

Table1 Proportion of the mode of detection among newly notified tuberculosis patients, 1998–2010

Year	Newly notified TB patients	Individual medical checkup	Mass screening				Contact examination		Medical institutions			Others	Unknown
			Schools	Residents	Employees	Facilities	Family	Others	Outpatients with TB symptoms (*1)	Inpatients with other diseases	Outpatients with other diseases		
	<i>n</i>	%	%	%	%	%	%	%	%	%	%	%	%
1998	41,033	2.6	1.0	3.8	7.6	0.4	1.5	1.2	78.3	–	–	2.7	1.0
1999	43,818	2.6	0.9	3.4	7.6	0.5	1.5	1.4	78.5	–	–	2.9	0.8
2000	39,384	2.3	1.1	3.6	8.3	0.5	1.4	1.2	78.3	–	–	2.8	0.5
2001	35,489	2.4	1.1	3.5	8.2	0.5	1.4	1.3	78.6	–	–	2.7	0.3
2002	32,828	2.1	1.1	3.2	8.0	0.6	1.4	1.5	78.7	–	–	2.9	0.5
2003	31,638	2.0	1.0	2.8	7.7	0.6	1.4	1.4	79.7	–	–	2.9	0.5
2004	29,736	2.1	1.0	2.8	7.4	0.6	1.3	1.6	79.6	–	–	2.8	0.9
2005	28,319	2.1	0.9	2.4	7.3	0.5	1.4	1.7	80.4	–	–	2.4	0.9
2006	26,384	2.1	0.9	2.3	7.6	0.6	1.3	1.2	81.2	–	–	2.5	0.5
2007	25,311	2.1	0.9	2.5	7.6	0.6	1.4	1.5	67.2	8.0	6.4	1.3	0.6
2008	24,760	2.6	0.8	2.0	7.6	0.6	1.3	1.7	62.0	10.8	8.5	1.3	1.0
2009	24,170	2.5	0.8	2.3	7.2	0.6	1.3	1.3	61.5	11.4	9.2	1.2	0.6
2010	23,261	2.2	1.0	2.3	7.0	0.6	1.3	1.5	59.8	12.0	9.9	1.4	1.0

TB: tuberculosis

TB symptoms: Respiratory symptoms such as cough, sputum expectoration, bloody sputum, and hemoptysis; and other symptoms such as wheezing, chest pain, back pain, dyspnea, fever, night sweating, fatigue tendency, and weight loss.

Table 2 Proportion of mode of detection among newly notified tuberculosis patients by age group, in 2010

Age groups	Newly notified TB patients	Individual medical checkup	Mass screening				Contact examination		Medical institutions			Others	Unknown
			Schools	Residents	Employees	Facilities	Family	Others	Outpatients with TB symptoms (*1)	Inpatients with other diseases	Outpatients with other diseases		
	<i>n</i>	%	%	%	%	%	%	%	%	%	%	%	%
All forms of TB													
Total	23,261	2.2	1.0	2.3	7.0	0.6	1.3	1.5	59.8	12.0	9.9	1.4	1.0
0–14	89	0.0	1.1	0.0	0.0	0.0	44.9	11.2	33.7	2.2	2.2	3.4	1.1
15–19	251	1.2	26.7	0.0	4.4	0.4	11.6	9.2	40.6	2.8	1.2	1.6	0.4
20–24	670	2.5	20.0	0.4	17.2	0.0	3.0	3.4	46.9	1.2	0.7	3.3	1.3
25–29	866	2.1	3.9	0.3	23.6	0.6	1.7	5.7	55.9	1.2	1.3	2.1	1.7
30–34	918	1.9	0.5	0.8	22.5	0.3	1.5	3.8	60.9	1.6	2.7	1.5	1.9
35–39	1,003	2.5	0.2	0.9	22.1	0.4	1.4	3.2	60.1	2.2	4.1	1.7	1.2
40–44	903	4.1	0.0	2.9	18.9	0.3	2.0	3.5	58.3	3.2	3.9	2.2	0.7
45–49	861	3.5	0.0	2.8	19.7	0.9	2.9	2.4	56.1	3.7	5.3	1.4	1.2
50–54	907	3.4	0.1	1.9	17.3	1.3	2.1	1.7	57.1	5.8	6.4	1.9	1.0
55–59	1,264	2.9	0.0	2.9	12.5	1.1	1.9	2.6	57.0	7.2	8.0	2.8	1.1
60–64	1,784	2.2	0.0	3.1	7.5	0.6	1.6	1.4	60.7	9.0	11.3	2.0	0.6
65–69	1,826	2.6	0.0	4.3	2.1	0.3	1.1	0.8	60.9	11.8	13.4	1.5	1.3
70–74	2,092	2.1	0.0	3.9	0.9	0.3	0.8	0.9	60.5	14.1	14.5	0.7	1.3
75–79	2,908	1.8	0.0	3.1	0.2	0.4	0.5	0.2	60.9	16.5	14.5	1.1	0.7
80–84	3,194	1.8	0.0	2.3	0.1	0.6	0.4	0.2	61.7	17.8	13.5	0.8	0.8
85–89	2,429	1.3	0.0	1.1	0.0	0.8	0.1	0.2	63.3	21.2	10.4	0.9	0.7
90+	1,296	1.7	0.0	0.8	0.0	0.5	0.2	0.2	63.4	22.4	9.4	0.8	0.5

(Re-count) Sputum smear positive pulmonary TB

Total	9,019	1.6	0.4	1.5	3.5	0.4	0.4	0.6	68.3	12.7	8.8	1.1	0.7
0–14	7	0.0	0.0	0.0	0.0	0.0	28.6	28.6	42.9	0.0	0.0	0.0	0.0
15–19	60	1.7	18.3	0.0	3.3	0.0	5.0	6.7	61.7	3.3	0.0	0.0	0.0
20–24	166	1.2	12.0	0.6	10.2	0.0	0.0	3.0	68.1	1.2	0.6	1.8	1.2
25–29	223	0.9	0.9	0.0	12.1	0.0	1.8	1.3	76.7	1.8	1.3	1.8	1.3
30–34	282	0.7	0.0	0.4	13.1	0.0	0.0	1.8	78.4	1.8	1.4	1.4	1.1
35–39	314	1.0	0.0	1.0	11.8	0.3	0.3	0.3	77.4	0.3	4.8	1.6	1.3
40–44	303	4.0	0.0	2.0	10.9	0.0	1.0	1.0	71.3	4.0	2.3	3.3	0.3
45–49	313	3.8	0.0	1.3	10.5	1.0	1.0	0.0	72.5	3.5	6.1	0.0	0.3
50–54	365	1.9	0.3	0.3	12.6	1.4	0.8	0.3	69.6	4.9	5.2	2.2	0.5
55–59	494	2.0	0.0	2.0	7.9	0.4	1.0	1.6	70.2	7.3	4.7	2.2	0.6
60–64	709	1.3	0.0	2.3	5.2	0.3	0.8	0.1	71.1	8.2	8.2	2.1	0.4
65–69	680	0.6	0.0	2.6	0.4	0.4	0.1	0.6	69.4	11.9	11.9	1.3	0.6
70–74	794	1.3	0.0	2.4	0.9	0.3	0.3	0.6	66.1	14.2	12.0	0.6	1.4
75–79	1,200	1.4	0.0	2.1	0.0	0.3	0.3	0.2	64.9	16.9	12.7	0.8	0.4
80–84	1,397	1.6	0.0	1.6	0.1	0.3	0.1	0.4	65.6	16.5	12.7	0.4	0.6
85–89	1,124	1.2	0.0	0.5	0.0	0.8	0.1	0.0	65.9	21.4	8.9	0.4	0.7
90+	588	2.2	0.0	0.9	0.0	0.7	0.0	0.0	66.3	22.3	7.0	0.5	0.2

TB: tuberculosis

TB symptoms: Respiratory symptoms such as cough, sputum expectoration, bloody sputum, and hemoptysis; and other symptoms such as wheezing, chest pain, back pain, dyspnea, fever, night sweating, fatigue tendency, and weight loss.

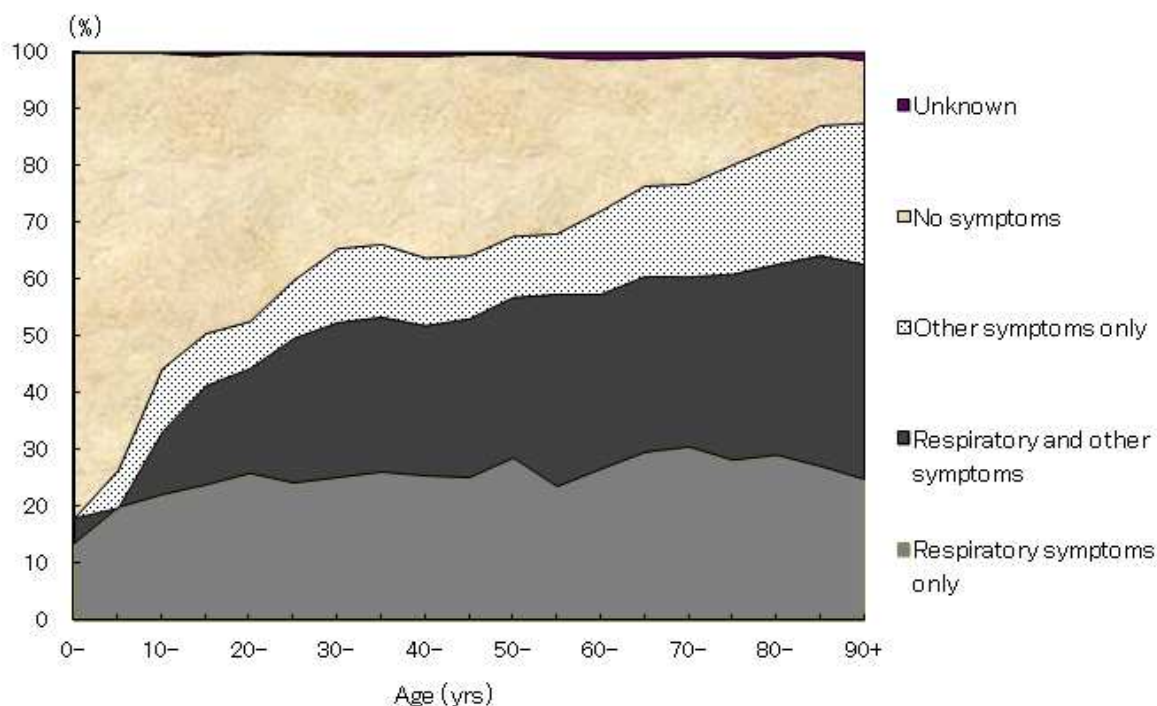


Figure 1 Proportion of symptoms among newly notified pulmonary tuberculosis patients by 5-year age group, in 2010

Respiratory symptoms include cough, sputum expectoration, bloody sputum, and hemoptysis. Other symptoms include wheezing, chest pain, back pain, dyspnea, fever, night sweating, fatigue tendency, and weight loss.

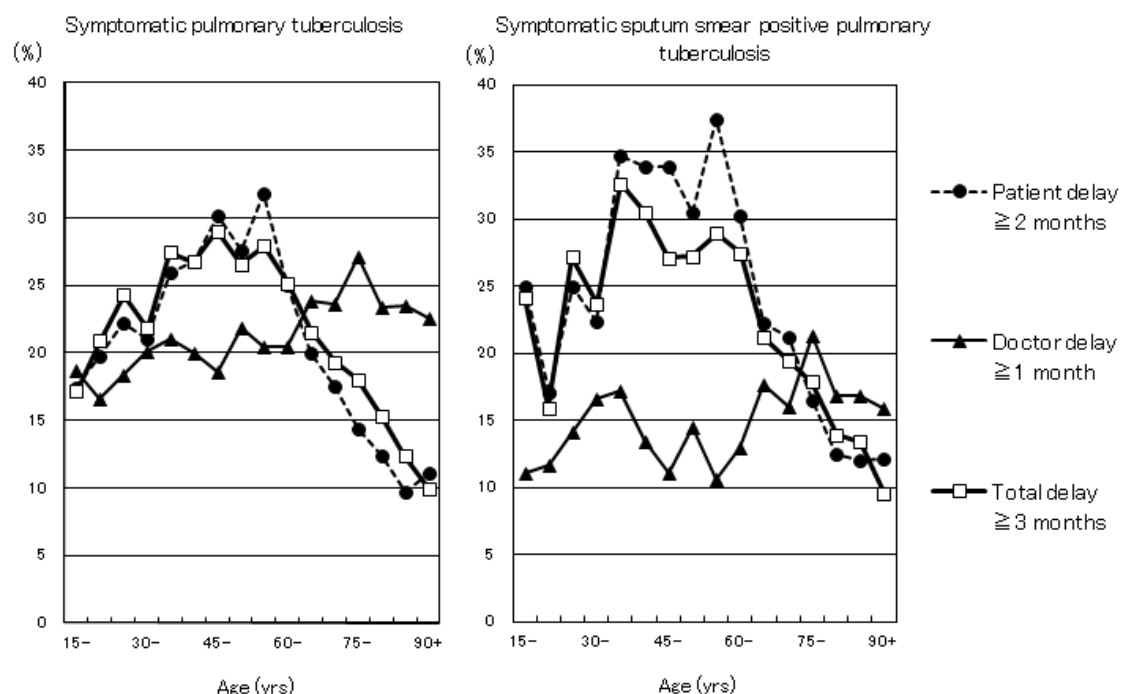


Figure 2 Proportion of patient delay, doctor delay and total delay among symptomatic pulmonary tuberculosis patients by 5-year age group, in 2010

**Patient delay:** The amount of time between the onset of symptoms and the initial consultation visit to a medical institution is 2 months or more.

**Doctor delay:** The amount of time between the initial consultation visit of the patient to a medical institution and the diagnosis of tuberculosis is 1 month or more.

**Total delay:** The amount of time between the onset of symptoms and the diagnosis of tuberculosis is 3 months or more.

Table 3 Number of newly notified tuberculosis patients by occupation, sex, and age group, in 2010

Sex / Age group	Total	Service workers	Nurses / Public health nurses	Medical doctors / dentists	Other medical workers	Teachers / Nursery nurses	Pupils / Students	Other regular workers	Other temporary / daily workers	Other self-employed	House-keepers	Infants / Unemployed / Others	Unknown
Male	14,628	402	19	73	48	40	306	2,922	503	862	25	9,005	398
0-14	41	0	0	0	0	0	0	0	0	0	0	22	0
15-19	144	2	0	0	0	0	94	31	4	1	0	5	2
20-24	361	18	1	0	2	1	146	134	25	1	0	22	11
25-29	467	46	3	7	10	3	51	236	31	11	0	57	12
30-39	1,042	97	5	16	19	6	12	608	58	52	0	133	36
40-49	1,157	54	2	10	7	9	0	604	76	104	0	259	32
50-59	1,580	68	5	10	5	14	2	674	93	154	1	495	58
60-69	2,606	85	2	5	4	5	1	523	163	233	3	1,475	107
70-79	3,268	27	1	7	0	2	0	99	50	197	10	2,788	87
80+	3,962	5	0	18	1	0	0	13	3	109	11	3,749	53
Female	8,633	288	297	18	109	53	274	793	307	168	653	5,482	191
0-14	48	0	0	0	0	0	34	0	0	0	0	14	0
15-19	107	2	1	0	0	0	85	9	4	1	1	4	0
20-24	309	25	14	0	13	5	119	75	23	0	7	22	6
25-29	399	42	46	4	11	14	21	120	29	5	35	61	11
30-39	879	70	107	7	37	11	14	217	88	20	133	147	28
40-49	607	64	70	1	19	7	1	152	58	28	81	101	25
50-59	591	41	53	1	22	11	0	124	47	21	90	161	20
60-69	1,004	30	5	0	7	5	0	72	43	46	157	611	28
70-79	1,732	12	1	2	0	0	0	19	13	26	113	1,512	34
80+	2,957	2	0	3	0	0	0	5	2	21	36	2,849	39

Table4 Proportion of the mode of detection among newly notified pulmonary tuberculosis patients aged 20-59 years by occupation, in 2010

	Pulmonary TB patients	Individual medical checkup	Mass screening			Contact examination		Medical institutions			Others / Unknown
			Residents	Employees	Schools / Facilities	Family	Others	Outpatients with TB symptoms (*2)	Inpatients with other diseases	Outpatients with other diseases	
	n	%	%	%	%	%	%	%	%	%	
<b>Total</b>	<b>6,184</b>	<b>3.3</b>	<b>1.9</b>	<b>22.3</b>	<b>3.6</b>	<b>2.3</b>	<b>3.6</b>	<b>52.6</b>	<b>3.0</b>	<b>3.8</b>	<b>3.5</b>
Service workers	435	2.1	1.8	18.4	0.0	1.6	3.7	63.4	2.5	3.7	2.8
Medical workers (*1)	431	2.8	0.0	39.4	0.0	0.2	12.8	38.5	0.7	1.9	3.7
Teachers / Nursery nurses	69	5.8	0.0	34.8	5.8	5.8	1.4	33.3	1.4	8.7	2.9
Students	327	3.1	1.8	1.2	51.7	0.9	2.1	32.1	0.3	0.3	6.4
Other regular workers	2,482	2.8	0.6	38.0	0.2	2.3	3.5	46.4	1.2	2.8	2.3
Other temporary/ daily workers	454	2.0	2.0	17.8	0.2	2.9	5.7	61.9	2.6	2.9	2.0
Other self-employed	337	5.9	7.1	5.0	0.3	2.4	1.5	65.3	3.3	6.2	3.0
Housekeepers	256	6.6	5.1	3.9	0.0	5.9	1.2	64.1	3.5	5.9	3.9
Jobless/ Others	1,209	3.9	3.6	2.0	3.4	2.4	2.1	62.9	8.4	6.8	4.6
Unknown	184	2.7	0.0	12.0	1.1	4.9	0.0	57.1	5.4	3.8	13.0

TB: tuberculosis

\*1 Medical workers include nurses, public health nurses, medical doctors and dentists, physical therapists, occupational therapists, medical technologists, radiographers, and co-medicals.

\*2 TB symptoms: Respiratory symptoms such as cough, sputum expectoration, bloody sputum, and hemoptysis; and other symptoms such as wheezing, chest pain, back pain, dyspnea, fever, night sweating, fatigue tendency, and weight loss.