

Table 1 Number of tuberculosis patients by treatment history and age group, all forms, 2010

Age group	Newly notified tuberculosis patients (all forms)	Treatment history			Retreatment (%)
		New	Retreatment	Unknown	
Total	23,261	21,029	1,762	470	7.7
0-4	30	28	2	0	6.7
5-9	26	26	0	0	0.0
10-14	33	31	2	0	6.1
15-19	251	238	13	0	5.2
20-24	670	635	33	2	4.9
25-29	866	819	45	2	5.2
30-34	918	875	36	7	4.0
35-39	1,003	941	56	6	5.6
40-44	903	828	66	9	7.4
45-49	861	797	58	6	6.8
50-54	907	828	69	10	7.7
55-59	1,264	1,154	98	12	7.8
60-64	1,784	1,607	156	21	8.8
65-69	1,826	1,645	149	32	8.3
70-74	2,092	1,885	176	31	8.5
75-79	2,908	2,590	244	74	8.6
80-84	3,194	2,793	300	101	9.7
85-89	2,429	2,149	185	95	7.9
90+	1,296	1,160	74	62	6.0

Proportion of retreatment : Excluding those of unknown treatment history

Table 2 Number of retreatment tuberculosis patients by previous tuberculosis treatment regimen and age group, 2010

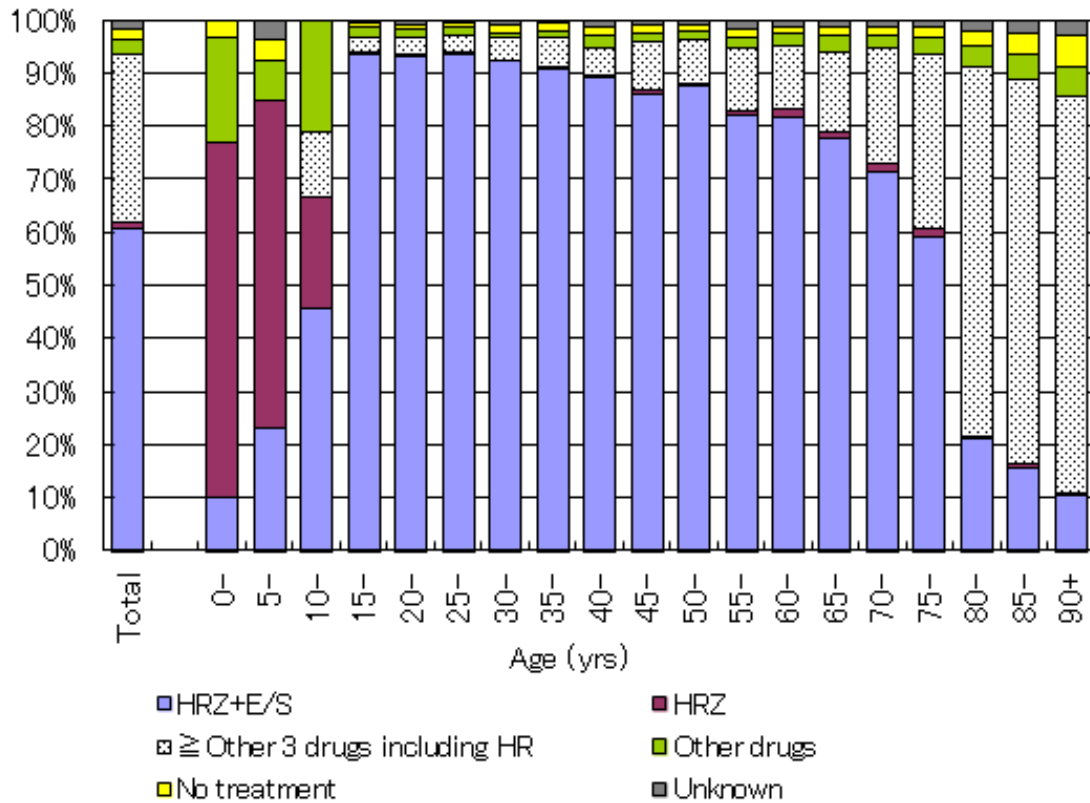
Age group	Retreatment tuberculosis patient	Previous treatment regimen				
		Regimen with HRZ	Other regimen with HR	Other regimen	LTBI treatment	Unknown
Total	1,762	485	347	240	69	621
0-4	2	0	0	0	2	0
5-9	0	0	0	0	0	0
10-14	2	0	0	0	2	0
15-19	13	5	0	0	8	0
20-24	33	16	1	0	10	6
25-29	45	22	7	2	9	5
30-34	36	17	4	0	8	7
35-39	56	27	13	1	7	8
40-44	66	34	14	2	8	8
45-49	58	25	16	1	8	8
50-54	69	30	15	3	3	18
55-59	98	42	19	5	0	32
60-64	156	60	33	11	2	50
65-69	149	51	29	19	1	49
70-74	176	42	31	33	1	69
75-79	244	60	46	52	0	86
80-84	300	29	59	68	0	144
85-89	185	21	41	28	0	95
90+	74	4	19	15	0	36

H: Isoniazid, R: Rifampicin, Z: Pyrazinamide

LTBI: Latent Tuberculosis Infection

Table 3 Number of retreatment tuberculosis patients by previous treatment year and age group, 2010

Year	Total	Age group (yrs)								(Re-count) Unknown of previous treatment regimen
		0-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Total	1,762	17	78	92	124	167	305	420	559	621
~1949	123	0	0	0	0	0	4	26	93	91
1950-59	214	0	0	0	0	0	22	83	109	101
1960-69	109	0	0	0	1	8	24	44	32	68
1970-79	59	0	0	0	3	7	15	17	17	35
1980-89	60	0	2	2	4	10	14	9	19	26
1990-99	152	0	2	9	14	23	39	33	32	33
2000-09	824	17	72	78	98	104	154	153	148	70
Unknown	221	0	2	3	4	15	33	55	109	197
2000~2010年	(Re-count) 2000-2010									
2000	36	0	4	4	3	1	8	9	7	9
2001	30	0	0	4	4	7	6	6	3	6
2002	33	0	1	2	5	4	9	4	8	5
2003	40	0	1	3	9	7	5	9	6	5
2004	42	1	4	4	6	4	9	8	6	4
2005	56	0	3	6	7	7	13	12	8	6
2006	61	1	5	6	4	8	8	8	21	8
2007	103	3	7	8	12	14	17	22	20	5
2008	185	4	17	12	21	17	43	40	31	6
2009	197	2	25	23	18	30	33	31	35	14
2010	41	6	5	6	9	5	3	4	3	2



H: Isoniazid, R: Rifampicin, Z: Pyrazinamide, E: Ethambutol, S: Streptomycin

Figure Initial treatment regimen of newly notified tuberculosis patients by age group, 2010

Table 4 Duration of Pyrazinamide treatment in the initial phase of treatment among the treatment completed patients (*1), patients registered as new in 2009

	Total	Completed (%)
Total	14,922	12,063
2 months	11,094	10,709 (90.0)
≥1 month and <2 months	655	552 (4.6)
<1 month	738	633 (5.3)
data unknown	2,435	169 (-)

*1 treatment completed patient: Patient who completed the treatment by physician's order

%; Proportion excluding data unknown patients.

Table 1 Proportion (%) of the hospitalized among newly notified tuberculosis patients in 2010, by age group and patient classification

Age	Pulmonary tuberculosis								Extra-pulmonary	
	Total		Sputum-smear positive		Other bacillary positive		Bacillary negative / unknown		Ht	Ho
	Ht	Ho	Ht	Ho	Ht	Ho	Ht	Ho		
Total	53.7	7.6	88.9	2.5	22.7	13.4	13.1	10.9	26.8	21.9
0-19	27.8	4.6	77.6	3.0	16.5	6.6	8.9	4.1	23.7	22.0
20-29	32.8	1.6	87.9	0.3	12.7	2.3	5.5	2.0	20.0	10.2
30-39	39.8	2.8	88.9	0.7	15.0	3.8	4.9	4.5	17.3	12.7
40-49	43.2	2.8	87.7	1.0	11.5	4.9	9.6	3.0	15.6	12.6
50-59	51.0	5.0	89.3	1.2	19.4	8.1	11.6	8.9	18.5	16.0
60-69	53.6	7.5	88.8	2.6	18.2	12.3	20.0	12.2	22.2	19.3
70-79	57.6	9.3	89.0	2.8	24.3	16.8	17.5	16.1	27.0	22.7
80-89	64.9	11.7	89.8	3.5	32.4	22.0	20.4	28.2	35.8	27.9
90+	68.0	12.9	87.4	4.1	40.6	24.8	27.1	35.4	35.8	33.5

Ht: Hospitalized for tuberculosis treatment

Ho: Hospitalized mainly due to other diseases

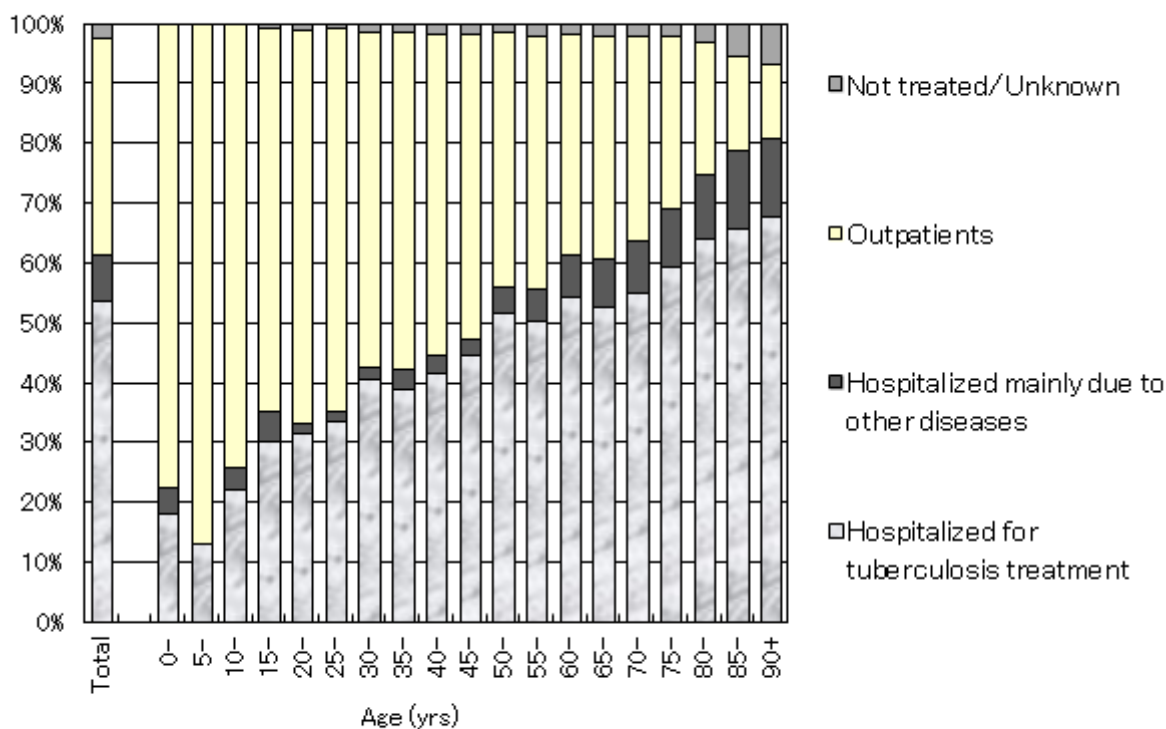


Figure 1 Proportion of initial treatment status among newly notified pulmonary tuberculosis patients by age group, 2010

Table 2 Duration of hospitalization among newly notified tuberculosis patients receiving initial treatment at hospital in 2009 by patient classification

	Newly notified tuberculosis patients						
	Total	Pulmonary tuberculosis					
		sub-total	Sputum-smear positive		Other bacillary positive	Bacillary negative / unknown	Extra-pulmonary
			New	Retreatment			
Total	23,779	18,633	8,772	817	5,977	3,067	5,146
Hospitalized for tuberculosis treatment	11,818	10,379	7,839	737	1,356	447	1,439
Data available on date of discharge	9,280	8,308	6,376	600	1,028	304	972
Duration of hospitalization among those hospitalized for tuberculosis treatment, and with known date of discharge							
Median (days)	66	68	73	75	42	40.5	44
80%ile (days)	119	119	121	128	86	116	110

*: Irrespective of the reason for discharge from hospital

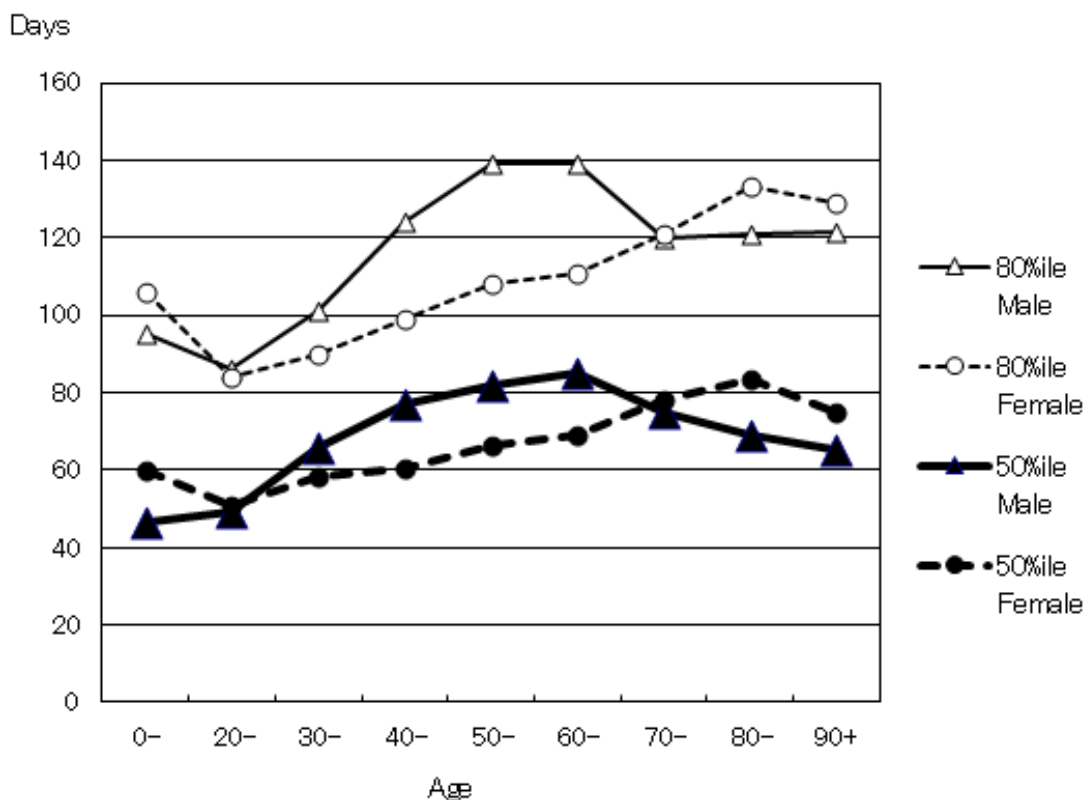


Figure 2 Median (50%ile) and 80%ile of duration of hospitalization among those hospitalized for tuberculosis treatment and with known discharged day, new sputum-smear positive pulmonary tuberculosis patients in 2009 by sex

Table 3 Treatment status and duration of treatment at the end of years (2009/2010) among those newly notified and started tuberculosis treatment in previous years (2008/2009) by patient classification

	Newly notified tuberculosis patients							(Not included in the total) LTBI
	Total	Pulmonary tuberculosis					Extra-pulmonary	
		sub-total	Sputum smear positive		Other bacillary positive	Bacillary negative / unknown		
			New	Retreatment				
New cases in 2008*	24,571	19,274	8,999	826	6,172	3,277	5,297	4,834
Known treatment status	23,987 (100%)	18,791 (100%)	8,786 (100%)	812 (100%)	5,974 (100%)	3,219 (100%)	5,196 (100%)	4,731 (100%)
Stopped treatment	18,944 (79.0)	14,833 (78.9)	6,557 (74.6)	577 (71.1)	4,948 (82.8)	2,751 (85.5)	4,111 (79.1)	4,334 (91.6)
Completed	16,987 (70.8)	13,317 (70.9)	5,730 (65.2)	497 (61.2)	4,550 (76.2)	2,540 (78.9)	3,670 (70.6)	3,973 (84.0)
Others	1,686 (7.0)	1,303 (6.9)	728 (8.3)	67 (8.3)	339 (5.7)	169 (5.3)	383 (7.4)	279 (5.9)
Defaulted	248 (1.0)	196 (1.0)	94 (1.4)	11 (1.4)	52 (0.9)	39 (1.2)	52 (1.0)	75 (1.6)
Unknown	23 (0.1)	17 (0.1)	5 (0.1)	2 (0.2)	7 (0.1)	3 (0.1)	6 (0.1)	7 (0.1)
Median of duration of treatment among those completed treatment and still receiving treatment*								
Subjects#	18,641	14,515	6,301	573	4,921	2,720	4,126	4,176
Median (days)	272	271	277	286	242	198	273	183
New cases in 2009**	23,779	18,633	8,772	817	5,977	3,067	5,146	4,057
Known treatment status	23,265 (100%)	18,196 (100%)	8,583 (100%)	808 (100%)	5,800 (100%)	3,005 (100%)	5,069 (100%)	3,992 (100%)
Stopped treatment	18,898 (81.2)	14,756 (81.1)	6,630 (77.2)	600 (74.3)	4,886 (84.2)	2,640 (87.9)	4,142 (81.7)	3,741 (93.7)
Completed	16,955 (72.9)	13,305 (73.1)	5,803 (67.6)	511 (63.2)	4,524 (78.0)	2,467 (82.1)	3,650 (72.0)	3,386 (84.8)
Others	1,667 (7.2)	1,244 (6.8)	729 (8.5)	78 (9.7)	303 (5.2)	134 (4.5)	423 (8.3)	274 (6.9)
Defaulted	254 (1.1)	191 (1.0)	90 (1.0)	9 (1.1)	56 (1.0)	36 (1.2)	63 (1.2)	75 (1.9)
Unknown	22 (0.1)	16 (0.1)	8 (0.1)	2 (0.2)	3 (0.1)	3 (0.1)	6 (0.1)	6 (0.2)
Median of duration of treatment among those completed treatment and still receiving treatment*								
Subjects#	18,191	14,193	6,195	572	4,825	2,601	3,998	3,522
Median (days)	270	270	276	285	241	196	272	184

*: Based on the annual report database in 2009

** : Based on the annual report database in 2010

Subjects: Those who completed tuberculosis treatment or those who were still receiving treatment at the end of the years (2009/2010)

LTBI: Latent Tuberculosis Infection

Table 4 Treatment with INH or RFP during the treatment course among those newly notified tuberculosis patients in 2009, by completion of standard treatment regimen

	Treatment with INH		Treatment with RFP	
	Total	Completed	Total	Completed
Total	22,864	16,808 (100%)	22,706	16,786 (100%)
Full course without interruption	15960	15,292 (91.0)	15,878	15,238 (90.8)
Full course with interruption	1194	1,004 (6.0)	1186	997 (5.9)
Interrupted and discontinued	689	456 (2.7)	684	452 (2.7)
Unknown*	5,021	56 (0.3)	4958	99 (0.6)

*: Including those who were still receiving treatment with INH or RFP and those who were deleted from registration during their treatment.

INH: Isoniazid, RFP: Rifampicin