



## Monthly Report of Tuberculosis Surveillance, Japan - December, 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 4<sup>th</sup> 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, 2021-2024

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

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

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

Figure 5. Notification rate of TB by major city, Japan, summation (Jan. -Dec.) 2024

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

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

### Tables

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

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

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

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

Table 5. LTBI cases and rates by sex and age, Japan, 2024

Table 6. LTBI cases and rates by prefecture, Japan, 2024

Table 7. LTBI cases and rates by major city, Japan, 2024

Figure 1. Number of newly notified TB cases by month, Japan, 2021-2024

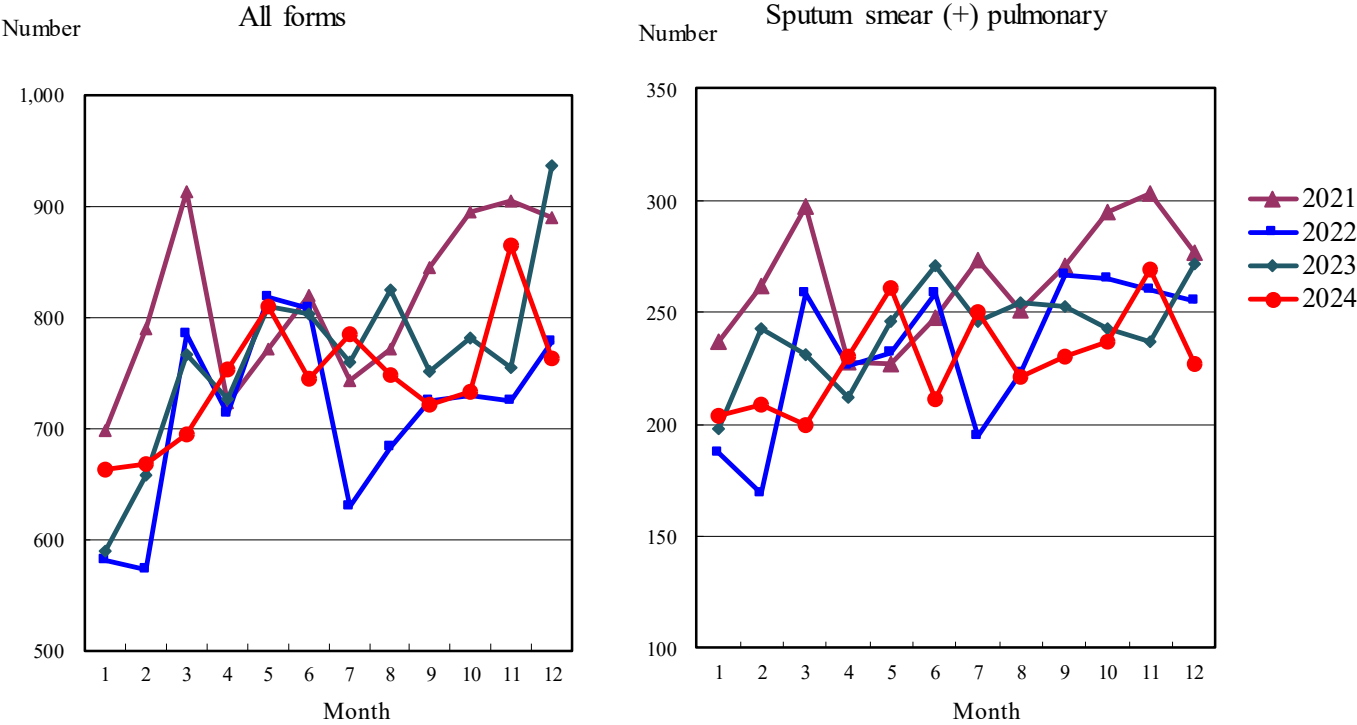


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Dec.) 2024

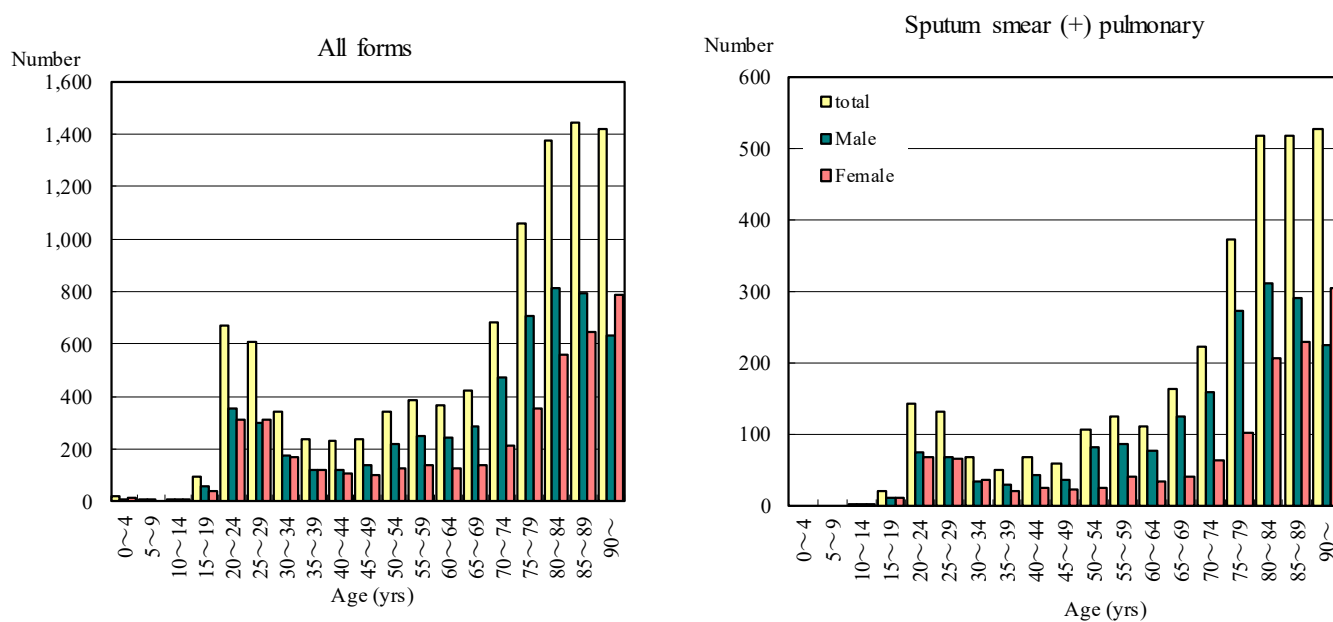


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Dec.) 2024

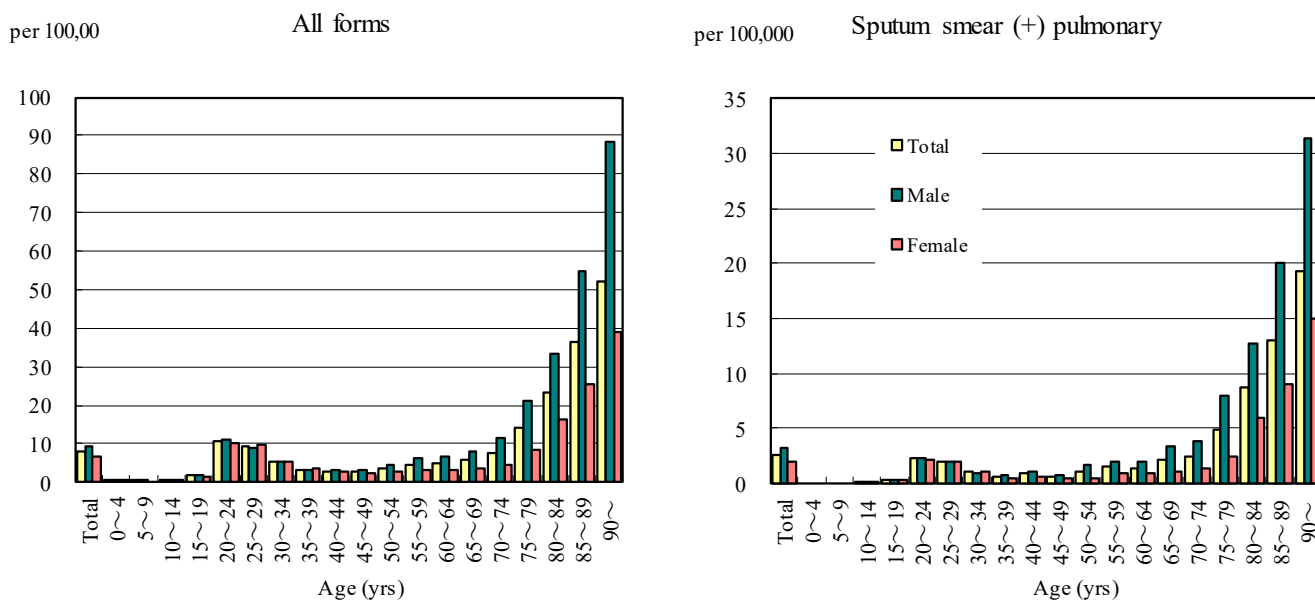


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Dec.) 2024

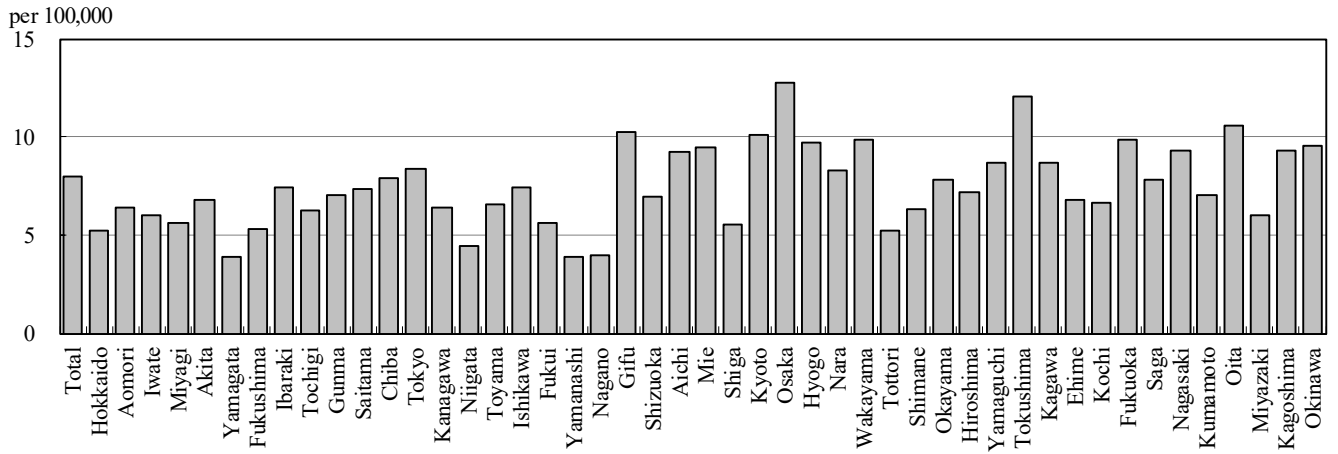


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Dec.) 2024

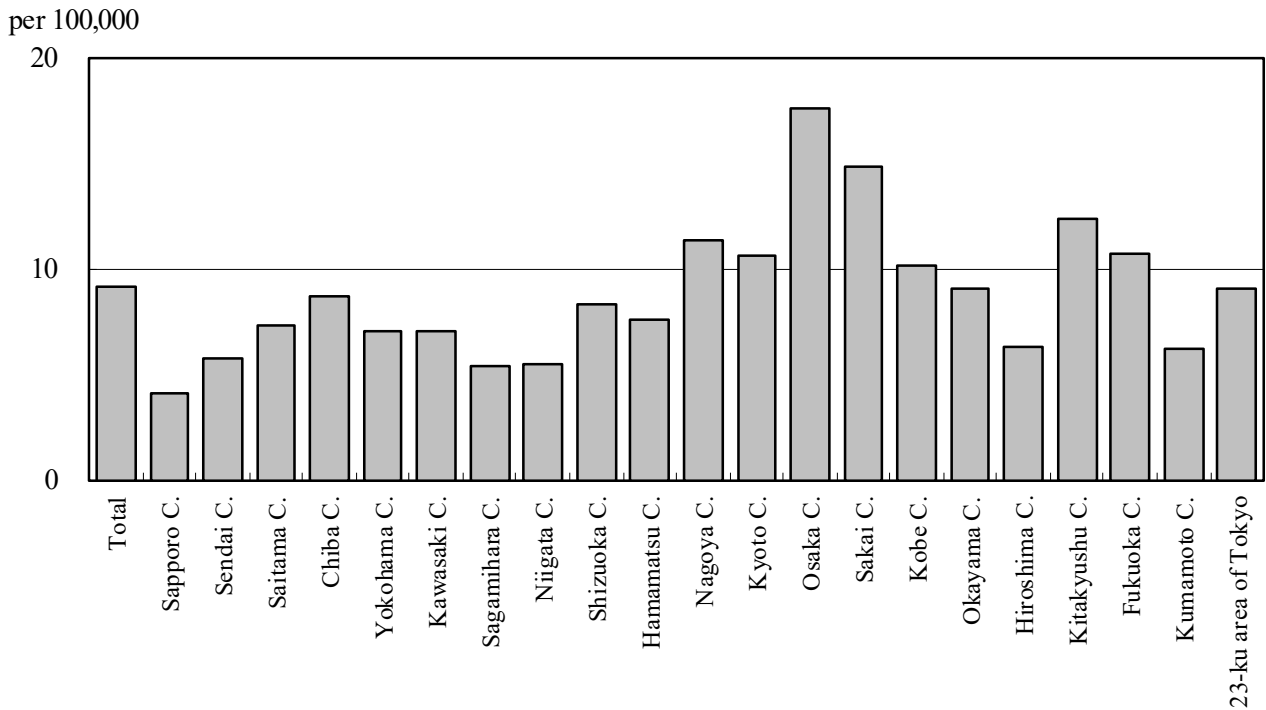


Figure 6. Number of LTBI, Japan, 2021-2024

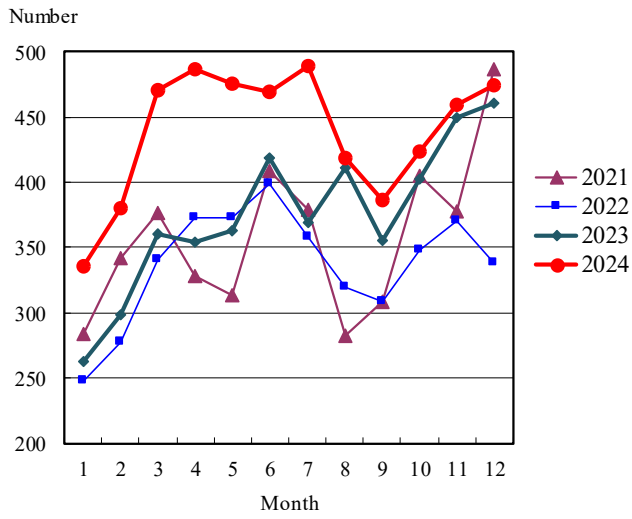


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Dec.) 2024

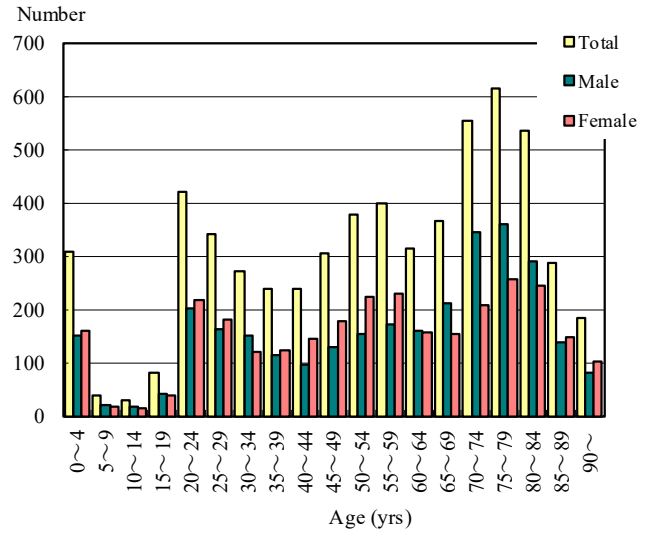


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2024

	Dec.			Summation (Jan.-Dec.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	763	430	333	9,942	5,694	4,248	8.0	9.4	6.7
0~4	2	1	1	21	9	12	0.5	0.4	0.6
5~9	0	0	0	4	4	0	0.1	0.2	0.0
10~14	2	0	2	8	3	5	0.2	0.1	0.2
15~19	3	0	3	94	55	39	1.7	2.0	1.5
20~24	70	35	35	670	357	313	10.7	11.1	10.4
25~29	47	19	28	608	296	312	9.4	8.9	9.9
30~34	26	14	12	344	177	167	5.4	5.4	5.4
35~39	25	13	12	237	117	120	3.4	3.3	3.5
40~44	12	5	7	228	121	107	2.9	3.1	2.8
45~49	14	6	8	237	139	98	2.6	3.0	2.2
50~54	21	17	4	342	216	126	3.5	4.4	2.6
55~59	26	16	10	386	251	135	4.7	6.1	3.3
60~64	26	16	10	369	246	123	4.9	6.6	3.2
65~69	24	12	12	420	285	135	5.7	8.0	3.6
70~74	52	44	8	680	470	210	7.7	11.3	4.5
75~79	82	62	20	1,059	707	352	14.2	21.0	8.6
80~84	109	66	43	1,375	815	560	23.3	33.2	16.3
85~89	103	55	48	1,442	795	647	36.2	54.9	25.6
90~	119	49	70	1,418	631	787	51.9	88.4	39.0

Temporary registrants = 34, Total of registrants and temporary registrants = 797

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

Population: as of 1st Oct. 2023

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

	Dec.			Summation (Jan.-Dec.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	227	129	98	3,193	1,912	1,281	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	1	0	1	20	10	10	0.4	0.4	0.4
20~24	13	5	8	142	75	67	2.3	2.3	2.2
25~29	10	4	6	131	67	64	2.0	2.0	2.0
30~34	5	3	2	67	32	35	1.1	1.0	1.1
35~39	5	4	1	48	29	19	0.7	0.8	0.6
40~44	2	2	0	68	43	25	0.9	1.1	0.7
45~49	3	1	2	57	35	22	0.6	0.8	0.5
50~54	6	6	0	106	81	25	1.1	1.7	0.5
55~59	10	8	2	124	85	39	1.5	2.1	0.9
60~64	5	2	3	110	76	34	1.5	2.0	0.9
65~69	4	2	2	162	123	39	2.2	3.4	1.0
70~74	12	11	1	222	159	63	2.5	3.8	1.4
75~79	35	26	9	372	271	101	5.0	8.1	2.5
80~84	39	24	15	517	311	206	8.8	12.7	6.0
85~89	32	16	16	518	290	228	13.0	20.0	9.0
90~	45	15	30	527	224	303	19.3	31.4	15.0

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

Population: as of 1st Oct. 2023

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

	Dec.		Summation (Jan.-Dec.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	763	227	9,942	3,193	8.0	2.6
Hokkaido	14	3	264	70	5.2	1.4
Aomori	7	3	76	30	6.4	2.5
Iwate	2	0	70	22	6.0	1.9
Miyagi	14	2	127	40	5.6	1.8
Akita	7	4	62	23	6.8	2.5
Yamagata	5	1	40	10	3.9	1.0
Fukushima	3	1	93	34	5.3	1.9
Ibaraki	18	9	209	69	7.4	2.4
Tochigi	8	2	119	42	6.3	2.2
Gunma	13	1	133	40	7.0	2.1
Saitama	49	11	539	175	7.4	2.4
Chiba	33	12	493	168	7.9	2.7
Tokyo	94	25	1,177	366	8.4	2.6
Kanagawa	39	9	594	180	6.4	2.0
Niigata	7	2	95	29	4.5	1.4
Toyama	4	2	66	25	6.6	2.5
Ishikawa	9	5	82	23	7.4	2.1
Fukui	12	4	42	11	5.6	1.5
Yamanashi	0	0	31	9	3.9	1.1
Nagano	9	1	80	31	4.0	1.5
Gifu	16	4	198	55	10.3	2.8
Shizuoka	17	5	248	67	7.0	1.9
Aichi	42	9	692	213	9.3	2.8
Mie	18	10	163	56	9.4	3.2
Shiga	3	0	78	18	5.5	1.3
Kyoto	19	6	256	89	10.1	3.5
Osaka	73	23	1,118	423	12.8	4.8
Hyogo	42	9	519	173	9.7	3.2
Nara	10	6	107	44	8.3	3.4
Wakayama	5	0	88	32	9.9	3.6
Tottori	2	1	28	8	5.2	1.5
Shimane	3	1	41	13	6.3	2.0
Okayama	14	8	144	42	7.8	2.3
Hiroshima	12	6	197	55	7.2	2.0
Yamaguchi	10	0	113	31	8.7	2.4
Tokushima	5	0	84	23	12.1	3.3
Kagawa	8	3	80	17	8.6	1.8
Ehime	10	4	88	24	6.8	1.9
Kochi	1	1	44	15	6.6	2.3
Fukuoka	36	13	501	152	9.8	3.0
Saga	10	1	62	22	7.8	2.8
Nagasaki	8	2	118	30	9.3	2.4
Kumamoto	11	6	120	46	7.0	2.7
Oita	13	5	116	43	10.6	3.9
Miyazaki	1	1	63	24	6.0	2.3
Kagoshima	11	3	144	38	9.3	2.5
Okinawa	16	3	140	43	9.5	2.9

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

Population: as of 1st Oct. 2023

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

	Dec.		Summation (Jan.-Dec.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	249	65	3,423	1,111	9.1	3.0
Sapporo City	3	1	81	25	4.1	1.3
Sendai City	9	1	63	18	5.7	1.6
Saitama City	7	0	98	30	7.3	2.2
Chiba City	5	0	85	34	8.7	3.5
Yokohama City	21	5	263	77	7.0	2.0
Kawasaki City	9	2	108	38	7.0	2.5
Sagamihara City	2	1	39	15	5.4	2.1
Niigata City	5	2	42	15	5.4	1.9
Shizuoka City	4	1	56	22	8.3	3.2
Hamamatsu City	3	0	59	7	7.6	0.9
Nagoya City	13	2	264	92	11.3	4.0
Kyoto City	11	2	153	47	10.6	3.3
Osaka City	27	8	486	168	17.5	6.1
Sakai City	12	5	120	50	14.8	6.2
Kobe City	15	3	152	54	10.1	3.6
Okayama City	3	0	65	15	9.1	2.1
Hiroshima City	4	1	75	22	6.3	1.9
Kitakyushu City	8	5	113	37	12.3	4.0
Fukuoka City	13	5	175	62	10.7	3.8
Kumamoto City	1	0	46	16	6.2	2.2
23-ku area of Tokyo	74	21	880	267	9.0	2.7

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

	Dec.			Summation (Jan.-Dec.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	475	244	231	5,892	2,983	2,909	0.6	0.5	0.7
0~4	33	17	16	309	150	159	14.7	16.7	13.3
5~9	3	1	2	37	20	17	9.3	5.0	-
10~14	3	2	1	29	16	13	3.6	5.3	2.6
15~19	11	9	2	80	41	39	0.9	0.7	1.0
20~24	46	27	19	420	202	218	0.6	0.6	0.7
25~29	30	14	16	342	163	179	0.6	0.6	0.6
30~34	24	15	9	270	149	121	0.8	0.8	0.7
35~39	20	8	12	237	113	124	1.0	1.0	1.0
40~44	19	8	11	239	94	145	1.0	0.8	1.4
45~49	24	11	13	306	129	177	1.3	0.9	1.8
50~54	24	12	12	376	152	224	1.1	0.7	1.8
55~59	25	11	14	398	170	228	1.0	0.7	1.7
60~64	28	14	14	314	158	156	0.9	0.6	1.3
65~69	23	9	14	365	212	153	0.9	0.7	1.1
70~74	34	18	16	552	345	207	0.8	0.7	1.0
75~79	61	34	27	615	360	255	0.6	0.5	0.7
80~84	38	22	16	535	290	245	0.4	0.4	0.4
85~89	22	9	13	285	139	146	0.2	0.2	0.2
90~	7	3	4	183	80	103	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

	Dec.	Summation (Jan.-Dec.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	475	5,892	0.59
Hokkaido	21	258	0.98
Aomori	2	47	0.62
Iwate	5	61	0.87
Miyagi	10	92	0.72
Akita	2	19	0.31
Yamagata	3	23	0.58
Fukushima	13	52	0.56
Ibaraki	14	174	0.83
Tochigi	3	36	0.30
Gunma	4	71	0.53
Saitama	39	339	0.63
Chiba	16	348	0.71
Tokyo	55	688	0.58
Kanagawa	35	381	0.64
Niigata	1	59	0.62
Toyama	1	46	0.70
Ishikawa	6	46	0.56
Fukui	3	18	0.43
Yamanashi	1	24	0.77
Nagano	3	58	0.73
Gifu	1	97	0.49
Shizuoka	15	116	0.47
Aichi	20	280	0.40
Mie	4	59	0.36
Shiga	1	40	0.51
Kyoto	13	136	0.53
Osaka	61	691	0.62
Hyogo	18	246	0.47
Nara	3	58	0.54
Wakayama	1	48	0.55
Tottori	2	14	0.50
Shimane	2	65	1.59
Okayama	10	99	0.69
Hiroshima	19	145	0.74
Yamaguchi	2	47	0.42
Tokushima	5	30	0.36
Kagawa	7	49	0.61
Ehime	2	44	0.50
Kochi	1	13	0.30
Fukuoka	23	362	0.72
Saga	1	22	0.35
Nagasaki	4	52	0.44
Kumamoto	5	61	0.51
Oita	3	57	0.49
Miyazaki	0	32	0.51
Kagoshima	7	49	0.34
Okinawa	8	140	1.00

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

	Dec.	Summation (Jan.-Dec.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	171	2,133	0.62
Sapporo City	6	106	1.31
Sendai City	4	46	0.73
Saitama City	1	45	0.46
Chiba City	4	69	0.81
Yokohama City	17	166	0.63
Kawasaki City	7	82	0.76
Sagamihara City	0	27	0.69
Niigata City	0	28	0.67
Shizuoka City	6	29	0.52
Hamamatsu City	4	23	0.39
Nagoya City	7	99	0.38
Kyoto City	9	70	0.46
Osaka City	21	335	0.69
Sakai City	7	65	0.54
Kobe City	6	94	0.62
Okayama City	7	50	0.77
Hiroshima City	6	30	0.40
Kitakyushu City	2	86	0.76
Fukuoka City	11	107	0.61
Kumamoto City	2	23	0.50
23-ku area of Tokyo	44	553	0.63

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