JAPAN, Nagasaki (1993-2012)

		Number of cases							Percentage				Incidence rates per million person-years									MV	DCO
		Age group							0-14		0-19		Age-specific					ASR		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	0-19	0-14	0-19	0-19	0-19
I	LEUKAEMIA	12	61	52	48	58	173	231	30.5	100.0	28.1	100.0	44.7	54.9	33.8	27.5	31.9	39.4	37.7	571	731	99.6	0.4
	a. Lymphoid	5	36	26	31	21	98	119	17.3	56.6	14.5	51.5	18.6	32.4	16.9	17.8	11.5	22.1	19.7	322	380	100.0	0.0
	b. Acute myeloid	4	15	16	14	20	49	69	8.6	28.3	8.4	29.9	14.9	13.5	10.4	8.0	11.0	11.0	11.0	161	216	100.0	0.0
	c. CMD	0	1	2	0	2	3	5	0.5	1.7	0.6	2.2	-	0.9	1.3	-	1.1	0.7	0.8	10	16	100.0	0.0
	d. MDS & other	2	9	8	2	14	21	35	3.7	12.1	4.3	15.2	7.5	8.1	5.2	1.1	7.7	5.1	5.7	72	110	100.0	0.0
	e. Unspecified	1	0	0	1	1	2	3	0.4	1.2	0.4	1.3	3.7	-	-	0.6	0.5	0.4	0.5	6	9	66.7	33.3
II	LYMPHOMA & RELATED	3	17	21	26	25	67	92	11.8	100.0	11.2	100.0	11.2	15.3	13.7	14.9	13.7	14.3	14.2	215	284	94.6	0.0
	a. Hodgkin	0	0	1	2	8	3	11	0.5	4.5	1.3	12.0	-	-	0.7	1.1	4.4	0.5	1.4	9	31	100.0	0.0
	b. Non-Hodgkin except BL	3	10	11	17	12	41	53	7.2	61.2	6.4	57.6	11.2	9.0	7.2	9.7	6.6	8.8	8.3	132	165	98.1	0.0
	c. Burkitt (BL)	0	2	3	1	1	6	7	1.1	9.0	0.9	7.6	-	1.8	2.0	0.6	0.5	1.4	1.2	20	23	100.0	0.0
	d. Lymphoreticular	0	5	0	0	0	5	5	0.9	7.5	0.6	5.4	-	4.5	-	-	-	1.4	1.1	18	18	60.0	0.0
	e. Unspecified	0	0	6	6	4	12	16	2.1	17.9	1.9	17.4	-	-	3.9	3.4	2.2	2.3	2.2	37	48	87.5	0.0
III	CNS NEOPLASMS †	9	33	31	39	42	112	154	19.8	100.0	18.7	100.0	33.6	29.7	20.2	22.3	23.1	24.8	24.4	365	480	79.9	0.6
	a. Ependymoma	1	6	1	1	1	9	10	1.6	8.0	1.2	6.5	3.7	5.4	0.7	0.6	0.5	2.3	1.9	31	34	80.0	0.0
	b. Astrocytoma	1	9	6	7	13	23	36	4.1	20.5	4.4	23.4	3.7	8.1	3.9	4.0	7.1	5.2	5.7	76	112	94.4	0.0
	c. CNS embryonal	1	9	4	4	4	18	22	3.2	16.1	2.7	14.3	3.7	8.1	2.6	2.3	2.2	4.3	3.8	61	72	95.5	0.0
	d. Other gliomas	2	3	8	5	2	18	20	3.2	16.1	2.4	13.0	7.5	2.7	5.2	2.9	1.1	3.9	3.3	58	64	55.0	0.0
	e. Other specified	2	5	8	17	18	32	50	5.6	28.6	6.1	32.5	7.5	4.5	5.2	9.7	9.9	6.5	7.2	100	150	98.0	0.0
	f. Unspecified CNS	2	1	4	5	4	12	16	2.1	10.7	1.9	10.4	7.5	0.9	2.6	2.9	2.2	2.5	2.4	38	49	0.0	6.3
IV	NEUROBLASTOMA	34	17	2	2	0	55	55	9.7	100.0	6.7	100.0	126.8	15.3	1.3	1.1	-	15.1	11.7	197	197	89.1	0.0
	a. (Ganglio)neuroblastoma	34	17	2	2	0	55	55	9.7	100.0	6.7	100.0	126.8	15.3	1.3	1.1	-	15.1	11.7	197	197	89.1	0.0
	b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	RETINOBLASTOMA	9	13	0	0	0	22	22	3.9	100.0	2.7	100.0	33.6	11.7	-	-	-	6.2	4.8	80	80	81.8	0.0
VI	RENAL TUMOURS	2	9	0	1	0	12	12	2.1	100.0	1.5	100.0	7.5	8.1	-	0.6	-	3.3	2.5	43	43	100.0	0.0
	a. Nephroblastoma	2	8	0	0	0	10	10	1.8	83.3	1.2	83.3	7.5	7.2	-	-	-	2.8	2.2	36	36	100.0	0.0
	b. Renal carcinoma	0	1	0	1	0	2	2	0.4	16.7	0.2	16.7	-	0.9	-	0.6	-	0.4	0.3	6	6	100.0	0.0
	c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	HEPATIC TUMOURS	3	9	1	0	1	13	14	2.3	100.0	1.7	100.0	11.2	8.1	0.7	-	0.5	3.6	2.9	47	49	85.7	0.0
	a. Hepatoblastoma	1	9	1	0	0	11	11	1.9	84.6	1.3	78.6	3.7	8.1	0.7	-	-	3.0	2.3	39	39	81.8	0.0
	b. Hepatic carcinoma	2	0	0	0	1	2	3	0.4	15.4	0.4	21.4	7.5	-	-	-	0.5	0.6	0.6	7	10	100.0	0.0
	c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII	BONE TUMOURS	0	1	2	18	20	21	41	3.7	100.0	5.0	100.0	-	0.9	1.3	10.3	11.0	3.7	5.3	62	117	92.7	2.4
	a. Osteosarcoma	0	0	1	15	12	16	28	2.8	76.2	3.4	68.3	-	-	0.7	8.6	6.6	2.7	3.6	46	79	92.9	3.6
	b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c. Ewing & related	0	0	1	2	6	3	9	0.5	14.3	1.1	22.0	-	-	0.7	1.1	3.3	0.5	1.2	9	25	100.0	0.0
	d. Other specified	0	1	0	0	2	1	3	0.2	4.8	0.4	7.3	-	0.9	-	-	1.1	0.3	0.5	4	9	100.0	0.0
	e. Unspecified	0	0	0	1	0	1	1	0.2	4.8	0.1	2.4	-	-	-	0.6	-	0.2	0.1	3	3	0.0	0.0
IX	SOFT TISSUE SARCOMA	1	5	5	13	20	24	44	4.2	100.0	5.3	100.0	3.7	4.5	3.3	7.4	11.0	4.9	6.3	75	130	100.0	0.0
	a. Rhabdomyosarcoma	1	5	4	1	3	11	14	1.9	45.8	1.7	31.8	3.7	4.5	2.6	0.6	1.6	2.7	2.5	38	46	100.0	0.0
	b. Fibrosarcoma	0	0	0	1	3	1	4	0.2	4.2	0.5	9.1	-	-	-	0.6	1.6	0.2	0.5	3	11	100.0	0.0
	c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	d. Other specified	0	0	1	9	14	10	24	1.8	41.7	2.9	54.5	-	-	0.7	5.2	7.7	1.7	3.1	29	68	100.0	0.0
	e. Unspecified	0	0	0	2	0	2	2	0.4	8.3	0.2	4.5	-	-	-	1.1	-	0.3	0.3	6	6	100.0	0.0
X	GERM CELL TUMOURS	7	12	11	17	37	47	84	8.3	100.0	10.2	100.0	26.1	10.8	7.2	9.7	20.3	10.5	12.7	153	255	86.9	0.0
	a. CNS germ cell ‡	0	0	7	8	12	15	27	2.6	31.9	3.3	32.1	-	-	4.6	4.6	6.6	2.8	3.7	46	79	77.8	0.0
	b. Other extragonadal	3	5	0	0	2	8	10	1.4	17.0	1.2	11.9	11.2	4.5	-	-	1.1	2.2	2.0	29	34	100.0	0.0
	c. Gonadal germ cell	4	7	3	7	15	21	36	3.7	44.7	4.4	42.9	14.9	6.3	2.0	4.0	8.2	4.9	5.6	70	111	94.4	0.0
	d. Gonadal carcinoma	0	0	0	2	8	2	10	0.4	4.3	1.2	11.9	-	-	-	1.1	4.4	0.3	1.2	6	28	70.0	0.0
	e. Unspecified gonadal	0	0	1	0	0	1	1	0.2	2.1	0.1	1.2	-	-	0.7	-	-	0.2	0.2	3	3	100.0	0.0
XI	CARCINOMA & MELANOMA	1	1	4	14	51	20	71	3.5	100.0	8.6	100.0	3.7	0.9	2.6	8.0	28.0	3.7	9.2	60	201	95.8	0.0
	a. Adrenocortical	1	0	0	0	0	1	1	0.2	5.0	0.1	1.4	3.7	-	-	-	-	0.3	0.2	4	4	100.0	0.0
	b. Thyroid	0	0	1	8	19	9	28	1.6	45.0	3.4	39.4	-	-	0.7	4.6	10.4	1.5	3.5	26	78	96.4	0.0
	c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.2	2.8	-	-	-	-	1.1	-	0.2	-	5	100.0	0.0
	d. Melanoma	0	1	1	2	7	4	11	0.7	20.0	1.3	15.5	-	0.9	0.7	1.1	3.8	0.8	1.5	13	32	90.9	0.0
	e. Skin carcinoma	0	0	1	0	2	1	3	0.2	5.0	0.4	4.2	-	-	0.7	-	1.1	0.2	0.4	3	9	100.0	0.0
	f. Other & unspecified	0	0	1	4	21	5	26	0.9	25.0	3.2	36.6	-	-	0.7	2.3	11.5	0.9	3.3	15	72	96.2	0.0
XII	OTHER & UNSPECIFIED	0	1	0	0	2	1	3	0.2	100.0	0.4	100.0	-	0.9	-	-	1.1	0.3	0.5	4	9	33.3	0.0
	a. Other specified	0	1	0	0	0	1	1	0.2	100.0	0.1	33.3	-	0.9	-	-	-	0.3	0.2	4	4	0.0	0.0
	b. Other unspecified	0	0	0	0	2	0	2	-	-	0.2	66.7	-	-	-	-	1.1	-	0.2	-	5	50.0	0.0
	TOTAL	81	179	129	178	256	567	823	100.0	100.0	100.0	100.0	302.0	161.0	84.0	102.0	140.7	129.6	132.1	1872	2576	91.7	0.4

† includes 72 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

JAPAN, Nagasaki (1993-2012)

	Males									M/F ratio		Females								
	Number of cases in age groups							ASR per million				Number of cases in age groups							ASR per million	
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19
I LEUKAEMIA	8	31	28	26	33	93	126	41.3	40.1	1.2	1.2	4	30	24	22	25	80	105	37.3	35.2
a. Lymphoid	3	20	14	14	13	51	64	22.9	20.9	1.1	1.2	2	16	12	17	8	47	55	21.3	18.5
b. Acute myeloid	4	8	11	10	10	33	43	14.3	13.6	2.1	1.7	0	7	5	4	10	16	26	7.5	8.3
c. CMD	0	0	1	0	2	1	3	0.4	0.8	0.5	1.5	0	1	1	0	0	2	2	1.0	0.8
d. MDS & other	1	3	2	2	7	8	15	3.7	4.5	0.6	0.8	1	6	6	0	7	13	20	6.6	6.9
e. Unspecified	0	0	0	0	1	0	1	-	0.2	0.0	0.5	1	0	0	1	0	2	2	0.9	0.7
II LYMPHOMA & RELATED	1	7	11	15	17	34	51	13.8	14.8	1.0	1.2	2	10	10	11	8	33	41	14.9	13.6
a. Hodgkin	0	0	0	2	4	2	6	0.6	1.5	2.0	1.2	0	0	1	0	4	1	5	0.4	1.3
b. Non-Hodgkin except BL	1	3	5	9	8	18	26	7.2	7.5	0.8	1.0	2	7	6	8	4	23	27	10.5	9.1
c. Burkitt (BL)	0	1	2	0	1	3	4	1.4	1.3	1.0	1.3	0	1	1	1	0	3	3	1.3	1.0
d. Lymphoreticular	0	3	0	0	0	3	3	1.6	1.3	1.5	1.5	0	2	0	0	0	2	2	1.1	0.9
e. Unspecified	0	0	4	4	4	8	12	2.9	3.3	2.0	3.0	0	0	2	2	0	4	4	1.5	1.2
III CNS NEOPLASMS †	5	15	19	20	21	59	80	25.3	24.7	1.1	1.1	4	18	12	19	21	53	74	24.3	24.1
a. Ependymoma	1	3	1	1	0	6	6	2.9	2.3	2.0	1.5	0	3	0	0	1	3	4	1.7	1.6
b. Astrocytoma	1	3	4	1	9	9	18	4.2	5.4	0.6	1.0	0	6	2	6	4	14	18	6.4	5.9
c. CNS embryonal	0	4	3	3	4	10	14	4.4	4.4	1.3	1.8	1	5	1	1	0	8	8	4.2	3.3
d. Other gliomas	1	2	3	4	0	10	10	4.2	3.2	1.3	1.0	1	1	5	1	2	8	10	3.6	3.3
e. Other specified	1	3	4	8	5	16	21	6.4	6.2	1.0	0.7	1	2	4	9	13	16	29	6.5	8.3
f. Unspecified CNS	1	0	4	3	3	8	11	3.2	3.2	2.0	2.2	1	1	0	2	1	4	5	1.8	1.7
IV NEUROBLASTOMA	18	9	0	0	0	27	27	14.8	11.5	1.0	1.0	16	8	2	2	0	28	28	15.3	11.9
a. (Ganglio)neuroblastoma	18	9	0	0	0	27	27	14.8	11.5	1.0	1.0	16	8	2	2	0	28	28	15.3	11.9
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
V RETINOBLASTOMA	4	5	0	0	0	9	9	4.9	3.8	0.7	0.7	5	8	0	0	0	13	13	7.5	5.8
VI RENAL TUMOURS	2	5	0	1	0	8	8	4.2	3.2	2.0	2.0	0	4	0	0	0	4	4	2.3	1.8
a. Nephroblastoma	2	4	0	0	0	6	6	3.3	2.6	1.5	1.5	0	4	0	0	0	4	4	2.3	1.8
b. Renal carcinoma	0	1	0	1	0	2	2	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
VII HEPATIC TUMOURS	3	5	1	0	0	9	9	4.8	3.7	2.3	1.8	0	4	0	0	1	4	5	2.3	2.0
a. Hepatoblastoma	1	5	1	0	0	7	7	3.7	2.9	1.8	1.8	0	4	0	0	0	4	4	2.3	1.8
b. Hepatic carcinoma	2	0	0	0	0	2	2	1.1	0.9	-	2.0	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	1	0	10	14	11	25	3.8	6.4	1.1	1.6	0	0	2	8	6	10	16	3.6	4.3
a. Osteosarcoma	0	0	0	9	9	9	18	2.9	4.5	1.3	1.8	0	0	1	6	3	7	10	2.5	2.7
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
c. Ewing & related	0	0	0	1	4	1	5	0.3	1.2	0.5	1.3	0	0	1	1	2	2	4	0.8	1.1
d. Other specified	0	1	0	0	1	1	2	0.5	0.7	-	2.0	0	0	0	0	1	0	1	-	0.3
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.3
IX SOFT TISSUE SARCOMA	0	3	4	5	9	12	21	4.9	6.0	1.0	0.9	1	2	1	8	11	12	23	4.9	6.5
a. Rhabdomyosarcoma	0	3	3	1	1	7	8	3.2	2.7	1.8	1.3	1	2	1	0	2	4	6	2.2	2.2
b. Fibrosarcoma	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	0	0	1	2	1	3	0.3	0.8
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
d. Other specified	0	0	1	4	7	5	12	1.7	3.0	1.0	1.0	0	0	0	5	7	5	12	1.7	3.1
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.7	0.5
X GERM CELL TUMOURS	4	8	5	7	18	24	42	10.9	12.8	1.0	1.0	3	4	6	10	19	23	42	10.0	12.5
a. CNS germ cell ‡	0	0	5	7	8	12	20	4.3	5.3	4.0	2.9	0	0	2	1	4	3	7	1.2	1.9
b. Other extragonadal	0	1	0	0	1	1	2	0.5	0.7	0.1	0.3	3	4	0	0	1	7	8	4.0	3.4
c. Gonadal germ cell	4	7	0	0	9	11	20	6.0	6.9	1.1	1.3	0	0	3	7	6	10	16	3.7	4.4
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	8	2	10	0.7	2.5
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.4	0.3
XI CARCINOMA & MELANOMA	1	1	0	7	20	9	29	3.4	7.5	0.8	0.7	0	0	4	7	31	11	42	4.1	11.0
a. Adrenocortical	1	0	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-
b. Thyroid	0	0	0	3	4	3	7	1.0	1.7	0.5	0.3	0	0	1	5	15	6	21	2.1	5.4
c. Nasopharyngeal	0	0	0	0	2	0	2	-	0.5	-	-	0	0	0	0	0	0	0	-	-
d. Melanoma	0	1	0	2	3	3	6	1.2	1.7	3.0	1.2	0	0	1	0	4	1	5	0.4	1.3
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	0.5	0	0	1	0	1	1	2	0.4	0.6
f. Other & unspecified	0	0	0	2	10	2	12	0.6	2.9	0.7	0.9	0	0	1	2	11	3	14	1.1	3.6
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	2	1	3	0.6	0.9
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.6	0.4
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5
TOTAL	46	90	68	91	132	295	427	132.1	134.6	1.1	1.1	35	89	61	87	124	272	396	127.1	129.6

† includes 37 non-malignant in males and 35 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

JAPAN, Nagasaki (1993-2012)

	Age group	Males	Females
Person-years	0	137 197	131 002
	1-4	568 239	543 255
	5-9	785 213	751 085
	10-14	895 958	849 214
	15-19	921 623	897 760
Total	0-14	2 386 607	2 274 556
	0-19	3 308 230	3 172 316
Average annual population	0-14	119 330	113 728
	0-19	165 412	158 616

Please consult the quality indicators for this registry