Monthly Report of Tuberculosis Surveillance, Japan – November, 2020

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.

Figures

Tables

Figure 1. Number of newly notified TB cases by month, Japan, 2017-2020

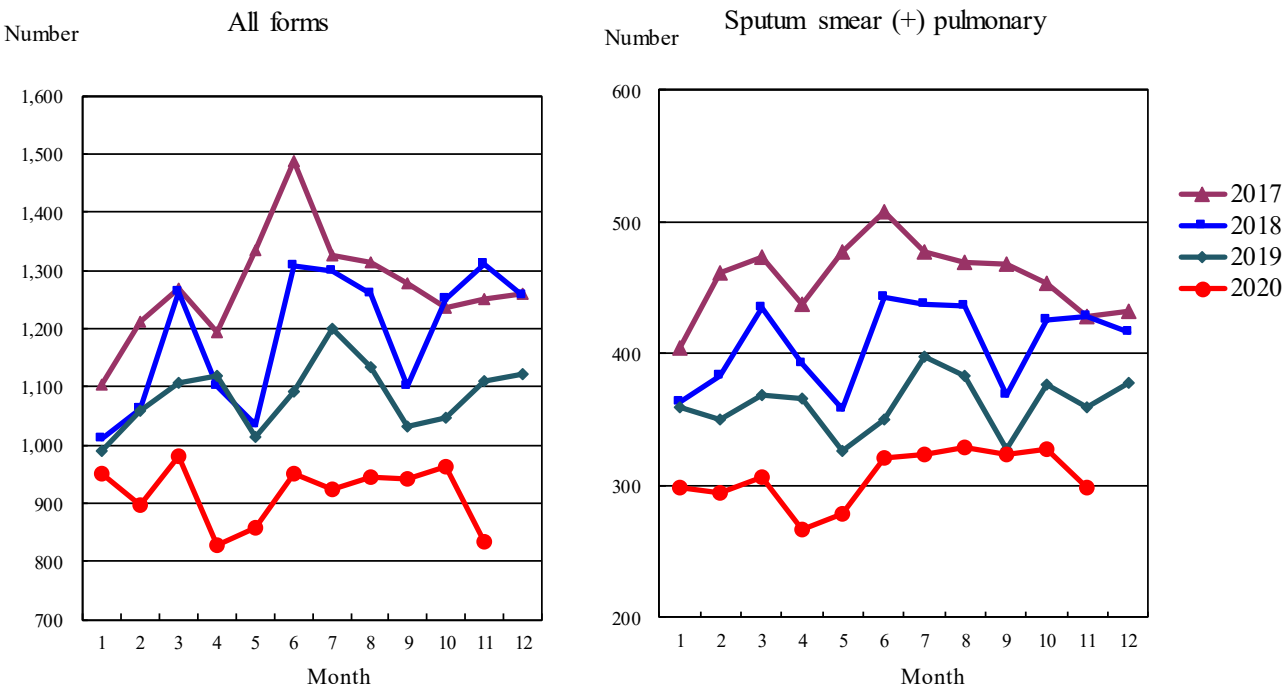

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Nov.) 2020

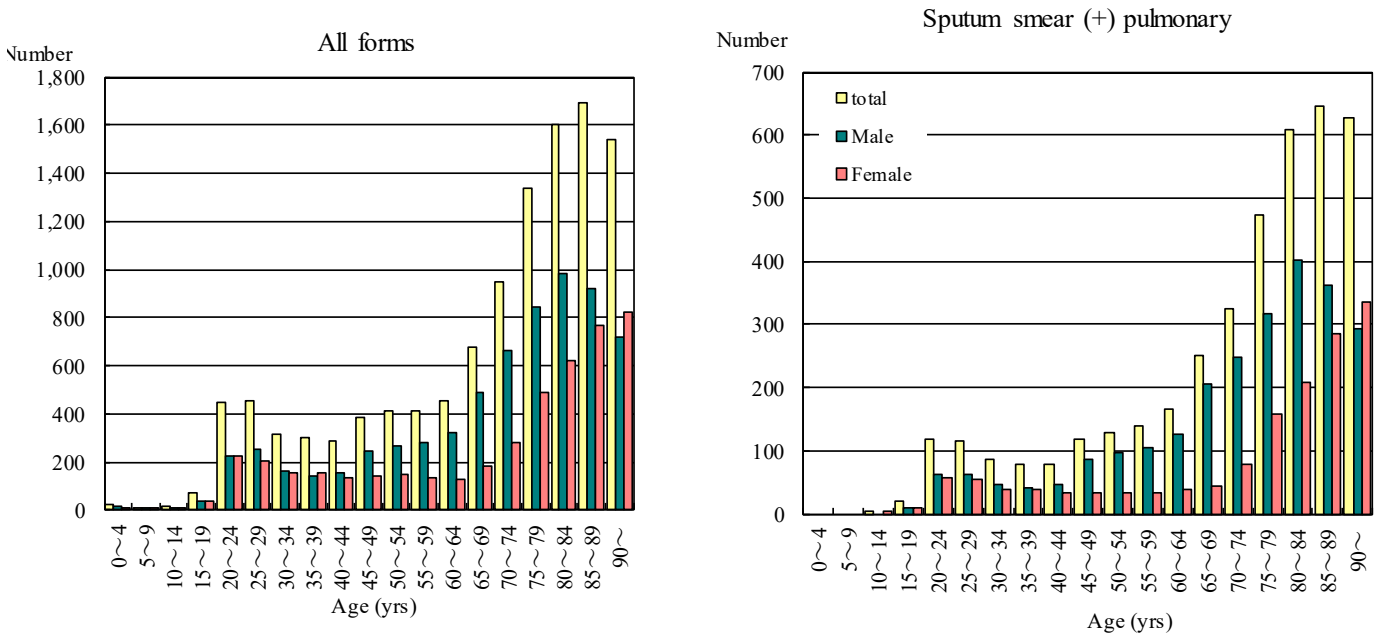

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-Nov.) 2020

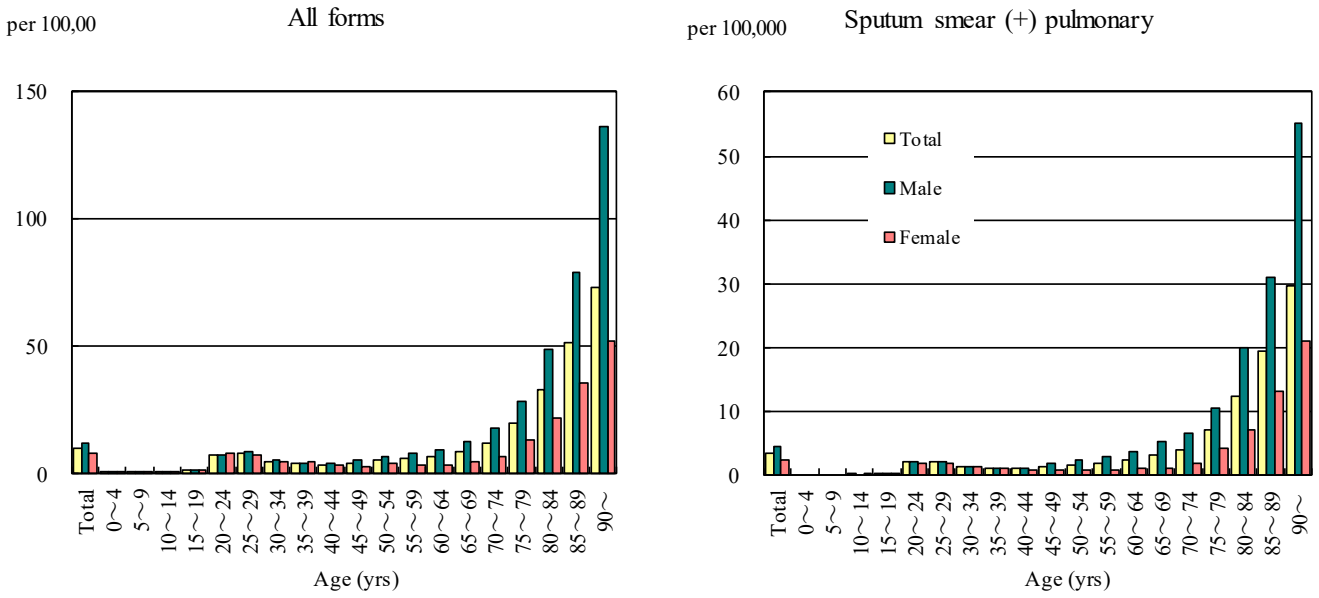

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Nov.) 2020

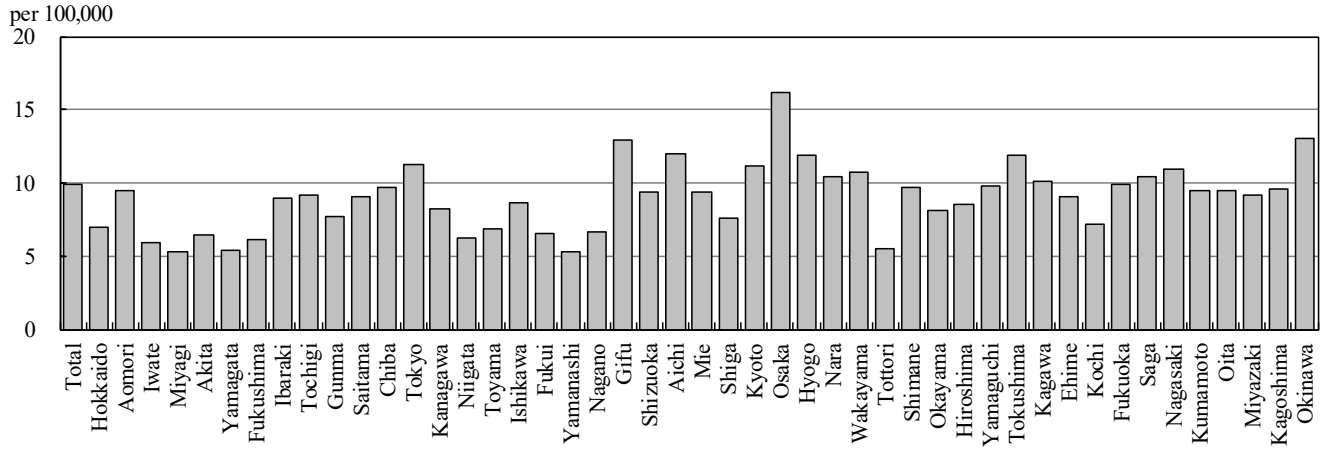

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Nov.) 2020

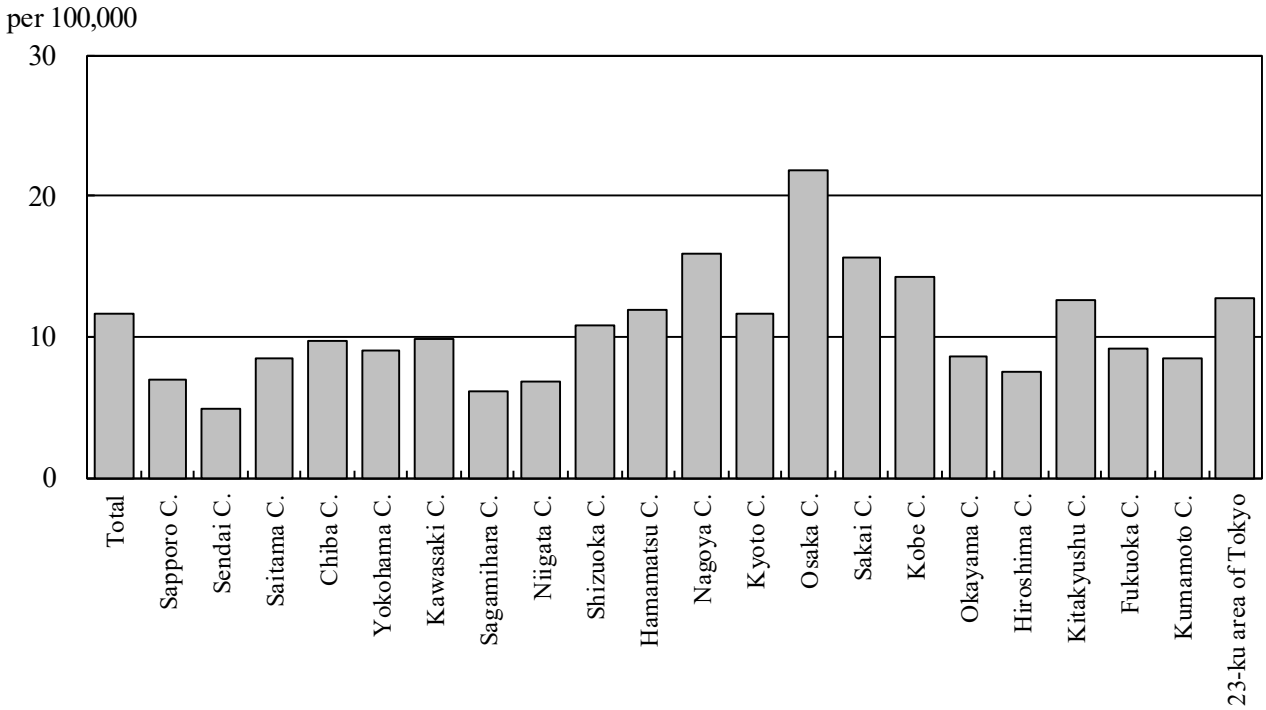

Figure 6.Number of LTBI, Japan, 2017-2020

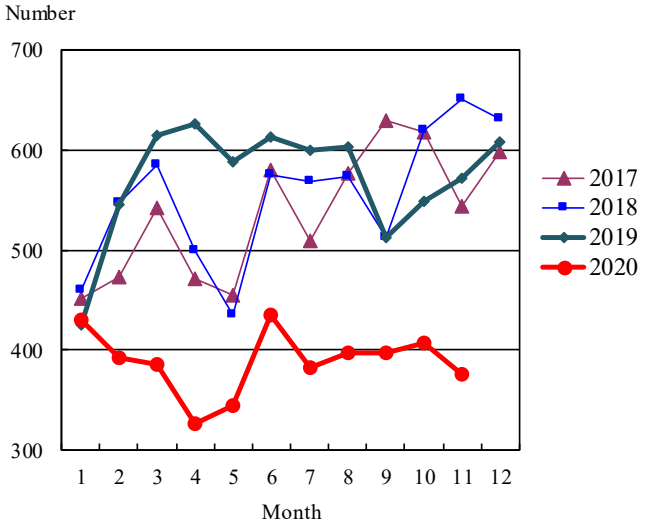

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Nov.) 2020

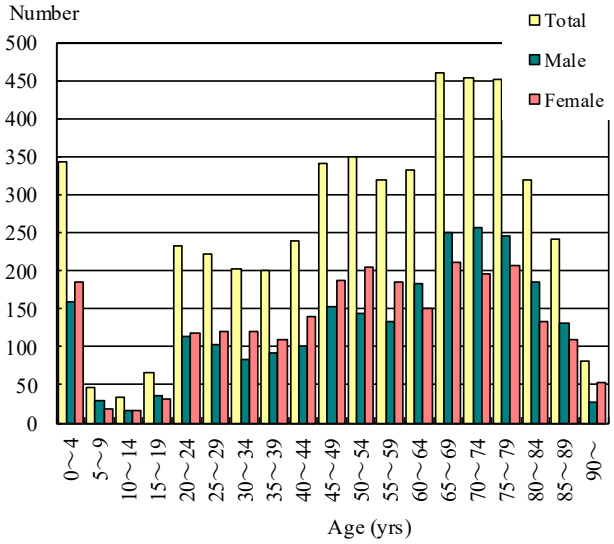

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	833	482	351	11,390	6,739	4,651	9.8	12.0	7.8
0～4	1	1	0	26	15	11	0.6	0.7	0.5
5～9	1	0	1	9	6	3	0.2	0.3	0.1
10～14	1	0	1	16	7	9	0.3	0.3	0.4
15～19	2	1	1	71	34	37	1.3	1.2	1.4
20～24	30	16	14	449	223	226	7.7	7.4	8.0
25～29	36	23	13	457	253	204	8.0	8.6	7.4
30～34	18	10	8	314	162	152	5.1	5.1	5.0
35～39	30	19	11	300	144	156	4.3	4.1	4.6
40～44	21	10	11	287	156	131	3.6	3.9	3.3
45～49	25	15	10	384	244	140	4.3	5.4	3.2
50～54	33	23	10	414	264	150	5.3	6.7	3.8
55～59	25	14	11	414	281	133	5.9	8.0	3.8
60～64	34	22	12	455	325	130	6.6	9.5	3.7
65～69	36	26	10	676	490	186	8.5	12.7	4.5
70～74	73	44	29	947	666	281	11.9	17.7	6.7
75～79	110	68	42	1,335	847	488	20.1	28.5	13.3
80～84	125	71	54	1,603	981	622	32.8	48.7	21.7
85～89	117	67	50	1,691	923	768	51.1	79.0	35.8
90～	115	52	63	1,542	718	824	72.8	135.6	51.9

Temporary registrants = 48, Total of registrants and temporary registrants = 881
Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2019

Table 2. Newly notified sputum smear positive pulmonary TB cases ans rates by sex and age, Japan, 2020

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	298	185	113	3,984	2,509	1,475	3.4	4.5	2.5
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	1	0	1	3	0	3	0.1	0.0	0.1
15～19	1	1	0	19	9	10	0.4	0.3	0.4
20～24	9	4	5	119	63	56	2.0	2.1	2.0
25～29	11	8	3	116	62	54	2.0	2.1	1.9
30～34	0	0	0	85	46	39	1.4	1.5	1.3
35～39	13	9	4	79	41	38	1.1	1.2	1.1
40～44	5	3	2	79	47	32	1.0	1.2	0.8
45～49	8	7	1	119	87	32	1.3	1.9	0.7
50～54	10	6	4	130	96	34	1.7	2.4	0.9
55～59	11	8	3	139	106	33	2.0	3.0	0.9
60～64	12	10	2	165	127	38	2.4	3.7	1.1
65～69	14	14	0	250	205	45	3.1	5.3	1.1
70～74	26	17	9	325	248	77	4.1	6.6	1.8
75～79	38	24	14	474	316	158	7.1	10.6	4.3
80～84	44	29	15	610	403	207	12.5	20.0	7.2
85～89	49	30	19	645	361	284	19.5	30.9	13.3
90～	46	15	31	627	292	335	29.6	55.1	21.1

Rate: summation / (population*11/12)*100,000
Population: as of 1st Oct. 2019

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2020

	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	833	298	11,390	3,984	9.8	3.4
Hokkaido	33	14	334	134	6.9	2.8
Aomori	7	6	108	55	9.5	4.8
Iwate	7	1	67	24	6.0	2.1
Miyagi	7	2	111	49	5.3	2.3
Akita	4	2	57	21	6.4	2.4
Yamagata	5	1	53	22	5.4	2.2
Fukushima	4	1	103	34	6.1	2.0
Ibaraki	14	4	234	68	8.9	2.6
Tochigi	14	4	162	49	9.1	2.8
Gunma	12	3	137	43	7.7	2.4
Saitama	49	20	610	199	9.1	3.0
Chiba	43	12	558	196	9.7	3.4
Tokyo	105	41	1,438	525	11.3	4.1
Kanagawa	48	18	690	260	8.2	3.1
Niigata	9	3	127	35	6.2	1.7
Toyama	1	0	66	21	6.9	2.2
Ishikawa	5	1	90	27	8.6	2.6
Fukui	2	1	46	13	6.5	1.8
Yamanashi	1	0	39	10	5.2	1.3
Nagano	8	3	124	46	6.6	2.4
Gifu	15	2	235	70	12.9	3.8
Shizuoka	22	8	312	99	9.3	3.0
Aichi	61	20	833	265	12.0	3.8
Mie	6	3	153	42	9.4	2.6
Shiga	7	3	99	36	7.6	2.8
Kyoto	21	6	263	98	11.1	4.1
Osaka	92	46	1,305	504	16.2	6.2
Hyogo	44	13	594	221	11.9	4.4
Nara	15	5	127	41	10.4	3.4
Wakayama	5	3	91	44	10.7	5.2
Tottori	3	1	28	9	5.5	1.8
Shimane	1	0	60	24	9.7	3.9
Okayama	7	3	141	41	8.1	2.4
Hiroshima	10	4	219	83	8.5	3.2
Yamaguchi	12	4	122	32	9.8	2.6
Tokushima	4	2	79	27	11.8	4.0
Kagawa	6	0	89	26	10.2	3.0
Ehime	10	1	111	42	9.0	3.4
Kochi	1	1	46	19	7.2	3.0
Fukuoka	33	9	463	144	9.9	3.1
Saga	9	3	78	30	10.4	4.0
Nagasaki	11	5	133	35	10.9	2.9
Kumamoto	20	8	152	48	9.5	3.0
Oita	4	1	99	41	9.5	3.9
Miyazaki	6	1	90	35	9.1	3.6
Kagoshima	19	6	141	40	9.6	2.7
Okinawa	11	3	173	57	13.0	4.3

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

Population: as of 1st Oct. 2019

Table 4. Newly notified TB cases and rates by major city, Japan, 2020

	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	299	118	3,981	1,459	11.6	4.3
Sapporo City	10	6	126	42	7.0	2.3
Sendai City	2	0	49	20	4.9	2.0
Saitama City	11	4	102	34	8.5	2.8
Chiba City	4	1	87	38	9.7	4.2
Yokohama City	11	5	309	114	9.0	3.3
Kawasaki City	16	6	138	52	9.8	3.7
Sagamihara City	5	0	41	19	6.2	2.9
Niigata City	3	1	50	16	6.8	2.2
Shizuoka City	4	1	69	27	10.8	4.2
Hamamatsu City	9	4	86	29	11.8	4.0
Nagoya City	20	10	339	123	15.9	5.8
Kyoto City	13	4	157	61	11.7	4.5
Osaka City	40	19	549	212	21.9	8.4
Sakai City	9	5	119	55	15.7	7.2
Kobe City	17	5	199	73	14.3	5.2
Okayama City	2	0	56	12	8.6	1.8
Hiroshima City	6	2	82	31	7.5	2.8
Kitakyushu City	7	1	109	26	12.6	3.0
Fukuoka City	12	3	134	44	9.2	3.0
Kumamoto City	7	3	57	18	8.4	2.7
23-ku area of Tokyo	91	38	1,123	413	12.7	4.7

Rate: summation / (population*11/12)*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, 2020

	Nov.			Summation (Jan.-Nov.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	376	182	194	4,936	2,438	2,498	0.4	0.4	0.5
0～4	28	10	18	343	159	184	13.2	10.6	16.7
5～9	1	0	1	47	29	18	5.2	4.8	6.0
10～14	2	0	2	34	17	17	2.1	2.4	1.9
15～19	4	1	3	67	35	32	0.9	1.0	0.9
20～24	15	10	5	232	113	119	0.5	0.5	0.5
25～29	17	11	6	222	102	120	0.5	0.4	0.6
30～34	14	7	7	203	83	120	0.6	0.5	0.8
35～39	10	4	6	201	92	109	0.7	0.6	0.7
40～44	15	5	10	240	101	139	0.8	0.6	1.1
45～49	21	11	10	340	152	188	0.9	0.6	1.3
50～54	19	7	12	349	144	205	0.8	0.5	1.4
55～59	24	11	13	319	133	186	0.8	0.5	1.4
60～64	24	17	7	333	182	151	0.7	0.6	1.2
65～69	41	18	23	460	250	210	0.7	0.5	1.1
70～74	39	18	21	453	257	196	0.5	0.4	0.7
75～79	42	20	22	451	245	206	0.3	0.3	0.4
80～84	31	15	16	319	185	134	0.2	0.2	0.2
85～89	21	13	8	241	131	110	0.1	0.1	0.1
90～	8	4	4	82	28	54	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, 2020

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	376	4,936	0.43
Hokkaido	14	195	0.58
Aomori	5	71	0.66
Iwate	5	45	0.67
Miyagi	3	90	0.81
Akita	0	23	0.40
Yamagata	1	29	0.55
Fukushima	3	49	0.48
Ibaraki	8	139	0.59
Tochigi	1	38	0.23
Gunma	3	48	0.35
Saitama	19	243	0.40
Chiba	26	262	0.47
Tokyo	56	699	0.49
Kanagawa	22	272	0.39
Niigata	3	51	0.40
Toyama	2	34	0.52
Ishikawa	0	31	0.34
Fukui	3	8	0.17
Yamanashi	3	22	0.56
Nagano	3	54	0.44
Gifu	9	73	0.31
Shizuoka	14	121	0.39
Aichi	18	281	0.34
Mie	4	29	0.19
Shiga	0	43	0.43
Kyoto	9	154	0.59
Osaka	46	561	0.43
Hyogo	18	207	0.35
Nara	11	60	0.47
Wakayama	0	28	0.31
Tottori	1	7	0.25
Shimane	1	29	0.48
Okayama	4	84	0.60
Hiroshima	11	109	0.50
Yamaguchi	5	50	0.41
Tokushima	1	20	0.25
Kagawa	1	34	0.38
Ehime	3	27	0.24
Kochi	1	8	0.17
Fukuoka	14	205	0.44
Saga	0	23	0.29
Nagasaki	1	34	0.26
Kumamoto	2	64	0.42
Oita	3	46	0.46
Miyazaki	2	45	0.50
Kagoshima	6	67	0.48
Okinawa	11	124	0.72

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, 2020

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	127	1,751	0.44
Sapporo City	7	72	0.57
Sendai City	1	36	0.73
Saitama City	3	18	0.18
Chiba City	2	46	0.53
Yokohama City	9	96	0.31
Kawasaki City	5	83	0.60
Sagamihara City	3	22	0.54
Niigata City	2	19	0.38
Shizuoka City	5	28	0.41
Hamamatsu City	1	28	0.33
Nagoya City	4	87	0.26
Kyoto City	4	75	0.48
Osaka City	21	305	0.56
Sakai City	3	47	0.39
Kobe City	7	59	0.30
Okayama City	3	48	0.86
Hiroshima City	3	39	0.48
Kitakyushu City	3	43	0.39
Fukuoka City	1	66	0.49
Kumamoto City	1	22	0.39
23-ku area of Tokyo	39	512	0.46

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