



Monthly Report of Tuberculosis Surveillance, Japan – November, 2017

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.

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Figure 1. Number of newly notified TB cases by month, Japan, 2014-2017

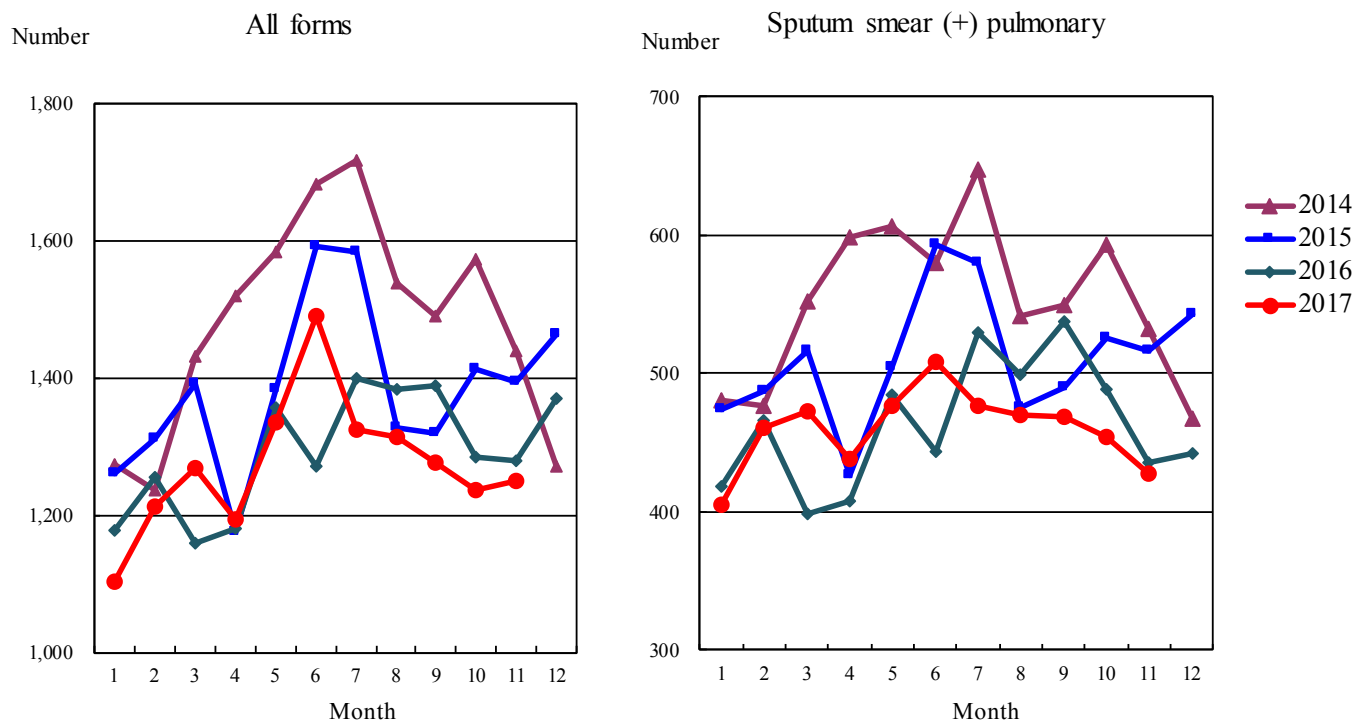


Figure 2. Newly notified TB patients by sex and age, Japan, summation (Jan.-Nov.) 2017

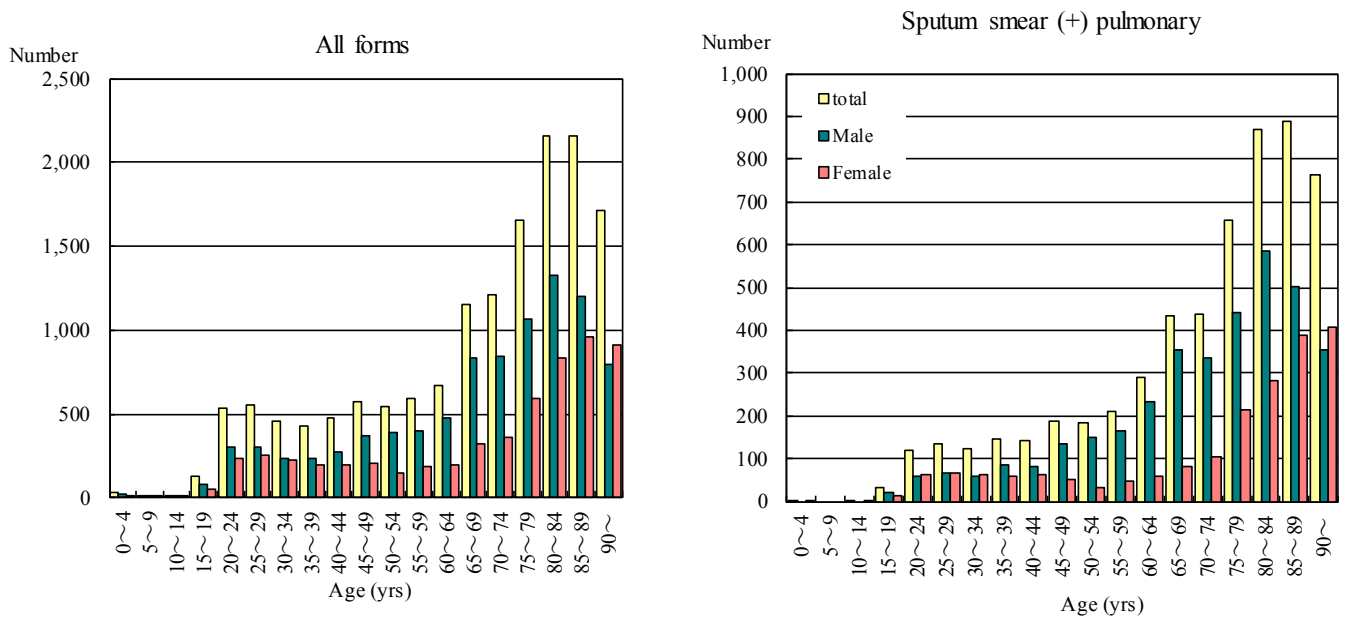


Figure 3. Notification rate of TB cases by sex and age, Japan, summation (Jan.-Nov.) 2017

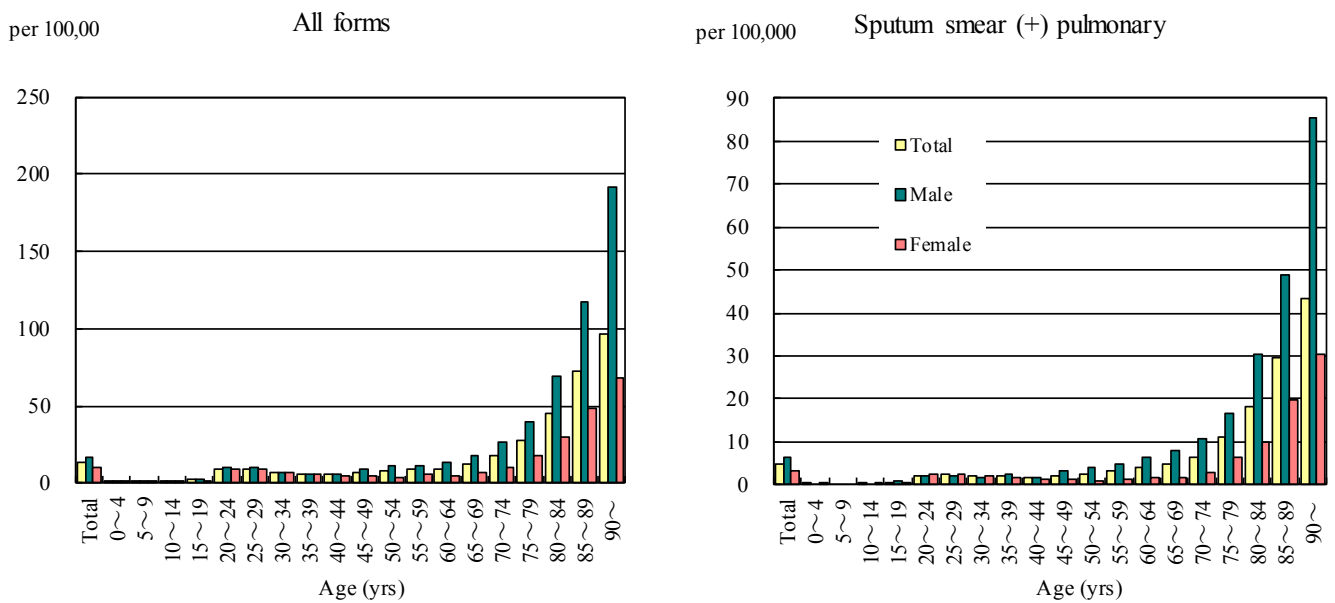


Figure 4. Notification rates of TB by prefecture, Japan, summation (Jan.-Nov.) 2017

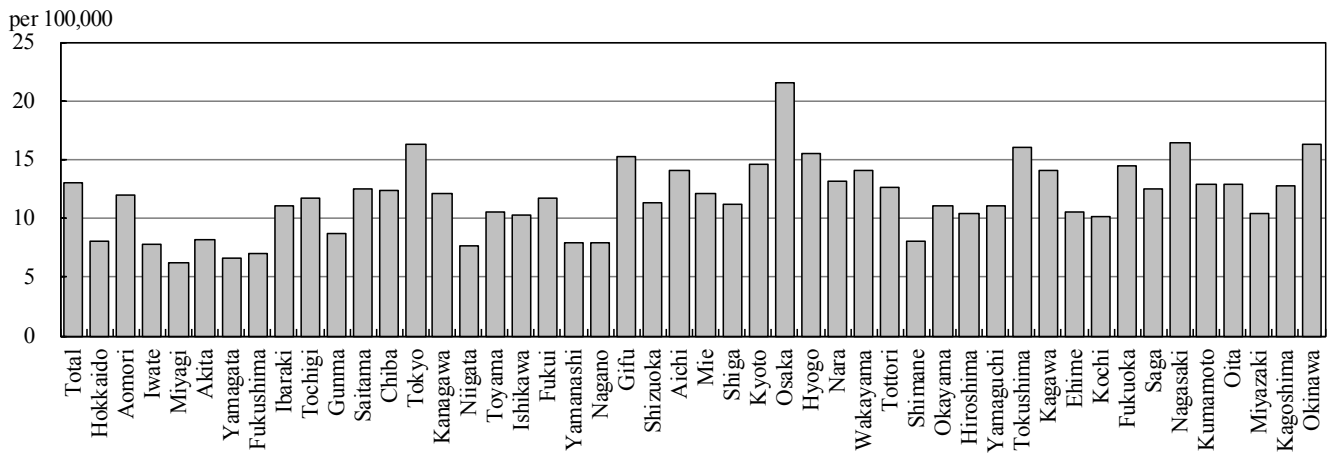


Figure 5. Notification rates of TB major city, Japan, summation (Jan.-Nov.) 2017

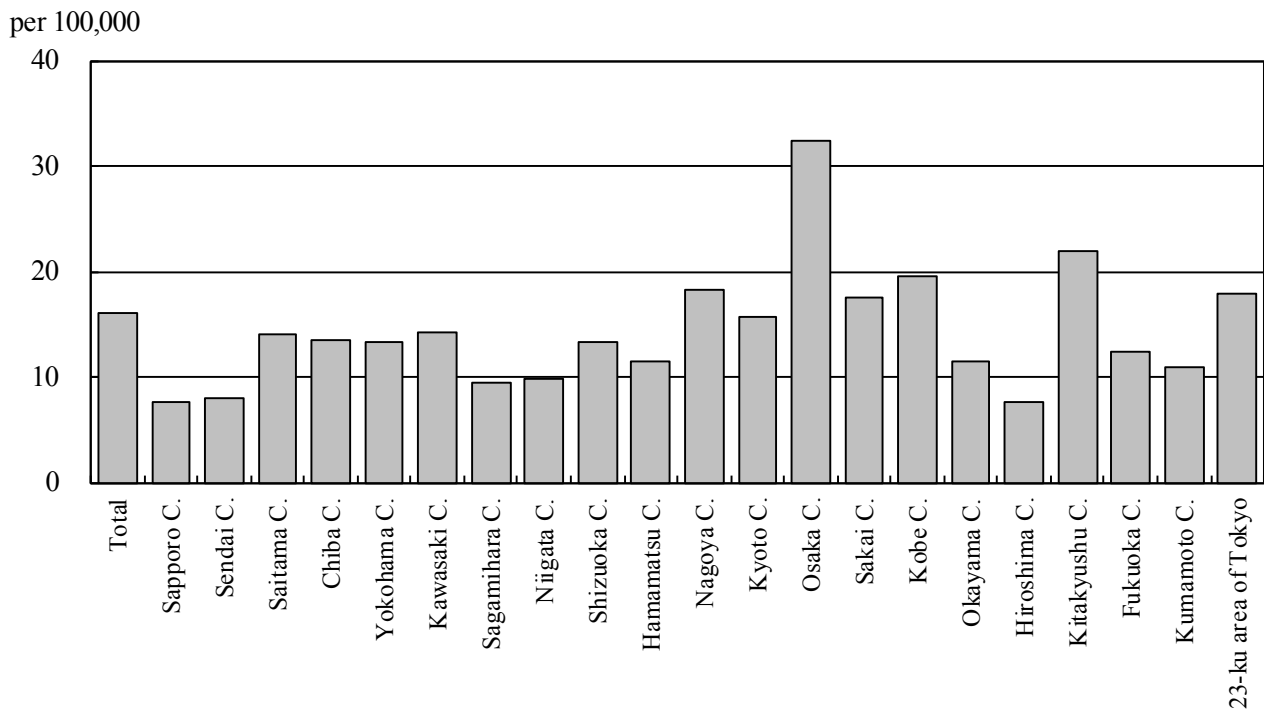


Figure 6. Number of LTBI, Japan, 2014-2017

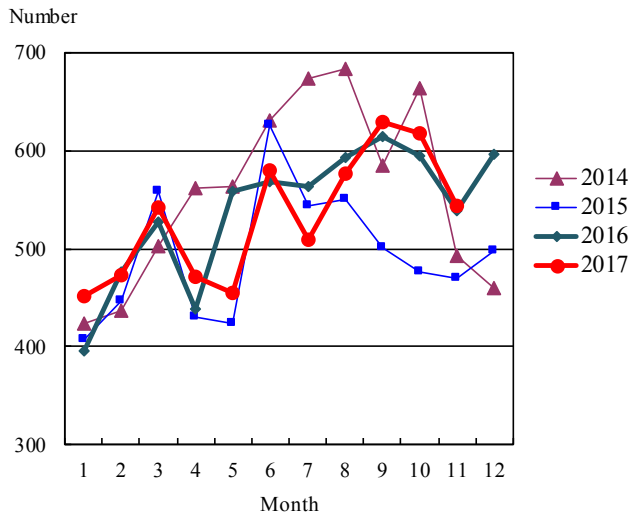


Figure 7. Number of LTBI by sex and age group, Japan, summation (Jan.-Nov.) 2017

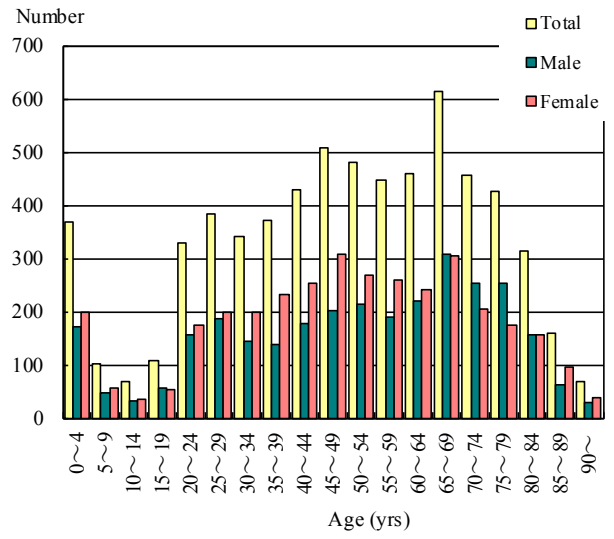


Table 1. Newly notified TB cases and rates by sex and age, Japan, 2017

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	1,250	752	498	15,081	9,169	5,912	13.0	16.2	9.9
0~4	2	2	0	32	21	11	0.7	0.9	0.5
5~9	1	0	1	9	6	3	0.2	0.2	0.1
10~14	1	0	1	15	5	10	0.3	0.2	0.4
15~19	11	6	5	130	80	50	2.3	2.8	1.9
20~24	52	29	23	539	305	234	9.6	10.5	8.5
25~29	42	25	17	558	302	256	9.5	10.1	8.9
30~34	29	19	10	458	233	225	6.9	6.9	6.9
35~39	37	19	18	432	233	199	5.8	6.2	5.4
40~44	28	18	10	475	277	198	5.3	6.1	4.5
45~49	48	27	21	576	372	204	6.8	8.7	4.8
50~54	48	38	10	542	392	150	7.5	10.8	4.2
55~59	52	37	15	593	404	189	8.6	11.7	5.4
60~64	58	43	15	673	479	194	9.0	13.0	5.1
65~69	89	64	25	1,152	833	319	12.2	18.3	6.6
70~74	99	64	35	1,207	843	364	17.8	26.6	10.0
75~79	137	77	60	1,658	1,062	596	27.7	39.9	18.0
80~84	213	119	94	2,157	1,324	833	45.4	68.9	29.5
85~89	172	92	80	2,163	1,200	963	72.1	116.9	48.8
90~	131	73	58	1,712	798	914	96.9	191.7	67.7

Temporary registrants = 50, Total of registrants and temporary registrants = 1,300

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 2. Newly notified sputum smear positive pulmonary TB cases and rates by sex and age, Japan, 2017

	Nov.			Summation (Jan.-Nov.)			Notification rate (per 100,000)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	428	267	161	5,628	3,627	2,001	4.8	6.4	3.3
0~4	0	0	0	1	0	1	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	3	0	3	0.1	0.0	0.1
15~19	2	1	1	34	22	12	0.6	0.8	0.4
20~24	17	7	10	119	58	61	2.1	2.0	2.2
25~29	6	4	2	133	66	67	2.3	2.2	2.3
30~34	3	3	0	123	60	63	1.8	1.8	1.9
35~39	10	6	4	145	86	59	1.9	2.3	1.6
40~44	10	6	4	144	82	62	1.6	1.8	1.4
45~49	15	6	9	188	135	53	2.2	3.1	1.3
50~54	12	11	1	184	150	34	2.5	4.1	0.9
55~59	16	14	2	212	163	49	3.1	4.7	1.4
60~64	27	20	7	290	232	58	3.9	6.3	1.5
65~69	23	17	6	433	353	80	4.6	7.7	1.6
70~74	39	26	13	438	334	104	6.5	10.6	2.9
75~79	48	25	23	658	443	215	11.0	16.6	6.5
80~84	76	48	28	868	584	284	18.3	30.4	10.0
85~89	70	40	30	890	503	387	29.6	49.0	19.6
90~	54	33	21	765	356	409	43.3	85.5	30.3

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 3. Newly notified TB cases and rates by prefecture, Japan, 2017

	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	1,250	428	15,081	5,628	13.0	4.8
Hokkaido	32	11	395	133	8.1	2.7
Aomori	5	3	142	64	12.0	5.4
Iwate	8	0	90	21	7.7	1.8
Miyagi	6	2	134	42	6.3	2.0
Akita	7	4	76	33	8.2	3.6
Yamagata	0	0	68	27	6.7	2.6
Fukushima	5	2	122	52	7.0	3.0
Ibaraki	14	4	294	116	11.0	4.4
Tochigi	17	5	211	91	11.7	5.0
Gunma	14	7	157	45	8.7	2.5
Saitama	59	20	838	334	12.5	5.0
Chiba	63	15	706	239	12.4	4.2
Tokyo	188	63	2,043	732	16.4	5.9
Kanagawa	88	26	1,010	363	12.0	4.3
Niigata	17	5	160	58	7.6	2.8
Toyama	7	2	103	26	10.6	2.7
Ishikawa	5	1	108	39	10.2	3.7
Fukui	8	4	84	36	11.7	5.0
Yamanashi	4	2	60	28	7.9	3.7
Nagano	10	7	152	61	7.9	3.2
Gifu	17	6	282	103	15.2	5.6
Shizuoka	37	9	384	128	11.4	3.8
Aichi	88	32	967	343	14.1	5.0
Mie	12	3	200	81	12.1	4.9
Shiga	8	3	145	50	11.2	3.9
Kyoto	28	10	349	150	14.6	6.3
Osaka	166	73	1,741	727	21.5	9.0
Hyogo	73	25	784	280	15.5	5.5
Nara	13	5	163	78	13.1	6.3
Wakayama	9	2	123	50	14.1	5.7
Tottori	5	4	66	25	12.6	4.8
Shimane	2	0	51	24	8.1	3.8
Okayama	12	1	195	79	11.1	4.5
Hiroshima	21	9	270	98	10.4	3.8
Yamaguchi	12	5	142	45	11.1	3.5
Tokushima	8	1	110	35	16.0	5.1
Kagawa	12	2	125	49	14.0	5.5
Ehime	8	2	132	50	10.5	4.0
Kochi	4	2	67	24	10.1	3.6
Fukuoka	49	18	674	257	14.4	5.5
Saga	9	4	95	42	12.5	5.5
Nagasaki	18	2	205	65	16.4	5.2
Kumamoto	17	5	210	73	12.9	4.5
Oita	21	8	137	57	12.9	5.4
Miyazaki	7	2	105	43	10.4	4.3
Kagoshima	10	3	191	63	12.7	4.2
Okinawa	27	9	215	69	16.3	5.2

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

Table 4. Newly notified TB cases and rates by major city, Japan, 2017

	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	486	160	5,408	2,002	16.0	5.9
Sapporo City	15	3	138	41	7.7	2.3
Sendai City	4	1	80	24	8.0	2.4
Saitama City	16	5	165	68	14.1	5.8
Chiba City	13	3	121	48	13.6	5.4
Yokohama City	37	11	453	149	13.2	4.4
Kawasaki City	18	6	194	79	14.2	5.8
Sagamihara City	3	0	62	24	9.4	3.6
Niigata City	8	4	73	31	9.9	4.2
Shizuoka City	7	2	86	27	13.2	4.2
Hamamatsu City	8	2	84	29	11.5	4.0
Nagoya City	41	11	385	127	18.2	6.0
Kyoto City	15	4	212	93	15.7	6.9
Osaka City	91	40	804	326	32.5	13.2
Sakai City	8	4	134	60	17.5	7.8
Kobe City	25	10	275	103	19.5	7.3
Okayama City	7	1	75	31	11.5	4.8
Hiroshima City	4	0	84	31	7.7	2.8
Kitakyushu City	12	8	193	81	22.0	9.2
Fukuoka City	14	4	177	72	12.4	5.1
Kumamoto City	7	2	74	21	10.9	3.1
23-ku area of Tokyo	133	39	1,539	537	17.9	6.3

Rate: summation / (population*1/12)*100,000

Population: as of 1st Oct. 2016

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, 2017

	Nov.			Summation (Jan.-Nov.)			(Ratio) LTBI/Newly notified cases		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	543	238	305	6,434	2,993	3,441	0.4	0.3	0.6
0~4	36	17	19	369	171	198	11.5	8.1	18.0
5~9	2	1	1	103	48	55	11.4	8.0	18.3
10~14	8	4	4	67	33	34	4.5	6.6	3.4
15~19	12	6	6	108	56	52	0.8	0.7	1.0
20~24	31	9	22	330	157	173	0.6	0.5	0.7
25~29	31	19	12	383	185	198	0.7	0.6	0.8
30~34	30	13	17	341	143	198	0.7	0.6	0.9
35~39	26	5	21	372	139	233	0.9	0.6	1.2
40~44	34	15	19	430	177	253	0.9	0.6	1.3
45~49	37	15	22	508	201	307	0.9	0.5	1.5
50~54	50	22	28	481	214	267	0.9	0.5	1.8
55~59	36	12	24	446	188	258	0.8	0.5	1.4
60~64	29	13	16	459	219	240	0.7	0.5	1.2
65~69	57	25	32	614	308	306	0.5	0.4	1.0
70~74	48	28	20	457	253	204	0.4	0.3	0.6
75~79	35	16	19	427	252	175	0.3	0.2	0.3
80~84	23	11	12	314	157	157	0.1	0.1	0.2
85~89	12	4	8	158	63	95	0.1	0.1	0.1
90~	6	3	3	67	29	38	0.0	0.0	0.0

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, 2017

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	543	6,434	0.43
Hokkaido	15	184	0.47
Aomori	7	111	0.78
Iwate	7	99	1.10
Miyagi	7	138	1.03
Akita	4	32	0.42
Yamagata	3	29	0.43
Fukushima	4	41	0.34
Ibaraki	4	140	0.48
Tochigi	4	49	0.23
Gunma	5	67	0.43
Saitama	41	439	0.52
Chiba	30	389	0.55
Tokyo	94	865	0.42
Kanagawa	30	436	0.43
Niigata	6	68	0.43
Toyama	2	61	0.59
Ishikawa	3	47	0.44
Fukui	4	45	0.54
Yamanashi	0	18	0.30
Nagano	5	105	0.69
Gifu	2	120	0.43
Shizuoka	12	128	0.33
Aichi	39	399	0.41
Mie	5	45	0.23
Shiga	7	76	0.52
Kyoto	8	151	0.43
Osaka	62	551	0.32
Hyogo	19	247	0.32
Nara	11	102	0.63
Wakayama	3	46	0.37
Tottori	3	11	0.17
Shimane	1	36	0.71
Okayama	9	136	0.70
Hiroshima	5	83	0.31
Yamaguchi	4	52	0.37
Tokushima	2	19	0.17
Kagawa	2	22	0.18
Ehime	3	49	0.37
Kochi	0	9	0.13
Fukuoka	17	282	0.42
Saga	3	24	0.25
Nagasaki	14	98	0.48
Kumamoto	6	56	0.27
Oita	9	91	0.66
Miyazaki	10	62	0.59
Kagoshima	7	64	0.34
Okinawa	5	112	0.52

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, 2017

	Nov.	Summation (Jan.-Nov.)	
	LTBI	LTBI	(Ratio) LTBI / new TB
Total	183	2,098	0.39
Sapporo City	5	74	0.54
Sendai City	6	92	1.15
Saitama City	1	40	0.24
Chiba City	2	43	0.36
Yokohama City	11	191	0.42
Kawasaki City	7	82	0.42
Sagamihara City	2	30	0.48
Niigata City	2	20	0.27
Shizuoka City	0	22	0.26
Hamamatsu City	4	25	0.30
Nagoya City	9	126	0.33
Kyoto City	6	99	0.47
Osaka City	30	231	0.29
Sakai City	4	48	0.36
Kobe City	8	89	0.32
Okayama City	4	75	1.00
Hiroshima City	0	25	0.30
Kitakyushu City	5	80	0.41
Fukuoka City	7	77	0.44
Kumamoto City	3	23	0.31
23-ku area of Tokyo	67	606	0.39

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