

JAPAN, 8 registries (1990-2013)

	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	209	997	742	607	644	2555	3199	32.9	100.0	30.3	100.0	55.5	65.1	36.9	28.1	26.6	44.5	40.5	641	774	98.9	0.3
a. Lymphoid	62	710	509	343	272	1624	1896	20.9	63.6	17.9	59.3	16.5	46.4	25.3	15.9	11.2	28.4	24.6	408	465	99.6	0.0
b. Acute myeloid	92	203	156	178	234	629	863	8.1	24.6	8.2	27.0	24.4	13.3	7.8	8.3	9.7	10.9	10.6	157	206	99.5	0.1
c. CMD	11	12	26	31	62	80	142	1.0	3.1	1.3	4.4	2.9	0.8	1.3	1.4	2.6	1.3	1.6	20	32	98.6	0.0
d. MDS & other	21	35	28	27	44	111	155	1.4	4.3	1.5	4.8	5.6	2.3	1.4	1.3	1.8	1.9	1.9	28	37	100.0	0.0
e. Unspecified	23	37	23	28	32	111	143	1.4	4.3	1.4	4.5	6.1	2.4	1.1	1.3	1.3	2.0	1.8	28	35	85.3	4.9
II LYMPHOMA & RELATED	42	166	231	272	360	711	1071	9.2	100.0	10.1	100.0	11.2	10.8	11.5	12.6	14.9	11.6	12.3	175	249	94.1	1.0
a. Hodgkin	1	3	23	28	123	55	178	0.7	7.7	1.7	16.6	0.3	0.2	1.1	1.3	5.1	0.8	1.8	13	39	100.0	0.0
b. Non-Hodgkin except BL	14	61	106	153	167	334	501	4.3	47.0	4.7	46.8	3.7	4.0	5.3	7.1	6.9	5.3	5.6	81	116	99.6	0.0
c. Burkitt (BL)	0	27	43	30	10	100	110	1.3	14.1	1.0	10.3	-	1.8	2.1	1.4	0.4	1.6	1.4	25	27	98.2	0.0
d. Lymphoreticular	26	60	15	14	7	115	122	1.5	16.2	1.2	11.4	6.9	3.9	0.7	0.6	0.3	2.2	1.8	30	31	95.9	0.0
e. Unspecified	1	15	44	47	53	107	160	1.4	15.0	1.5	14.9	0.3	1.0	2.2	2.2	2.2	1.7	1.8	26	37	66.3	6.9
III CNS NEOPLASMS †	118	442	521	493	437	1574	2011	20.3	100.0	19.0	100.0	31.4	28.9	25.9	22.9	18.0	26.4	24.5	391	481	72.2	1.7
a. Ependymoma	23	76	30	29	9	158	167	2.0	10.0	1.6	8.3	6.1	5.0	1.5	1.3	0.4	2.9	2.3	40	42	98.8	0.0
b. Astrocytoma	29	85	145	158	124	417	541	5.4	26.5	5.1	26.9	7.7	5.6	7.2	7.3	5.1	6.8	6.4	103	128	96.3	0.0
c. CNS embryonal	23	96	91	61	38	271	309	3.5	17.2	2.9	15.4	6.1	6.3	4.5	2.8	1.6	4.7	4.0	68	76	99.4	0.3
d. Other gliomas	13	46	94	57	33	210	243	2.7	13.3	2.3	12.1	3.5	3.0	4.7	2.6	1.4	3.5	3.0	52	59	50.6	2.1
e. Other specified	6	53	65	94	153	218	371	2.8	13.9	3.5	18.4	1.6	3.5	3.2	4.4	6.3	3.5	4.1	53	85	84.1	0.0
f. Unspecified CNS	24	86	96	94	80	300	380	3.9	19.1	3.6	18.9	6.4	5.6	4.8	4.4	3.3	5.0	4.6	74	91	6.3	7.4
IV NEUROBLASTOMA	418	292	70	18	17	798	815	10.3	100.0	7.7	100.0	111.1	19.1	3.5	0.8	0.7	15.8	12.4	208	211	85.6	1.0
a. (Ganglio)neuroblastoma	417	292	70	16	10	795	805	10.3	99.6	7.6	98.8	110.8	19.1	3.5	0.7	0.4	15.7	12.3	207	209	85.5	1.0
b. Peripheral nervous	1	0	0	2	7	3	10	0.0	0.4	0.1	1.2	0.3	-	-	0.1	0.3	0.0	0.1	1	2	100.0	0.0
V RETINOBLASTOMA	86	154	12	0	0	252	252	3.2	100.0	2.4	100.0	22.9	10.1	0.6	-	-	5.1	3.9	66	66	66.7	0.0
VI RENAL TUMOURS	34	118	25	17	15	194	209	2.5	100.0	2.0	100.0	9.0	7.7	1.2	0.8	0.6	3.7	3.0	50	53	86.1	0.0
a. Nephroblastoma	33	115	21	9	2	178	180	2.3	91.8	1.7	86.1	8.8	7.5	1.0	0.4	0.1	3.5	2.7	46	47	85.0	0.0
b. Renal carcinoma	0	3	3	8	12	14	26	0.2	7.2	0.2	12.4	-	0.2	0.1	0.4	0.5	0.2	0.3	3	6	100.0	0.0
c. Unspecified	1	0	1	0	1	2	3	0.0	1.0	0.0	1.4	0.3	-	0.0	-	0.0	0.0	0.0	1	1	33.3	0.0
VII HEPATIC TUMOURS	71	89	19	17	13	196	209	2.5	100.0	2.0	100.0	18.9	5.8	0.9	0.8	0.5	3.8	3.1	51	53	92.8	1.0
a. Hepatoblastoma	67	86	16	9	2	178	180	2.3	90.8	1.7	86.1	17.8	5.6	0.8	0.4	0.1	3.5	2.7	46	47	98.3	0.6
b. Hepatic carcinoma	3	0	3	7	10	13	23	0.2	6.6	0.2	11.0	0.8	-	0.1	0.3	0.4	0.2	0.3	3	5	73.9	0.0
c. Unspecified	1	3	0	1	1	5	6	0.1	2.6	0.1	2.9	0.3	0.2	-	0.0	0.0	0.1	0.1	1	1	0.0	16.7
VIII BONE TUMOURS	2	14	75	218	247	309	556	4.0	100.0	5.3	100.0	0.5	0.9	3.7	10.1	10.2	4.5	5.8	73	124	96.4	1.1
a. Osteosarcoma	1	3	43	154	167	201	368	2.6	65.0	3.5	66.2	0.3	0.2	2.1	7.1	6.9	2.8	3.8	47	82	99.2	0.3
b. Chondrosarcoma	0	1	3	12	18	16	34	0.2	5.2	0.3	6.1	-	0.1	0.1	0.6	0.7	0.2	0.3	4	8	100.0	0.0
c. Ewing & related	1	9	21	40	42	71	113	0.9	23.0	1.1	20.3	0.3	0.6	1.0	1.9	1.7	1.1	1.2	17	26	100.0	0.0
d. Other specified	0	1	2	6	10	9	19	0.1	2.9	0.2	3.4	-	0.1	0.1	0.3	0.4	0.1	0.2	2	4	100.0	0.0
e. Unspecified	0	0	6	6	10	12	22	0.2	3.9	0.2	4.0	-	-	0.3	0.3	0.4	0.2	0.2	3	5	22.7	22.7
IX SOFT TISSUE SARCOMA	48	92	102	133	195	375	570	4.8	100.0	5.4	100.0	12.8	6.0	5.1	6.2	8.0	6.3	6.7	93	133	98.4	0.0
a. Rhabdomyosarcoma	16	62	59	53	47	190	237	2.5	50.7	2.2	41.6	4.3	4.1	2.9	2.5	1.9	3.2	2.9	47	57	100.0	0.0
b. Fibrosarcoma	12	4	6	7	33	29	62	0.4	7.7	0.6	10.9	3.2	0.3	0.3	0.3	1.4	0.5	0.7	7	14	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	16	22	29	65	99	132	231	1.7	35.2	2.2	40.5	4.3	1.4	1.4	3.0	4.1	2.1	2.6	32	53	99.6	0.0
e. Unspecified	4	4	8	8	16	24	40	0.3	6.4	0.4	7.0	1.1	0.3	0.4	0.4	0.7	0.4	0.5	6	9	80.0	0.0
X GERM CELL TUMOURS	92	85	116	234	409	527	936	6.8	100.0	8.9	100.0	24.4	5.6	5.8	10.8	16.9	8.6	10.5	129	214	95.6	0.0
a. CNS germ cell ‡	18	12	72	133	118	235	353	3.0	44.6	3.3	37.7	4.8	0.8	3.6	6.2	4.9	3.6	3.8	57	81	97.2	0.0
b. Other extragonadal	42	24	5	11	46	82	128	1.1	15.6	1.2	13.7	11.2	1.6	0.2	0.5	1.9	1.6	1.6	21	31	99.2	0.0
c. Gonadal germ cell	30	43	37	72	188	182	370	2.3	34.5	3.5	39.5	8.0	2.8	1.8	3.3	7.8	3.0	4.1	45	84	99.2	0.0
d. Gonadal carcinoma	0	1	0	7	43	8	51	0.1	1.5	0.5	5.4	-	0.1	-	0.3	1.8	0.1	0.5	2	11	94.1	0.0
e. Unspecified gonadal	2	5	2	11	14	20	34	0.3	3.8	0.3	3.6	0.5	0.3	0.1	0.5	0.6	0.3	0.4	5	8	29.4	0.0
XI CARCINOMA & MELANOMA	5	11	32	126	421	174	595	2.2	100.0	5.6	100.0	1.3	0.7	1.6	5.8	17.4	2.5	5.9	41	128	97.0	0.3
a. Adrenocortical	4	5	1	2	1	12	13	0.2	6.9	0.1	2.2	1.1	0.3	0.0	0.1	0.0	0.2	0.2	3	3	100.0	0.0
b. Thyroid	0	1	11	53	181	65	246	0.8	37.4	2.3	41.3	-	0.1	0.5	2.5	7.5	0.9	2.4	15	53	95.1	0.0
c. Nasopharyngeal	0	0	0	10	28	10	38	0.1	5.7	0.4	6.4	-	-	-	0.5	1.2	0.1	0.4	2	8	100.0	0.0
d. Melanoma	0	4	4	9	17	17	34	0.2	9.8	0.3	5.7	-	0.3	0.2	0.4	0.7	0.3	0.4	4	8	88.2	2.9
e. Skin carcinoma	0	0	2	5	6	7	13	0.1	4.0	0.1	2.2	-	-	0.1	0.2	0.2	0.1	0.1	2	3	100.0	0.0
f. Other & unspecified	1	1	14	47	188	63	251	0.8	36.2	2.4	42.2	0.3	0.1	0.7	2.2	7.8	0.9	2.4	15	54	99.2	0.4
XII OTHER & UNSPECIFIED	10	32	22	26	51	90	141	1.2	100.0	1.3	100.0	2.7	2.1	1.1	1.2	2.1	1.6	1.7	23	33	39.7	10.6
a. Other specified	1	10	6	2	7	19	26	0.2	21.1	0.2	18.4	0.3	0.7	0.3	0.1	0.3	0.3	0.3	5	6	96.2	0.0
b. Other unspecified	9	22	16	24	44	71	115	0.9	78.9	1.1	81.6	2.4	1.4	0.8	1.1	1.8	1.2	1.3	18	27	27.0	13.0
TOTAL	1135	2492	1967	2161	2809	7755	10564	100.0	100.0	100.0	100.0	301.6	162.8	97.8	100.2	115.9	134.3	130.1	1941	2520	89.8	0.8

† includes 647 non-malignant ‡ includes 24 non-malignant

Please consult the quality indicators for the constituent registries

JAPAN, 8 registries (1990-2013)

	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		
I LEUKAEMIA	95	533	414	340	390	1382	1772	46.8	43.3	1.2	1.2	114	464	328	267	254	1173	1427	42.2	37.5		
a. Lymphoid	31	387	284	188	182	890	1072	30.4	26.9	1.2	1.3	31	323	225	155	90	734	824	26.4	22.2		
b. Acute myeloid	40	99	94	102	121	335	456	11.1	10.8	1.1	1.1	52	104	62	76	113	294	407	10.6	10.4		
c. CMD	6	6	15	20	43	47	90	1.5	1.9	1.4	1.7	5	6	11	11	19	33	52	1.1	1.2		
d. MDS & other	9	18	11	13	22	51	73	1.8	1.8	0.9	0.9	12	17	17	14	22	60	82	2.2	2.1		
e. Unspecified	9	23	10	17	22	59	81	2.0	2.0	1.1	1.3	14	14	13	11	10	52	62	1.9	1.7		
II LYMPHOMA & RELATED	25	99	151	181	222	456	678	14.4	15.2	1.8	1.7	17	67	80	91	138	255	393	8.6	9.3		
a. Hodgkin	0	3	14	20	62	37	99	1.1	2.0	2.1	1.3	1	0	9	8	61	18	79	0.6	1.6		
b. Non-Hodgkin except BL	9	34	64	100	106	207	313	6.3	6.8	1.6	1.7	5	27	42	53	61	127	188	4.2	4.4		
c. Burkitt (BL)	0	25	38	22	10	85	95	2.8	2.3	5.7	6.3	0	2	5	8	0	15	15	0.5	0.4		
d. Lymphoreticular	16	28	6	8	5	58	63	2.1	1.8	1.0	1.1	10	32	9	6	2	57	59	2.2	1.7		
e. Unspecified	0	9	29	31	39	69	108	2.1	2.3	1.8	2.1	1	6	15	16	14	38	52	1.2	1.2		
III CNS NEOPLASMS †	60	246	277	257	222	840	1062	27.6	25.4	1.1	1.1	58	196	244	236	215	734	949	25.1	23.5		
a. Ependymoma	12	43	16	10	2	81	83	2.9	2.3	1.1	1.0	11	33	14	19	7	77	84	2.8	2.3		
b. Astrocytoma	15	38	73	80	79	206	285	6.5	6.5	1.0	1.1	14	47	72	78	45	211	256	7.1	6.3		
c. CNS embryonal	12	64	55	32	19	163	182	5.6	4.7	1.5	1.4	11	32	36	29	19	108	127	3.8	3.3		
d. Other gliomas	8	25	41	33	15	107	122	3.5	3.0	1.0	1.0	5	21	53	24	18	103	121	3.5	3.0		
e. Other specified	4	29	37	48	59	118	177	3.7	4.0	1.2	0.9	2	24	28	46	94	100	194	3.3	4.3		
f. Unspecified CNS	9	47	55	54	48	165	213	5.4	5.0	1.2	1.3	15	39	41	40	32	135	167	4.7	4.2		
IV NEUROBLASTOMA	223	165	37	9	4	434	438	16.8	13.1	1.2	1.2	195	127	33	9	13	364	377	14.7	11.7		
a. (Ganglioneuroblastoma	222	165	37	8	3	432	435	16.7	13.0	1.2	1.2	195	127	33	8	7	363	370	14.7	11.5		
b. Peripheral nervous	1	0	0	1	1	2	3	0.1	0.1	2.0	0.4	0	0	0	1	6	1	7	0.0	0.1		
V RETINOBLASTOMA	46	78	5	0	0	129	129	5.1	3.9	1.0	1.0	40	76	7	0	0	123	123	5.1	3.9		
VI RENAL TUMOURS	18	62	15	10	2	105	107	3.9	3.1	1.2	1.0	16	56	10	7	13	89	102	3.5	3.0		
a. Nephroblastoma	18	59	13	4	0	94	94	3.6	2.8	1.1	1.1	15	56	8	5	2	84	86	3.4	2.6		
b. Renal carcinoma	0	3	2	6	2	11	13	0.3	0.3	3.7	1.0	0	0	1	2	10	3	13	0.1	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	1	0	1	2	3	0.1	0.1		
VII HEPATIC TUMOURS	41	51	15	12	8	119	127	4.4	3.6	1.5	1.5	30	38	4	5	5	77	82	3.1	2.5		
a. Hepatoblastoma	39	51	12	6	1	108	109	4.1	3.2	1.5	1.5	28	35	4	3	1	70	71	2.8	2.2		
b. Hepatic carcinoma	2	0	3	5	7	10	17	0.3	0.4	3.3	2.8	1	0	0	2	3	3	6	0.1	0.1		
c. Unspecified	0	0	0	1	0	1	1	0.0	0.0	0.3	0.2	1	3	0	0	1	4	5	0.2	0.1		
VIII BONE TUMOURS	2	12	38	121	166	173	339	4.9	6.8	1.3	1.6	0	2	37	97	81	136	217	4.0	4.6		
a. Osteosarcoma	1	3	22	86	118	112	230	3.1	4.5	1.3	1.7	0	0	21	68	49	89	138	2.6	2.9		
b. Chondrosarcoma	0	1	2	7	7	10	17	0.3	0.3	1.7	1.0	0	0	1	5	11	6	17	0.2	0.3		
c. Ewing & related	1	7	11	23	27	42	69	1.3	1.5	1.4	1.6	0	2	10	17	15	29	44	0.9	1.0		
d. Other specified	0	1	0	3	7	4	11	0.1	0.2	0.8	1.4	0	0	2	3	3	5	8	0.1	0.2		
e. Unspecified	0	0	3	2	7	5	12	0.1	0.2	0.7	1.2	0	0	3	4	3	7	10	0.2	0.2		
IX SOFT TISSUE SARCOMA	22	52	64	64	93	202	295	6.6	6.8	1.2	1.1	26	40	38	69	102	173	275	5.9	6.5		
a. Rhabdomyosarcoma	6	36	34	27	23	103	126	3.4	3.1	1.2	1.1	10	26	25	26	24	87	111	3.0	2.8		
b. Fibrosarcoma	7	3	4	0	16	14	30	0.5	0.7	0.9	0.9	5	1	2	7	17	15	32	0.5	0.7		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	7	13	22	33	46	75	121	2.3	2.7	1.3	1.1	9	9	7	32	53	57	110	1.9	2.5		
e. Unspecified	2	0	4	4	8	10	18	0.3	0.4	0.7	0.8	2	4	4	4	8	14	22	0.5	0.5		
X GERM CELL TUMOURS	46	62	51	107	217	266	483	8.7	10.7	1.0	1.1	46	23	65	127	192	261	453	8.5	10.2		
a. CNS germ cell ‡	8	8	46	96	98	158	256	4.6	5.3	2.1	2.6	10	4	26	37	20	77	97	2.5	2.3		
b. Other extragonadal	10	8	2	7	41	27	68	1.0	1.5	0.5	1.1	32	16	3	4	5	55	60	2.2	1.8		
c. Gonadal germ cell	26	40	2	3	74	71	145	2.8	3.5	0.6	0.6	4	3	35	69	114	111	225	3.3	4.8		
d. Gonadal carcinoma	0	1	0	0	2	1	3	0.0	0.1	0.1	0.1	0	0	0	7	41	7	48	0.2	0.9		
e. Unspecified gonadal	2	5	1	1	2	9	11	0.3	0.3	0.8	0.5	0	0	1	10	12	11	23	0.3	0.5		
XI CARCINOMA & MELANOMA	2	5	13	58	162	78	240	2.2	4.7	0.8	0.7	3	6	19	68	259	96	355	2.9	7.2		
a. Adrenocortical	2	1	0	0	0	3	3	0.1	0.1	0.3	0.3	2	4	1	2	1	9	10	0.3	0.3		
b. Thyroid	0	0	5	16	42	21	63	0.6	1.2	0.5	0.3	0	1	6	37	139	44	183	1.3	3.6		
c. Nasopharyngeal	0	0	0	7	21	7	28	0.2	0.5	2.3	2.8	0	0	0	3	7	3	10	0.1	0.2		
d. Melanoma	0	3	0	6	9	9	18	0.3	0.4	1.1	1.1	0	1	4	3	8	8	16	0.3	0.4		
e. Skin carcinoma	0	0	1	3	2	4	6	0.1	0.1	1.3	0.9	0	0	1	2	4	3	7	0.1	0.1		
f. Other & unspecified	0	1	7	26	88	34	122	0.9	2.3	1.2	0.9	1	0	7	21	100	29	129	0.9	2.6		
XII OTHER & UNSPECIFIED	5	18	11	8	30	42	72	1.5	1.7	0.9	1.0	5	14	11	18	21	48	69	1.6	1.7		
a. Other specified	1	4	3	1	4	9	13	0.3	0.3	0.9	1.0	0	6	3	1	3	10	13	0.4	0.3		
b. Other unspecified	4	14	8	7	26	33	59	1.1	1.4	0.9	1.1	5	8	8	17	18	38	56	1.3	1.3		
TOTAL	585	1383	1091	1167	1516	4226	5742	142.8	138.2	1.2	1.2	550	1109	876	994	1293	3529	4822	125.2	121.7		

† includes 321 non-malignant in males and 326 non-malignant in females ‡ includes 16 non-malignant in males and 8 non-malignant in females

Please consult the quality indicators for the constituent registries

JAPAN, 8 registries (1990-2013)

	Age group	Males	Females
Person-years	0	1 925 751	1 837 918
	1-4	7 836 600	7 468 243
	5-9	10 307 446	9 813 476
	10-14	11 051 901	10 516 560
	15-19	12 396 151	11 832 571
Total	0-14	31 121 698	29 636 197
	0-19	43 517 849	41 468 768
Average annual population	0-14	1 296 737	1 234 842
	0-19	1 813 244	1 727 865

Please consult the quality indicators for the constituent registries

JAPAN, 8 registries (1990-2013)

Registry	Period	Cases	%	Person-years	%
Aichi	2008-2012	844	8.0	7 162 718	8.4
Hiroshima	1990-2012	824	7.8	5 714 929	6.7
Miyagi	1990-2010	1334	12.6	10 885 464	12.8
Nagasaki	1993-2012	823	7.8	6 480 546	7.6
Niigata	2003-2012	563	5.3	4 337 981	5.1
Osaka	1990-2012	5193	49.2	41 431 230	48.8
Tochigi	2005-2012	378	3.6	2 975 081	3.5
Yamagata	1990-2013	605	5.7	5 998 668	7.1
JAPAN	1990-2013	10564	100.0	84 986 617	100.0

Please consult the quality indicators for the constituent registries

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