Nov.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	460	226	234	5,400	2,730	2,670	0.6	0.5	0.7
0〜4	29	14	15	276	134	142	14.5	16.8	12.9
5〜9	1	0	1	34	19	15	8.5	4.8	-
10〜14	2	1	1	26	14	12	4.3	4.7	4.0
15〜19	3	3	0	69	32	37	0.8	0.6	1.0
20〜24	24	13	11	373	175	198	0.6	0.5	0.7
25〜29	21	10	11	312	149	163	0.6	0.5	0.6
30〜34	27	13	14	245	133	112	0.8	0.8	0.7
35〜39	21	12	9	216	104	112	1.0	1.0	1.0
40〜44	15	6	9	219	86	133	1.0	0.7	1.3
45〜49	30	10	20	280	117	163	1.2	0.9	1.8
50〜54	29	8	21	352	140	212	1.1	0.7	1.7
55〜59	30	11	19	373	159	214	1.0	0.7	1.7
60〜64	24	9	15	286	144	142	0.8	0.6	1.3
65〜69	34	23	11	340	202	138	0.9	0.7	1.1
70〜74	44	27	17	515	326	189	0.8	0.8	0.9
75〜79	47	29	18	553	326	227	0.6	0.5	0.7
80〜84	45	25	20	494	265	229	0.4	0.4	0.4
85〜89	26	10	16	261	128	133	0.2	0.2	0.2
90〜	8	2	6	176	77	99	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, 2024

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	460	5,400	0.59
Hokkaido	21	232	0.95
Aomori	2	45	0.65
Iwate	6	56	0.82
Miyagi	7	82	0.73
Akita	2	17	0.32
Yamagata	1	20	0.56
Fukushima	6	37	0.41
Ibaraki	7	160	0.84
Tochigi	1	33	0.30
Gunma	3	67	0.56
Saitama	29	300	0.61
Chiba	27	330	0.72
Tokyo	61	635	0.59
Kanagawa	23	344	0.62
Niigata	6	56	0.64
Toyama	2	45	0.73
Ishikawa	4	40	0.55
Fukui	2	15	0.50
Yamanashi	2	23	0.74
Nagano	6	54	0.76
Gifu	7	96	0.53
Shizuoka	5	101	0.44
Aichi	24	260	0.40
Mie	6	55	0.38
Shiga	4	39	0.52
Kyoto	11	123	0.52
Osaka	59	627	0.60
Hyogo	19	228	0.48
Nara	2	55	0.56
Wakayama	2	47	0.57
Tottori	2	12	0.46
Shimane	7	63	1.66
Okayama	3	87	0.68
Hiroshima	6	126	0.68
Yamaguchi	7	45	0.44
Tokushima	3	25	0.32
Kagawa	4	42	0.58
Ehime	1	42	0.54
Kochi	2	12	0.28
Fukuoka	28	339	0.73
Saga	1	21	0.40
Nagasaki	3	48	0.44
Kumamoto	5	56	0.51
Oita	6	54	0.52
Miyazaki	3	32	0.52
Kagoshima	8	42	0.32
Okinawa	14	132	1.06

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, 2024

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	177	1,960	0.62
Sapporo City	10	100	1.28
Sendai City	6	42	0.78
Saitama City	4	44	0.48
Chiba City	6	65	0.81
Yokohama City	6	149	0.62
Kawasaki City	7	74	0.75
Sagamihara City	4	27	0.73
Niigata City	1	28	0.76
Shizuoka City	1	23	0.44
Hamamatsu City	0	19	0.34
Nagoya City	9	92	0.37
Kyoto City	6	61	0.43
Osaka City	32	314	0.68
Sakai City	1	58	0.54
Kobe City	6	88	0.65
Okayama City	3	41	0.67
Hiroshima City	1	24	0.34
Kitakyushu City	7	84	0.80
Fukuoka City	9	96	0.59
Kumamoto City	3	21	0.47
23-ku area of Tokyo	55	510	0.63

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