

JAPAN, Aichi (2008-2012)

	Number of cases							Percentage				Incidence rates per million person-years								MV % 0-19	DCO % 0-19	
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR	0-19			0-14
I LEUKAEMIA	13	82	74	40	63	209	272	33.3	100.0	32.2	100.0	37.4	59.2	41.8	21.9	34.4	41.0	39.6	592	764	100.0	0.0
a. Lymphoid	4	63	61	28	27	156	183	24.9	74.6	21.7	67.3	11.5	45.5	34.4	15.3	14.8	30.5	27.0	442	516	100.0	0.0
b. Acute myeloid	8	12	10	8	20	38	58	6.1	18.2	6.9	21.3	23.0	8.7	5.6	4.4	10.9	7.6	8.3	108	162	100.0	0.0
c. CMD	0	0	0	2	9	2	11	0.3	1.0	1.3	4.0	-	-	-	1.1	4.9	0.3	1.4	5	30	100.0	0.0
d. MDS & other	1	4	1	2	6	8	14	1.3	3.8	1.7	5.1	2.9	2.9	0.6	1.1	3.3	1.6	2.0	23	39	100.0	0.0
e. Unspecified	0	3	2	0	1	5	6	0.8	2.4	0.7	2.2	-	2.2	1.1	-	0.5	1.0	0.9	14	17	100.0	0.0
II LYMPHOMA & RELATED	5	6	13	21	22	45	67	7.2	100.0	7.9	100.0	14.4	4.3	7.3	11.5	12.0	8.2	9.0	126	186	97.0	0.0
a. Hodgkin	0	0	2	4	9	6	15	1.0	13.3	1.8	22.4	-	-	1.1	2.2	4.9	1.0	1.9	17	41	100.0	0.0
b. Non-Hodgkin except BL	0	0	8	10	13	18	31	2.9	40.0	3.7	46.3	-	-	4.5	5.5	7.1	3.0	4.0	50	85	100.0	0.0
c. Burkitt (BL)	0	4	1	6	0	11	11	1.8	24.4	1.3	16.4	-	2.9	0.6	3.3	-	2.0	1.6	31	31	90.9	0.0
d. Lymphoreticular	5	2	1	1	0	9	9	1.4	20.0	1.1	13.4	14.4	1.4	0.6	0.5	-	1.9	1.5	26	26	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.2	2.2	0.1	1.5	-	-	0.6	-	-	0.2	0.1	3	3	0.0	0.0
III CNS NEOPLASMS †	9	48	54	52	41	163	204	26.0	100.0	24.2	100.0	25.9	34.6	30.5	28.5	22.4	30.8	28.9	459	571	74.0	0.0
a. Ependymoma	1	6	5	5	2	17	19	2.7	10.4	2.3	9.3	2.9	4.3	2.8	2.7	1.1	3.3	2.8	48	53	100.0	0.0
b. Astrocytoma	2	6	17	11	10	36	46	5.7	22.1	5.5	22.5	5.7	4.3	9.6	6.0	5.5	6.6	6.4	101	128	97.8	0.0
c. CNS embryonal	3	16	7	10	3	36	39	5.7	22.1	4.6	19.1	8.6	11.5	4.0	5.5	1.6	7.1	5.9	102	110	100.0	0.0
d. Other gliomas	0	7	8	3	3	18	21	2.9	11.0	2.5	10.3	-	5.1	4.5	1.6	1.6	3.5	3.1	51	59	38.1	0.0
e. Other specified	1	9	9	12	11	31	42	4.9	19.0	5.0	20.6	2.9	6.5	5.1	6.6	6.0	5.8	5.8	87	117	88.1	0.0
f. Unspecified CNS	2	4	8	11	12	25	37	4.0	15.3	4.4	18.1	5.7	2.9	4.5	6.0	6.6	4.5	5.0	70	103	8.1	0.0
IV NEUROBLASTOMA	14	23	5	3	0	45	45	7.2	100.0	5.3	100.0	40.2	16.6	2.8	1.6	-	9.6	7.5	129	129	84.4	2.2
a. (Ganglio)neuroblastoma	14	23	5	3	0	45	45	7.2	100.0	5.3	100.0	40.2	16.6	2.8	1.6	-	9.6	7.5	129	129	84.4	2.2
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	8	15	0	0	0	23	23	3.7	100.0	2.7	100.0	23.0	10.8	-	-	-	5.1	4.0	66	66	73.9	0.0
VI RENAL TUMOURS	1	7	1	1	2	10	12	1.6	100.0	1.4	100.0	2.9	5.1	0.6	0.5	1.1	2.1	1.9	29	34	100.0	0.0
a. Nephroblastoma	1	7	1	1	0	10	10	1.6	100.0	1.2	83.3	2.9	5.1	0.6	0.5	-	2.1	1.6	29	29	100.0	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.2	16.7	-	-	-	-	1.1	-	0.2	-	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	1	11	0	0	1	12	13	1.9	100.0	1.5	100.0	2.9	7.9	-	-	0.5	2.7	2.2	35	37	92.3	0.0
a. Hepatoblastoma	1	11	0	0	0	12	12	1.9	100.0	1.4	92.3	2.9	7.9	-	-	-	2.7	2.1	35	35	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.1	7.7	-	-	-	-	0.5	-	0.1	-	3	0.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	5	16	13	22	35	3.5	100.0	4.1	100.0	-	0.7	2.8	8.8	7.1	3.7	4.4	61	96	100.0	0.0
a. Osteosarcoma	0	0	5	11	7	16	23	2.6	72.7	2.7	65.7	-	-	2.8	6.0	3.8	2.7	2.9	44	63	100.0	0.0
b. Chondrosarcoma	0	0	0	2	1	2	3	0.3	9.1	0.4	8.6	-	-	-	1.1	0.5	0.3	0.4	5	8	100.0	0.0
c. Ewing & related	0	1	0	2	4	3	7	0.5	13.6	0.8	20.0	-	0.7	-	1.1	2.2	0.5	0.9	8	19	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	1	1	1	2	0.2	4.5	0.2	5.7	-	-	-	0.5	0.5	0.2	0.2	3	5	100.0	0.0
IX SOFT TISSUE SARCOMA	2	7	6	12	14	27	41	4.3	100.0	4.9	100.0	5.7	5.1	3.4	6.6	7.6	5.0	5.6	76	114	97.6	0.0
a. Rhabdomyosarcoma	1	5	5	3	4	14	18	2.2	51.9	2.1	43.9	2.9	3.6	2.8	1.6	2.2	2.7	2.6	40	51	100.0	0.0
b. Fibrosarcoma	0	0	0	2	2	2	4	0.3	7.4	0.5	9.8	-	-	-	1.1	1.1	0.3	0.5	5	11	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	0	7	8	10	18	1.6	37.0	2.1	43.9	2.9	1.4	-	3.8	4.4	1.8	2.4	28	50	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.2	3.7	0.1	2.4	-	-	0.6	-	-	0.2	0.1	3	3	0.0	0.0
X GERM CELL TUMOURS	10	6	17	11	30	44	74	7.0	100.0	8.8	100.0	28.7	4.3	9.6	6.0	16.4	8.4	10.2	124	206	98.6	0.0
a. CNS germ cell ‡	1	2	13	9	5	25	30	4.0	56.8	3.6	40.5	2.9	1.4	7.3	4.9	2.7	4.5	4.1	70	84	100.0	0.0
b. Other extragonadal	6	1	0	0	3	7	10	1.1	15.9	1.2	13.5	17.2	0.7	-	-	1.6	1.6	1.6	20	28	100.0	0.0
c. Gonadal germ cell	3	3	4	2	19	12	31	1.9	27.3	3.7	41.9	8.6	2.2	2.3	1.1	10.4	2.4	4.2	34	86	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.2	2.7	-	-	-	-	1.1	-	0.2	-	5	100.0	0.0
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	1.4	-	-	-	-	0.5	-	0.1	-	3	0.0	0.0
XI CARCINOMA & MELANOMA	2	0	4	7	29	13	42	2.1	100.0	5.0	100.0	5.7	-	2.3	3.8	15.8	2.3	5.3	36	115	100.0	0.0
a. Adrenocortical	1	0	0	0	0	1	1	0.2	7.7	0.1	2.4	2.9	-	-	-	-	0.2	0.2	3	3	100.0	0.0
b. Thyroid	0	0	1	3	7	4	11	0.6	30.8	1.3	26.2	-	-	0.6	1.6	3.8	0.7	1.4	11	30	100.0	0.0
c. Nasopharyngeal	0	0	0	1	6	1	7	0.2	7.7	0.8	16.7	-	-	-	0.5	3.3	0.2	0.9	3	19	100.0	0.0
d. Melanoma	0	0	0	0	1	0	1	-	-	0.1	2.4	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	1	0	3	3	15	7	22	1.1	53.8	2.6	52.4	2.9	-	1.7	1.6	8.2	1.2	2.8	20	61	100.0	0.0
XII OTHER & UNSPECIFIED	4	6	4	0	2	14	16	2.2	100.0	1.9	100.0	11.5	4.3	2.3	-	1.1	3.0	2.5	40	46	81.3	0.0
a. Other specified	1	1	0	0	0	2	2	0.3	14.3	0.2	12.5	2.9	0.7	-	-	-	0.4	0.3	6	6	100.0	0.0
b. Other unspecified	3	5	4	0	2	12	14	1.9	85.7	1.7	87.5	8.6	3.6	2.3	-	1.1	2.5	2.2	34	40	78.6	0.0
TOTAL	69	212	183	163	217	627	844	100.0	100.0	100.0	100.0	198.3	153.0	103.3	89.2	118.6	122.0	121.2	1773	2366	91.2	0.1

† includes 81 non-malignant ‡ includes 3 non-malignant

Please consult the quality indicators for this registry

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	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19		
I LEUKAEMIA	6	47	43	26	39	122	161	46.4	45.3	1.4	1.5	7	35	31	14	24	87	111	35.4	33.5				
a. Lymphoid	1	37	36	20	16	94	110	35.6	31.4	1.5	1.5	3	26	25	8	11	62	73	25.2	22.3				
b. Acute myeloid	5	5	6	4	12	20	32	7.7	8.9	1.1	1.2	3	7	4	4	8	18	26	7.4	7.7				
c. CMD	0	0	0	1	8	1	9	0.3	2.2	1.0	4.5	0	0	0	1	1	1	2	0.3	0.5				
d. MDS & other	0	2	0	1	2	3	5	1.2	1.4	0.6	0.6	1	2	1	1	4	5	9	2.1	2.6				
e. Unspecified	0	3	1	0	1	4	5	1.7	1.5	4.0	5.0	0	0	1	0	0	1	1	0.4	0.3				
II LYMPHOMA & RELATED	4	4	10	13	9	31	40	11.1	10.7	2.2	1.5	1	2	3	8	13	14	27	5.1	7.2				
a. Hodgkin	0	0	2	1	5	3	8	1.0	2.0	1.0	1.1	0	0	0	3	4	3	7	1.0	1.8				
b. Non-Hodgkin except BL	0	0	5	7	4	12	16	3.9	4.0	2.0	1.1	0	0	3	3	9	6	15	2.1	3.9				
c. Burkitt (BL)	0	4	1	4	0	9	9	3.3	2.6	4.5	4.5	0	0	0	2	0	2	2	0.7	0.5				
d. Lymphoreticular	4	0	1	1	0	6	6	2.4	1.9	2.0	2.0	1	2	0	0	0	3	3	1.4	1.1				
e. Unspecified	0	0	1	0	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-				
III CNS NEOPLASMS †	5	25	25	28	20	83	103	30.6	28.5	1.0	1.0	4	23	29	24	21	80	101	31.0	29.3				
a. Ependymoma	0	3	2	1	1	6	7	2.3	2.0	0.5	0.6	1	3	3	4	1	11	12	4.3	3.6				
b. Astrocytoma	1	1	6	6	5	14	19	4.9	5.0	0.6	0.7	1	5	11	5	5	22	27	8.5	7.8				
c. CNS embryonal	2	10	4	5	2	21	23	8.2	6.8	1.4	1.4	1	6	3	5	1	15	16	6.0	4.9				
d. Other gliomas	0	4	3	3	2	10	12	3.7	3.4	1.3	1.3	0	3	5	0	1	8	9	3.2	2.8				
e. Other specified	1	5	7	6	2	19	21	7.0	5.9	1.6	1.0	0	4	2	6	9	12	21	4.5	5.8				
f. Unspecified CNS	1	2	3	7	8	13	21	4.5	5.4	1.1	1.3	1	2	5	4	4	12	16	4.5	4.5				
IV NEUROBLASTOMA	8	9	3	2	0	22	22	9.1	7.0	1.0	1.0	6	14	2	1	0	23	23	10.2	7.9				
a. (Ganglio)neuroblastoma	8	9	3	2	0	22	22	9.1	7.0	1.0	1.0	6	14	2	1	0	23	23	10.2	7.9				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	5	9	0	0	0	14	14	6.1	4.7	1.6	1.6	3	6	0	0	0	9	9	4.1	3.2				
VI RENAL TUMOURS	1	3	1	0	0	5	5	2.1	1.6	1.0	0.7	0	4	0	1	2	5	7	2.2	2.2				
a. Nephroblastoma	1	3	1	0	0	5	5	2.1	1.6	1.0	1.0	0	4	0	1	0	5	5	2.2	1.7				
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	1	7	0	0	0	8	8	3.5	2.7	2.0	1.6	0	4	0	0	1	4	5	1.8	1.7				
a. Hepatoblastoma	1	7	0	0	0	8	8	3.5	2.7	2.0	2.0	0	4	0	0	0	4	4	1.8	1.4				
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	0	2	10	6	12	18	3.8	4.4	1.2	1.1	0	1	3	6	7	10	17	3.5	4.5				
a. Osteosarcoma	0	0	2	7	4	9	13	2.9	3.2	1.3	1.3	0	0	3	4	3	7	10	2.4	2.6				
b. Chondrosarcoma	0	0	0	1	1	1	2	0.3	0.5	1.0	2.0	0	0	0	1	0	1	1	0.3	0.3				
c. Ewing & related	0	0	0	1	1	1	2	0.3	0.5	0.5	0.4	0	1	0	1	3	2	5	0.8	1.4				
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	0	0	1	0	1	1	0.3	0.2	-	1.0	0	0	0	0	1	0	1	-	0.3				
IX SOFT TISSUE SARCOMA	0	6	4	7	5	17	22	6.2	6.0	1.7	1.2	2	1	2	5	9	10	19	3.7	5.2				
a. Rhabdomyosarcoma	0	4	3	2	2	9	11	3.4	3.1	1.8	1.6	1	1	2	1	2	5	7	2.0	2.0				
b. Fibrosarcoma	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	0	0	2	1	2	3	0.7	0.8				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	2	0	5	2	7	9	2.4	2.4	2.3	1.0	1	0	0	2	6	3	9	1.1	2.4				
e. Unspecified	0	0	1	0	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-				
X GERM CELL TUMOURS	5	5	9	7	10	26	36	9.7	9.9	1.4	0.9	5	1	8	4	20	18	38	7.0	10.5				
a. CNS germ cell ‡	0	2	9	7	3	18	21	6.2	5.6	2.6	2.3	1	0	4	2	2	7	9	2.6	2.5				
b. Other extragonadal	2	0	0	0	3	2	5	0.9	1.4	0.4	1.0	4	1	0	0	0	5	5	2.3	1.8				
c. Gonadal germ cell	3	3	0	0	4	6	10	2.6	3.0	1.0	0.5	0	0	4	2	15	6	21	2.1	5.5				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3				
XI CARCINOMA & MELANOMA	0	0	1	3	14	4	18	1.3	4.3	0.4	0.8	2	0	3	4	15	9	24	3.3	6.4				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.5	0.4				
b. Thyroid	0	0	0	1	3	1	4	0.3	1.0	0.3	0.6	0	0	1	2	4	3	7	1.0	1.8				
c. Nasopharyngeal	0	0	0	1	4	1	5	0.3	1.2	-	2.5	0	0	0	0	2	0	2	-	0.5				
d. Melanoma	0	0	0	0	1	0	1	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	0	0	1	1	6	2	8	0.7	2.0	0.4	0.6	1	0	2	2	9	5	14	1.9	3.7				
XII OTHER & UNSPECIFIED	2	4	2	0	0	8	8	3.3	2.6	1.3	1.0	2	2	2	0	2	6	8	2.6	2.5				
a. Other specified	1	0	0	0	0	1	1	0.4	0.3	1.0	1.0	0	1	0	0	0	1	1	0.5	0.4				
b. Other unspecified	1	4	2	0	0	7	7	2.9	2.2	1.4	1.0	2	1	2	0	2	5	7	2.1	2.1				
TOTAL	37	119	100	96	103	352	455	133.3	127.9	1.3	1.2	32	93	83	67	114	275	389	110.1	114.1				

† includes 34 non-malignant in males and 47 non-malignant in females ‡ includes 2 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

JAPAN, Aichi (2008-2012)

	Age group	Males	Females
Person-years	0	178 385	169 643
	1-4	709 617	676 287
	5-9	908 047	862 791
	10-14	936 654	890 994
	15-19	940 335	889 965
Total	0-14	2 732 703	2 599 715
	0-19	3 673 038	3 489 680
Average annual population	0-14	546 541	519 943
	0-19	734 608	697 936

Please consult the quality indicators for this registry