

Rate per 100,000 population

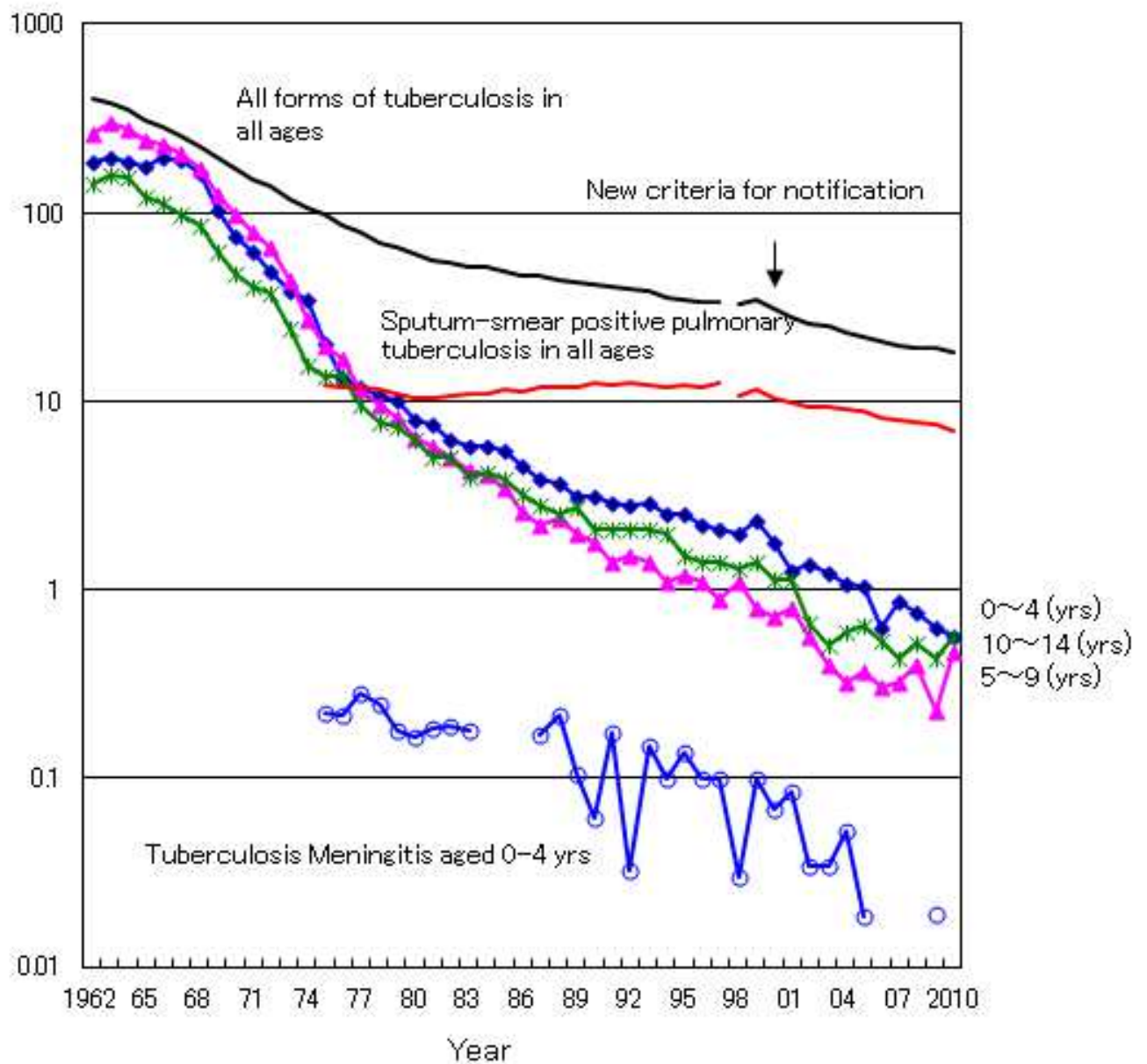


Figure 1 Trend of childhood tuberculosis notification rates per 100,000 population, 1962-2010

Table 1 Number (rates) of childhood tuberculosis patients, pulmonary tuberculosis and specific extra-pulmonary tuberculosis, 1965–2010

Year	Newly notified tuberculosis patients, 0–14 yrs		Active pulmonary tuberculosis, 0–14 yrs				Extra-pulmonary tuberculosis, 0–14 yrs				
	Total Number	Rate	All	All sputum-smear positive tuberculosis	Other bacillary positive		All	Meningeal tuberculosis		Miliary tuberculosis	
					Other bacteriologically positive	Bacteriologically negative or Unknown		0–14 yrs	0–4 yrs (rate)	0–14 yrs	0–4 yrs (rate)
1965	44,180	175.6	38,119	—	—	—	4,749	—	—	—	—
1970	18,197	73.4	15,653	—	—	—	2,486	—	—	—	—
1975	4,905	18.0	4,141	—	—	—	745	28	22 (0.221)	—	—
1980	1,893	6.9	1,557	36	18	1,503	329	22	14 (0.164)	—	—
1985	1,088	4.2	893	30	40	823	188	—	—	—	—
1990	518	2.3	391	26	13	352	127	9	4 (0.061)	10	8 (0.122)
1995	340	1.7	271	29	12	230	66	8	8 (0.136)	8	8 (0.136)
2000	220	1.2	127	7	22	98	93	7	4 (0.069)	3	3 (0.052)
2005	117	0.7	82	6	13	63	35	3	1 (0.018)	3	1 (0.018)
2006	85	0.5	58	6	12	40	27	0	0	1	1 (0.018)
2007	92	0.5	67	4	17	46	25	0	0	0	0
2008	95	0.6	59	3	18	38	36	0	0	1	1 (0.019)
2009	73	0.4	46	4	10	32	27	1	1 (0.019)	4	3 (0.056)
2010	89	0.5	64	7	15	42	25	0	0	0	0

Rate: per 100,000 population

Table 2 Trend of newly notified childhood tuberculosis patients by age and calendar year, 1998–2010

Year	Age (yrs)														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13		14
1998	31	39	15	18	16	12	18	14	13	10	7	7	29	18	27	274
1999	43	35	24	23	9	10	15	8	7	10	8	9	27	27	25	280
2000	29	27	19	14	14	8	10	13	5	7	14	11	21	12	16	220
2001	27	18	14	9	7	4	14	11	11	8	8	4	23	18	19	195
2002	30	21	14	12	3	9	8	5	6	6	2	3	14	15	7	155
2003	23	15	17	5	12	9	5	4	1	5	4	3	4	10	10	127
2004	20	18	9	5	10	5	2	3	5	4	3	4	12	6	11	117
2005	23	11	5	13	4	4	3	7	5	3	6	5	7	13	8	117
2006	9	6	8	6	6	6	3	3	2	4	3	4	3	13	9	85
2007	21	5	7	12	2	6	5	2	4	2	2	4	4	7	9	92
2008	11	14	11	4	1	2	6	2	5	8	2	5	7	8	9	95
2009	15	8	6	3	2	4	4	1	3	1	6	1	5	8	6	73
2010	10	6	5	5	4	6	6	8	3	3	5	4	4	7	13	89

School mass-examination was revised in 2003.

Upper-limitation age of BCG vaccination was changed from 4 years to 6 months, with introduction of direct vaccination policy in 2005.

Table 3 Number of newly notified childhood tuberculosis patients by age and mode of detection, 2010

	Age (yrs)														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13		14
School mass-examination	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Family contact examination	6	3	1	4	3	4	2	4	1	2	2	1	1	3	3	40
Other contact examination	—	—	1	1	—	—	1	—	—	1	—	1	1	1	3	10
At clinics/hospitals (symptoms)	4	2	3	—	1	1	3	3	2	—	3	1	1	2	4	30
Others	—	1	—	—	—	1	—	1	—	—	—	—	1	1	3	8
Total	10	6	5	5	4	6	6	8	3	3	5	4	4	7	13	89

Table 4 Number of prefectures by number of childhood tuberculosis patients, 1980–2010

Year	Number of childhood tuberculosis patients							Total
	0	1	2~4	5~9	10~14	15~19	20+ (cases)	
1980	0	0	1	6	7	4	29	47
1985	0	0	5	11	10	2	19	47
1990	0	3	13	11	8	2	10	47
1995	3	6	14	13	4	2	5	47
2000	9	8	13	10	3	1	3	47
2005	17	8	13	7	2	0	0	47
2006	19	13	8	6	1	0	0	47
2007	17	12	11	5	2	0	0	47
2008	14	12	16	4	1	0	0	47
2009	27	6	8	4	2	0	0	47
2010	15	14	14	3	0	0	1	47

Table 5 Proportion of BCG vaccinated cases among newly notified childhood TB patients and LTBI cases, 2010

	Age in years										0-4	5-9	10-14	Total
	Age in months					0	1	2	3	4				
	0-2	3-5	6-8	9-11	Total									
TB cases	2	1	3	4	10	6	5	5	4	30	26	33	89	
BCG vaccinated	0	1	3	4	8	5	5	4	2	24	18	25	67	
BCG not vaccinated	2	0	0	0	2	1	0	1	1	5	5	3	13	
BCG unknown	0	0	0	0	0	0	0	0	1	1	3	5	9	
BCG vaccinated (%)	0.0	100.0	100.0	100.0	80.0	83.3	100.0	80.0	66.7	82.8	78.3	89.3	83.8	
LTBI cases	22	66	40	24	152	66	65	57	30	370	160	162	692	
BCG vaccinated	1	43	37	22	103	59	58	51	27	298	141	134	573	
BCG not vaccinated	20	22	1	1	44	0	2	2	1	49	9	4	62	
BCG unknown	1	1	2	1	5	7	5	4	2	23	10	24	57	
BCG vaccinated (%)	4.8	66.2	97.4	95.7	70.1	100.0	96.7	96.2	96.4	85.9	94.0	97.1	90.2	

(%): Proportion of BCG vaccinated cases among all TB/LTBI cases excluding BCG unknown

TB: tuberculosis, LTBI: Latent Tuberculosis Infection