Monthly Report of Tuberculosis Surveillance, Japan – May, 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

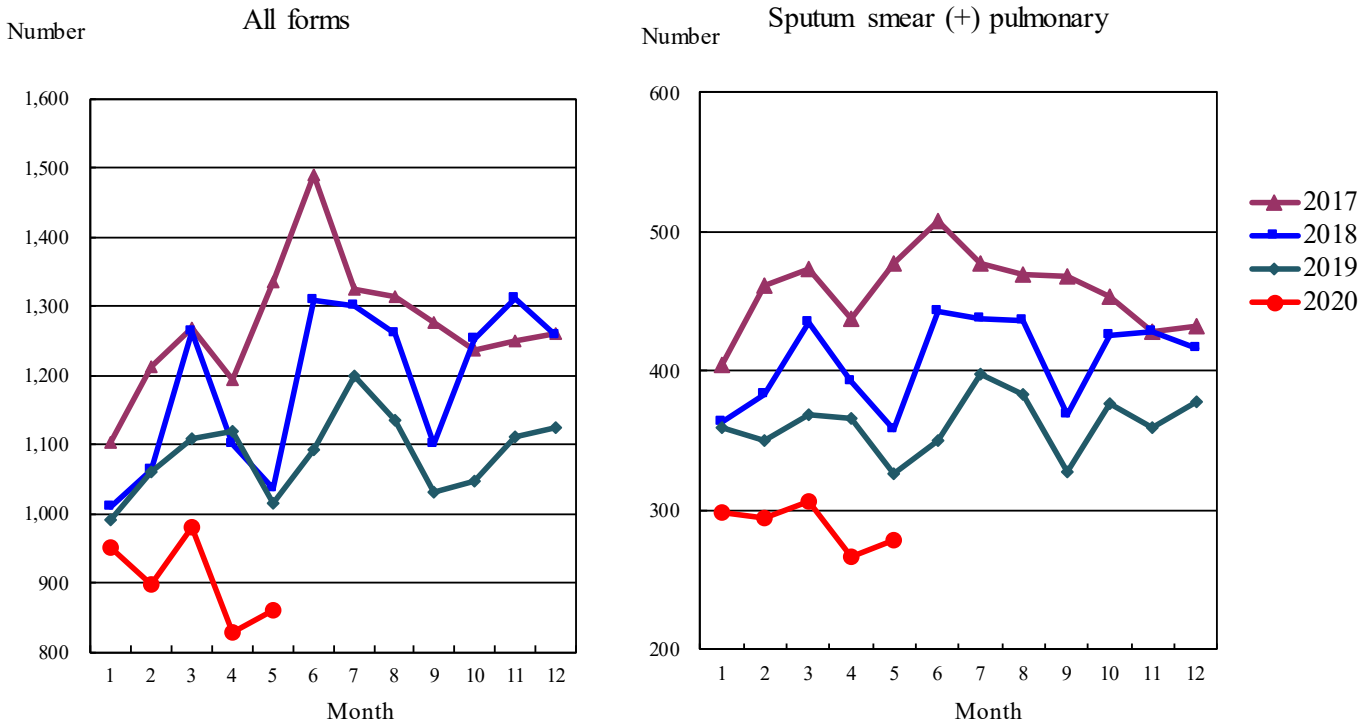

Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-May.) 2020

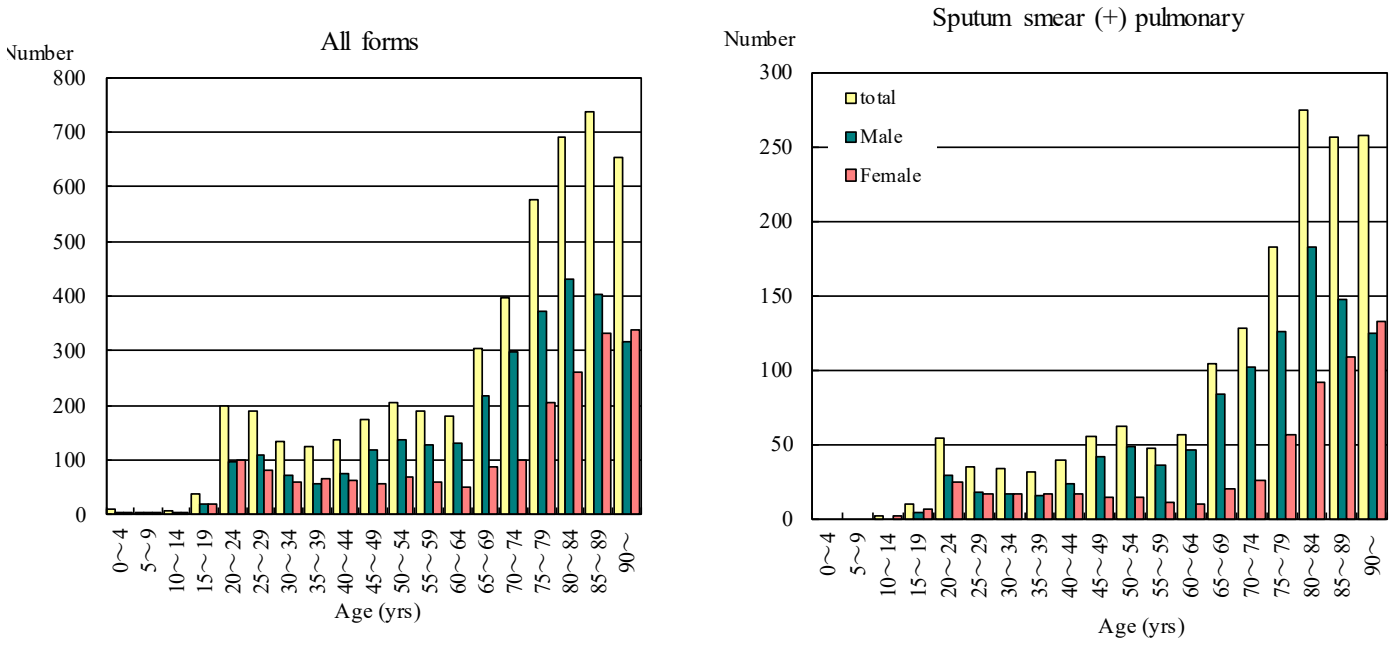

Figure 3.Notification rate of TB cases by sex and age, Japan, summation (Jan.-May.) 2020

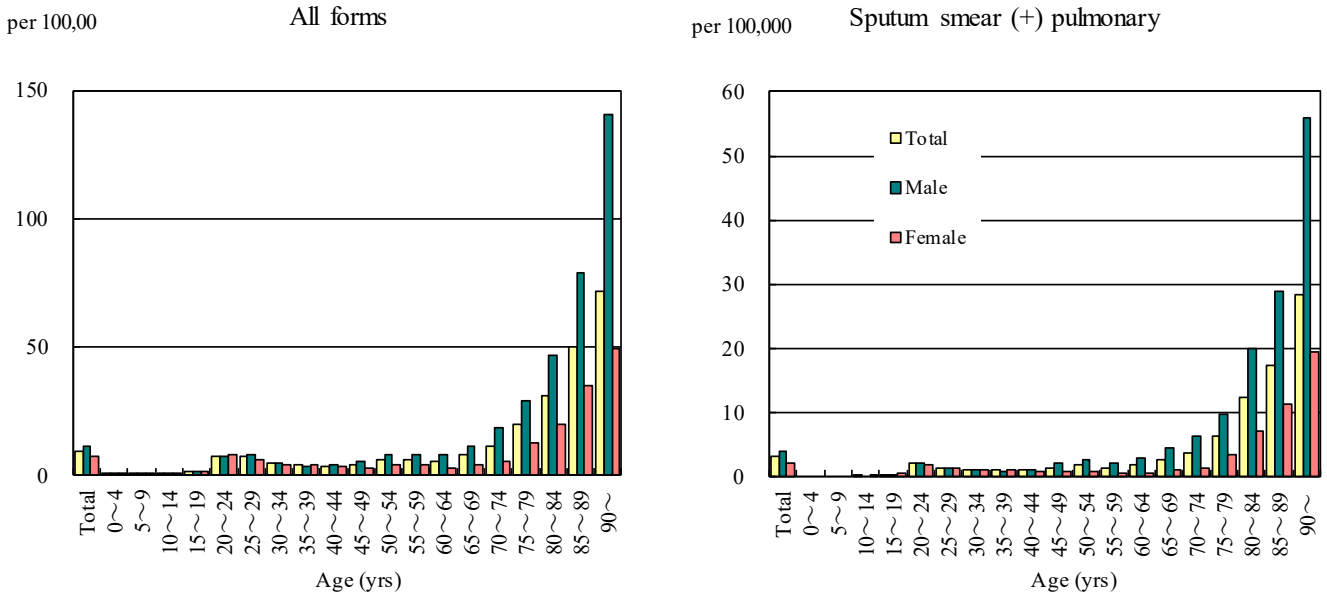

Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-May.) 2020

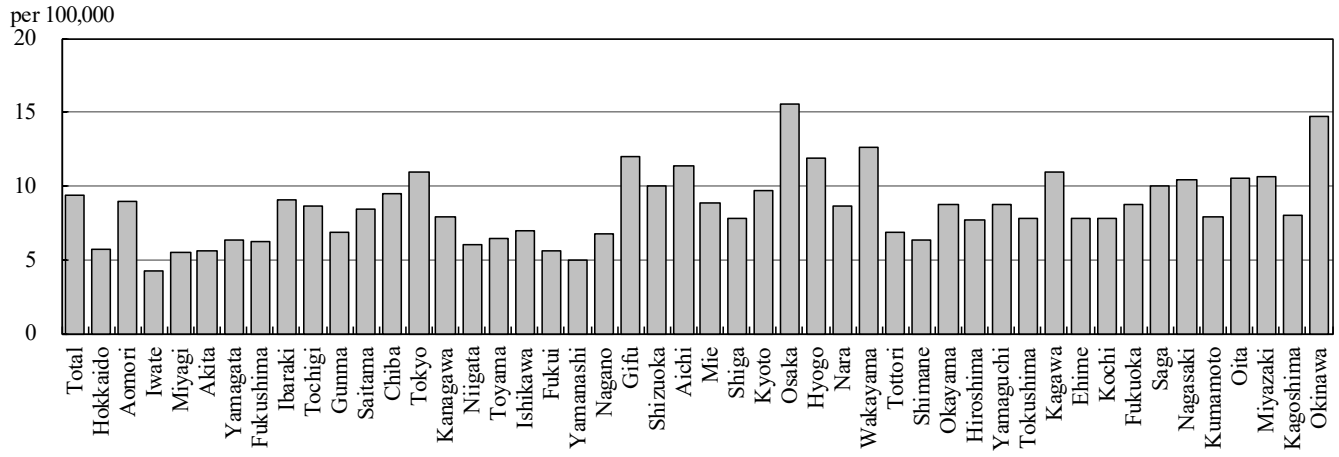

Figure 5. Notification rates of TB major city, Japan, summation (Jan.-May.) 2020

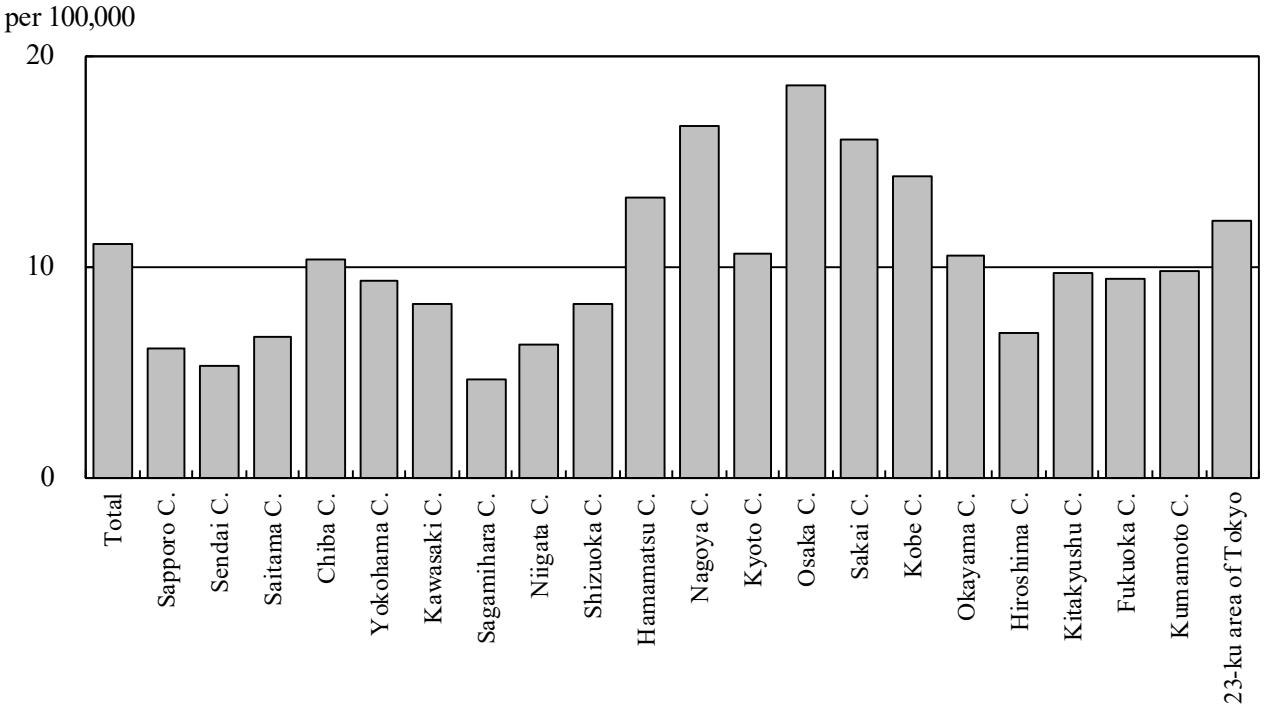

Figure 6.Number of LTBI, Japan, 2017-2020

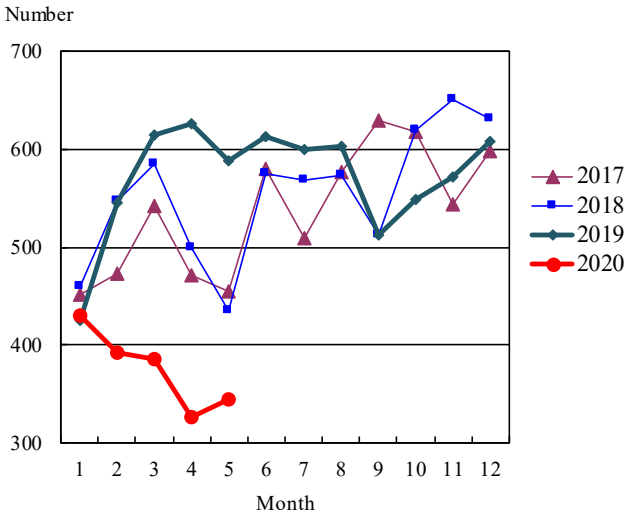

Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-May.) 2020

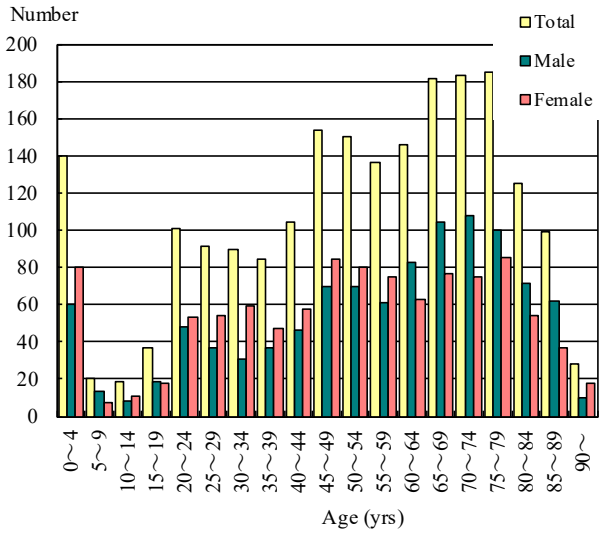

Table 1. Newly notified TB cases and rates by sex and age, Japan, 2020

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	859	528	331	4,952	2,991	1,961	9.4	11.7	7.3
0～4	2	1	1	10	5	5	0.5	0.5	0.5
5～9	0	0	0	3	2	1	0.1	0.2	0.1
10～14	0	0	0	6	3	3	0.3	0.3	0.3
15～19	5	2	3	38	19	19	1.5	1.5	1.6
20～24	33	17	16	199	98	101	7.5	7.2	7.9
25～29	39	26	13	189	108	81	7.3	8.1	6.4
30～34	18	10	8	134	73	61	4.6	5.0	4.3
35～39	14	7	7	125	58	67	3.9	3.6	4.2
40～44	20	12	8	138	76	62	3.6	4.0	3.3
45～49	26	21	5	174	117	57	4.3	5.7	2.9
50～54	41	28	13	206	137	69	5.9	7.8	4.0
55～59	31	20	11	189	128	61	5.9	8.0	3.8
60～64	26	16	10	180	131	49	5.7	8.4	3.1
65～69	52	36	16	305	217	88	7.8	11.5	4.4
70～74	63	45	18	398	298	100	11.6	18.5	5.5
75～79	112	73	39	577	373	204	20.0	28.9	12.8
80～84	115	78	37	691	430	261	31.0	47.0	19.9
85～89	131	67	64	736	403	333	50.3	78.9	34.9
90～	131	69	62	654	315	339	71.9	140.7	49.5

Temporary registrants = 51, Total of registrants and temporary registrants = 910
Rate: summation / (population*12/12)*100,000
Population: as of 1st Oct. 2018

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

	May.			Summation (Jan.-May.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	278	172	106	1,626	1,043	583	3.1	4.1	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	2	0	2	0.1	0.0	0.2
15～19	3	0	3	10	4	6	0.4	0.3	0.5
20～24	11	5	6	54	29	25	2.0	2.1	2.0
25～29	5	4	1	35	18	17	1.3	1.4	1.3
30～34	5	4	1	33	17	16	1.1	1.2	1.1
35～39	5	2	3	31	15	16	1.0	0.9	1.0
40～44	8	5	3	39	23	16	1.0	1.2	0.9
45～49	8	7	1	55	41	14	1.4	2.0	0.7
50～54	9	7	2	62	48	14	1.8	2.7	0.8
55～59	6	5	1	47	36	11	1.5	2.3	0.7
60～64	6	5	1	56	46	10	1.8	2.9	0.6
65～69	14	11	3	104	84	20	2.7	4.4	1.0
70～74	26	20	6	128	102	26	3.7	6.3	1.4
75～79	34	20	14	182	126	56	6.3	9.8	3.5
80～84	46	30	16	274	182	92	12.3	19.9	7.0
85～89	43	21	22	256	147	109	17.5	28.8	11.4
90～	49	26	23	258	125	133	28.4	55.9	19.4

Rate: summation / (population*12/12)*100,000
Population: as of 1st Oct. 2018

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

	May.		Summation (Jan.-May.)		Notification rate (per 100,000)	
	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)	Newly notified TB	Sputum smear (+)
Total	859	278	4,952	1,626	9.4	3.1
Hokkaido	22	9	126	37	5.7	1.7
Aomori	13	8	47	22	8.9	4.2
Iwate	4	1	22	10	4.3	1.9
Miyagi	5	2	53	22	5.5	2.3
Akita	4	2	23	9	5.6	2.2
Yamagata	4	2	29	11	6.4	2.4
Fukushima	7	2	48	12	6.2	1.5
Ibaraki	17	5	109	28	9.1	2.3
Tochigi	11	3	70	21	8.6	2.6
Gunma	10	4	56	17	6.9	2.1
Saitama	50	18	257	76	8.4	2.5
Chiba	38	13	248	90	9.5	3.5
Tokyo	97	34	628	207	10.9	3.6
Kanagawa	51	22	304	112	8.0	2.9
Niigata	10	3	56	13	6.0	1.4
Toyama	3	1	28	7	6.4	1.6
Ishikawa	6	1	33	9	6.9	1.9
Fukui	3	0	18	6	5.6	1.9
Yamanashi	1	0	17	4	5.0	1.2
Nagano	17	6	58	16	6.7	1.9
Gifu	20	5	100	25	12.0	3.0
Shizuoka	29	6	153	41	10.0	2.7
Aichi	71	20	358	117	11.4	3.7
Mie	12	6	66	20	8.8	2.7
Shiga	8	3	46	22	7.8	3.7
Kyoto	23	7	104	35	9.6	3.2
Osaka	68	27	571	209	15.5	5.7
Hyogo	51	17	271	95	11.9	4.2
Nara	12	2	48	11	8.6	2.0
Wakayama	6	3	49	21	12.6	5.4
Tottori	4	1	16	5	6.9	2.1
Shimane	3	0	18	6	6.4	2.1
Okayama	16	2	69	16	8.7	2.0
Hiroshima	24	10	90	34	7.7	2.9
Yamaguchi	10	0	50	13	8.8	2.3
Tokushima	3	1	24	8	7.8	2.6
Kagawa	16	6	44	14	11.0	3.5
Ehime	6	2	44	18	7.8	3.2
Kochi	8	2	23	8	7.8	2.7
Fukuoka	29	6	187	62	8.8	2.9
Saga	4	1	34	10	10.0	2.9
Nagasaki	9	3	58	15	10.4	2.7
Kumamoto	7	0	58	15	7.9	2.0
Oita	11	4	50	23	10.5	4.8
Miyazaki	9	2	48	18	10.7	4.0
Kagoshima	13	2	54	10	8.0	1.5
Okinawa	14	4	89	26	14.8	4.3

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

Population: as of 1st Oct. 2018

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

	May.		Summation (Jan.-May.)		Notification Rate (per 100,000)	
	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)	Newly notified TB	Sputum Smear(+)
Total	258	84	1,715	596	11.1	3.8
Sapporo City	6	3	50	8	6.1	1.0
Sendai City	2	1	24	10	5.3	2.2
Saitama City	3	1	36	14	6.6	2.6
Chiba City	5	3	42	22	10.3	5.4
Yokohama City	21	8	145	51	9.3	3.3
Kawasaki City	12	8	52	20	8.2	3.2
Sagamihara City	3	1	14	7	4.6	2.3
Niigata City	4	1	21	6	6.3	1.8
Shizuoka City	1	0	24	10	8.2	3.4
Hamamatsu City	9	3	44	13	13.3	3.9
Nagoya City	33	9	161	59	16.7	6.1
Kyoto City	16	4	65	22	10.6	3.6
Osaka City	7	2	211	78	18.6	6.9
Sakai City	11	7	56	27	16.0	7.7
Kobe City	18	3	91	32	14.3	5.0
Okayama City	7	0	31	5	10.5	1.7
Hiroshima City	10	2	34	15	6.8	3.0
Kitakyushu City	4	0	38	10	9.6	2.5
Fukuoka City	10	2	62	22	9.4	3.3
Kumamoto City	2	0	30	5	9.7	1.6
23-ku area of Tokyo	74	26	484	160	12.2	4.0

Rate: summation / (population*12/12)*100,000 Population: as of 1st Oct. 2018

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

	May.			Summation (Jan.-May.)			(Ratio) LTBI/Newly notifid cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	345	154	191	2,073	1,038	1,035	0.4	0.3	0.5
0～4	22	8	14	140	60	80	14.0	12.0	16.0
5～9	5	3	2	20	13	7	6.7	6.5	7.0
10～14	8	4	4	19	8	11	3.2	2.7	3.7
15～19	8	2	6	37	19	18	1.0	1.0	0.9
20～24	19	8	11	101	48	53	0.5	0.5	0.5
25～29	11	3	8	91	37	54	0.5	0.3	0.7
30～34	16	6	10	90	31	59	0.7	0.4	1.0
35～39	17	6	11	84	37	47	0.7	0.6	0.7
40～44	19	8	11	104	46	58	0.8	0.6	0.9
45～49	24	10	14	154	70	84	0.9	0.6	1.5
50～54	29	11	18	150	70	80	0.7	0.5	1.2
55～59	26	11	15	136	61	75	0.7	0.5	1.2
60～64	28	9	19	146	83	63	0.8	0.6	1.3
65～69	25	13	12	181	104	77	0.6	0.5	0.9
70～74	28	14	14	183	108	75	0.5	0.4	0.8
75～79	25	14	11	185	100	85	0.3	0.3	0.4
80～84	15	10	5	125	71	54	0.2	0.2	0.2
85～89	15	12	3	99	62	37	0.1	0.2	0.1
90～	5	2	3	28	10	18	0.0	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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	345	2,073	0.42
Hokkaido	8	55	0.44
Aomori	9	34	0.72
Iwate	3	15	0.68
Miyagi	7	45	0.85
Akita	1	10	0.43
Yamagata	3	12	0.41
Fukushima	6	30	0.63
Ibaraki	11	56	0.51
Tochigi	1	15	0.21
Gunma	3	17	0.30
Saitama	23	123	0.48
Chiba	12	85	0.34
Tokyo	48	279	0.44
Kanagawa	27	126	0.41
Niigata	8	25	0.45
Toyama	2	14	0.50
Ishikawa	4	9	0.27
Fukui	0	3	0.17
Yamanashi	1	9	0.53
Nagano	3	16	0.28
Gifu	6	33	0.33
Shizuoka	6	36	0.24
Aichi	23	141	0.39
Mie	2	17	0.26
Shiga	2	22	0.48
Kyoto	15	59	0.57
Osaka	23	222	0.39
Hyogo	13	93	0.34
Nara	7	30	0.63
Wakayama	3	11	0.22
Tottori	0	2	0.13
Shimane	2	12	0.67
Okayama	4	39	0.57
Hiroshima	4	44	0.49
Yamaguchi	2	18	0.36
Tokushima	0	6	0.25
Kagawa	4	13	0.30
Ehime	3	10	0.23
Kochi	0	3	0.13
Fukuoka	16	119	0.64
Saga	1	8	0.24
Nagasaki	3	19	0.33
Kumamoto	6	28	0.48
Oita	5	19	0.38
Miyazaki	3	9	0.19
Kagoshima	4	23	0.43
Okinawa	8	59	0.66

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

	May.	Summation (Jan.-May.)	
	LTBI	LTBI	(Ratio) LTBI ／new TB
Total	99	707	0.41
Sapporo City	6	22	0.44
Sendai City	5	16	0.67
Saitama City	2	8	0.22
Chiba City	1	18	0.43
Yokohama City	11	35	0.24
Kawasaki City	8	44	0.85
Sagamihara City	0	9	0.64
Niigata City	1	7	0.33
Shizuoka City	2	5	0.21
Hamamatsu City	1	7	0.16
Nagoya City	9	46	0.29
Kyoto City	6	33	0.51
Osaka City	0	95	0.45
Sakai City	3	27	0.48
Kobe City	2	28	0.31
Okayama City	0	22	0.71
Hiroshima City	1	16	0.47
Kitakyushu City	1	15	0.39
Fukuoka City	2	45	0.73
Kumamoto City	3	12	0.40
23-ku area of Tokyo	35	197	0.41

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