

REPUBLIC-OF-KOREA, Daejeon (1999-2012)

	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	0-19
I LEUKAEMIA	14	51	50	57	55	172	227	33.7	100.0	30.1	100.0	66.4	53.3	35.9	37.8	35.7	44.1	42.2	647	825	96.9	2.2	
a. Lymphoid	7	38	31	30	18	106	124	20.7	61.6	16.4	54.6	33.2	39.7	22.3	19.9	11.7	27.9	24.2	403	462	99.2	0.8	
b. Acute myeloid	3	11	12	12	25	38	63	7.4	22.1	8.3	27.8	14.2	11.5	8.6	8.0	16.2	9.7	11.2	143	224	98.4	1.6	
c. CMD	0	0	3	8	7	11	18	2.2	6.4	2.4	7.9	-	-	2.2	5.3	4.5	2.2	2.8	37	60	100.0	0.0	
d. MDS & other	0	1	1	4	3	6	9	1.2	3.5	1.2	4.0	-	1.0	0.7	2.7	1.9	1.3	1.5	21	31	100.0	0.0	
e. Unspecified	4	1	3	3	2	11	13	2.2	6.4	1.7	5.7	19.0	1.0	2.2	2.0	1.3	2.9	2.6	42	49	61.5	23.1	
II LYMPHOMA & RELATED	4	18	24	27	46	73	119	14.3	100.0	15.8	100.0	19.0	18.8	17.2	17.9	29.9	18.0	20.7	270	419	95.0	1.7	
a. Hodgkin	0	0	0	3	9	3	12	0.6	4.1	1.6	10.1	-	-	-	2.0	5.8	0.6	1.8	10	39	100.0	0.0	
b. Non-Hodgkin except BL	1	4	14	12	27	31	58	6.1	42.5	7.7	48.7	4.7	4.2	10.0	8.0	17.5	7.2	9.5	111	199	100.0	0.0	
c. Burkitt (BL)	0	6	3	3	2	12	14	2.3	16.4	1.9	11.8	-	6.3	2.2	2.0	1.3	3.3	2.8	46	53	100.0	0.0	
d. Lymphoreticular	2	5	4	5	2	16	18	3.1	21.9	2.4	15.1	9.5	5.2	2.9	3.3	1.3	4.2	3.6	61	67	100.0	0.0	
e. Unspecified	1	3	3	4	6	11	17	2.2	15.1	2.3	14.3	4.7	3.1	2.2	2.7	3.9	2.8	3.0	41	61	64.7	11.8	
III CNS NEOPLASMS	6	16	24	11	20	57	77	11.2	100.0	10.2	100.0	28.5	16.7	17.2	7.3	13.0	15.0	14.5	217	282	70.1	1.3	
a. Ependymoma	1	5	3	0	0	9	9	1.8	15.8	1.2	11.7	4.7	5.2	2.2	-	-	2.7	2.1	36	36	77.8	0.0	
b. Astrocytoma	0	4	7	3	8	14	22	2.7	24.6	2.9	28.6	-	4.2	5.0	2.0	5.2	3.5	3.9	52	78	100.0	0.0	
c. CNS embryonal	2	4	7	3	4	16	20	3.1	28.1	2.6	26.0	9.5	4.2	5.0	2.0	2.6	4.2	3.8	61	74	95.0	0.0	
d. Other gliomas	1	2	3	1	6	7	13	1.4	12.3	1.7	16.9	4.7	2.1	2.2	0.7	3.9	1.9	2.3	27	46	38.5	0.0	
e. Other specified	0	0	0	1	0	1	1	0.2	1.8	0.1	1.3	-	-	-	0.7	-	0.2	0.1	3	3	100.0	0.0	
f. Unspecified CNS	2	1	4	3	2	10	12	2.0	17.5	1.6	15.6	9.5	1.0	2.9	2.0	1.3	2.5	2.2	37	44	0.0	8.3	
IV NEUROBLASTOMA	14	19	1	3	2	37	39	7.2	100.0	5.2	100.0	66.4	19.9	0.7	2.0	1.3	11.8	9.4	155	161	89.7	0.0	
a. (Ganglio)neuroblastoma	14	19	1	3	2	37	39	7.2	100.0	5.2	100.0	66.4	19.9	0.7	2.0	1.3	11.8	9.4	155	161	89.7	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	0	10	1	0	0	11	11	2.2	100.0	1.5	100.0	-	10.5	0.7	-	-	3.5	2.7	46	46	72.7	0.0	
VI RENAL TUMOURS	3	11	4	0	1	18	19	3.5	100.0	2.5	100.0	14.2	11.5	2.9	-	0.6	5.6	4.5	74	78	89.5	0.0	
a. Nephroblastoma	3	10	4	0	0	17	17	3.3	94.4	2.3	89.5	14.2	10.5	2.9	-	-	5.2	4.1	70	70	94.1	0.0	
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.1	5.3	-	-	-	0.6	-	0.1	-	3	3	100.0	0.0	
c. Unspecified	0	1	0	0	0	1	1	0.2	5.6	0.1	5.3	-	1.0	-	-	-	0.3	0.3	4	4	0.0	0.0	
VII HEPATIC TUMOURS	4	5	2	2	5	13	18	2.5	100.0	2.4	100.0	19.0	5.2	1.4	1.3	3.2	3.8	3.7	52	69	77.8	0.0	
a. Hepatoblastoma	4	5	0	1	1	10	11	2.0	76.9	1.5	61.1	19.0	5.2	-	0.7	0.6	3.2	2.6	42	45	100.0	0.0	
b. Hepatic carcinoma	0	0	2	1	4	3	7	0.6	23.1	0.9	38.9	-	-	1.4	0.7	2.6	0.7	1.1	10	23	42.9	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	5	7	13	18	25	43	4.9	100.0	5.7	100.0	-	5.2	5.0	8.6	11.7	5.8	7.1	90	148	93.0	0.0	
a. Osteosarcoma	0	1	3	11	12	15	27	2.9	60.0	3.6	62.8	-	1.0	2.2	7.3	7.8	3.1	4.2	52	90	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	2	0	2	-	-	0.3	4.7	-	-	-	-	1.3	-	0.3	-	6	6	100.0	0.0
c. Ewing & related	0	3	2	2	1	7	8	1.4	28.0	1.1	18.6	-	3.1	1.4	1.3	0.6	1.8	1.6	27	30	100.0	0.0	
d. Other specified	0	1	0	0	0	1	1	0.2	4.0	0.1	2.3	-	1.0	-	-	-	0.3	0.3	4	4	100.0	0.0	
e. Unspecified	0	0	2	0	3	2	5	0.4	8.0	0.7	11.6	-	-	1.4	-	1.9	0.5	0.8	7	17	40.0	0.0	
IX SOFT TISSUE SARCOMA	2	6	9	10	16	27	43	5.3	100.0	5.7	100.0	9.5	6.3	6.5	6.6	10.4	6.7	7.5	100	152	100.0	0.0	
a. Rhabdomyosarcoma	1	2	6	1	4	10	14	2.0	37.0	1.9	32.6	4.7	2.1	4.3	0.7	2.6	2.6	2.6	38	51	100.0	0.0	
b. Fibrosarcoma	1	0	0	0	1	1	2	0.2	3.7	0.3	4.7	4.7	-	-	-	0.6	0.3	0.4	4	8	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	4	3	8	10	15	25	2.9	55.6	3.3	58.1	-	4.2	2.2	5.3	6.5	3.6	4.2	54	87	100.0	0.0	
e. Unspecified	0	0	0	1	1	1	2	0.2	3.7	0.3	4.7	-	-	-	0.7	0.6	0.2	0.3	3	7	100.0	0.0	
X GERM CELL TUMOURS	7	12	6	26	17	51	68	10.0	100.0	9.0	100.0	33.2	12.5	4.3	17.2	11.0	12.7	12.3	189	244	95.6	0.0	
a. CNS germ cell	0	3	3	15	4	21	25	4.1	41.2	3.3	36.8	-	3.1	2.2	9.9	2.6	4.6	4.1	73	86	92.0	0.0	
b. Other extragonadal	3	4	0	1	5	8	13	1.6	15.7	1.7	19.1	14.2	4.2	-	0.7	3.2	2.5	2.7	33	50	100.0	0.0	
c. Gonadal germ cell	4	5	3	8	4	20	24	3.9	39.2	3.2	35.3	19.0	5.2	2.2	5.3	2.6	5.2	4.6	76	89	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	4	1	5	0.2	2.0	0.7	7.4	-	-	-	0.7	2.6	0.2	0.7	3	16	100.0	0.0	
e. Unspecified gonadal	0	0	0	1	0	1	1	0.2	2.0	0.1	1.5	-	-	-	0.7	-	0.2	0.1	3	3	0.0	0.0	
XI CARCINOMA & MELANOMA	0	1	4	12	57	17	74	3.3	100.0	9.8	100.0	-	1.0	2.9	8.0	37.0	3.6	11.1	58	243	98.6	0.0	
a. Adrenocortical	0	1	0	0	0	1	1	0.2	5.9	0.1	1.4	-	1.0	-	-	-	0.3	0.3	4	4	100.0	0.0	
b. Thyroid	0	0	1	5	40	6	46	1.2	35.3	6.1	62.2	-	-	0.7	3.3	26.0	1.2	6.8	20	150	100.0	0.0	
c. Nasopharyngeal	0	0	1	0	0	1	1	0.2	5.9	0.1	1.4	-	-	0.7	-	-	0.2	0.2	4	4	100.0	0.0	
d. Melanoma	0	0	1	1	2	2	4	0.4	11.8	0.5	5.4	-	-	0.7	0.7	1.3	0.4	0.6	7	13	75.0	0.0	
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.1	1.4	-	-	-	-	0.6	-	0.1	-	3	3	100.0	0.0
f. Other & unspecified	0	0	1	6	14	7	21	1.4	41.2	2.8	28.4	-	-	0.7	4.0	9.1	1.4	3.1	23	69	100.0	0.0	
XII OTHER & UNSPECIFIED	1	3	3	3	7	10	17	2.0	100.0	2.3	100.0	4.7	3.1	2.2	2.0	4.5	2.6	3.0	38	61	35.3	0.0	
a. Other specified	0	0	0	2	2	2	4	0.4	20.0	0.5	23.5	-	-	-	1.3	1.3	0.4	0.6	7	13	100.0	0.0	
b. Other unspecified	1	3	3	1	5	8	13	1.6	80.0	1.7	76.5	4.7	3.1	2.2	0.7	3.2	2.2	2.4	31	47	15.4	0.0	
TOTAL	55	157	135	164	244	511	755	100.0	100.0	100.0	100.0	261.0	164.1	96.9	108.7	158.3	133.1	138.8	1936	2728	91.1	1.1	

Please consult the quality indicators for this registry

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	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	7	28	24	36	33	95	128	46.0	44.7	1.2	1.3	7	23	26	21	22	77	99	42.0	39.4		
a. Lymphoid	3	21	16	22	9	62	71	30.3	26.0	1.4	1.3	4	17	15	8	9	44	53	25.1	22.2		
b. Acute myeloid	2	7	5	7	14	21	35	10.5	12.0	1.2	1.3	1	4	7	5	11	17	28	8.9	10.3		
c. CMD	0	0	1	3	6	4	10	1.5	2.8	0.6	1.3	0	0	2	5	1	7	8	3.0	2.7		
d. MDS & other	0	0	0	2	2	2	4	0.7	1.1	0.5	0.8	0	1	1	2	1	4	5	2.0	1.9		
e. Unspecified	2	0	2	2	2	6	8	2.9	2.8	1.2	1.6	2	1	1	1	0	5	5	3.0	2.3		
II LYMPHOMA & RELATED	2	13	15	20	32	50	82	23.4	27.0	2.2	2.2	2	5	9	7	14	23	37	12.1	13.7		
a. Hodgkin	0	0	0	3	5	3	8	1.1	2.2	-	2.0	0	0	0	0	4	0	4	-	1.2		
b. Non-Hodgkin except BL	0	3	9	9	18	21	39	9.1	12.1	2.1	2.1	1	1	5	3	9	10	19	5.1	6.7		
c. Burkitt (BL)	0	5	2	1	2	8	10	4.4	4.0	2.0	2.5	0	1	1	2	0	4	4	2.0	1.5		
d. Lymphoreticular	1	2	1	4	2	8	10	3.8	3.5	1.0	1.3	1	3	3	1	0	8	8	4.6	3.6		
e. Unspecified	1	3	3	3	5	10	15	5.0	5.2	10.0	7.5	0	0	0	1	1	1	2	0.4	0.6		
III CNS NEOPLASMS	4	7	12	6	14	29	43	14.5	15.1	1.0	1.3	2	9	12	5	6	28	34	15.5	13.9		
a. Ependymoma	1	2	2	0	0	5	5	2.8	2.2	1.3	1.3	0	3	1	0	0	4	4	2.6	2.0		
b. Astrocytoma	0	2	3	1	5	6	11	3.0	3.7	0.8	1.0	0	2	4	2	3	8	11	4.2	4.1		
c. CNS embryonal	1	1	6	0	4	8	12	3.9	4.1	1.0	1.5	1	3	1	3	0	8	8	4.5	3.5		
d. Other gliomas	0	1	1	1	4	3	7	1.4	2.2	0.8	1.2	1	1	2	0	2	4	6	2.4	2.4		
e. Other specified	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	2	1	0	3	1	6	7	3.0	2.6	1.5	1.4	0	0	4	0	1	4	5	2.0	1.8		
IV NEUROBLASTOMA	2	11	0	1	2	14	16	8.7	7.3	0.6	0.7	12	8	1	2	0	23	23	15.1	11.7		
a. (Ganglio)neuroblastoma	2	11	0	1	2	14	16	8.7	7.3	0.6	0.7	12	8	1	2	0	23	23	15.1	11.7		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	0	8	0	0	0	8	8	5.1	4.0	2.7	2.7	0	2	1	0	0	3	3	1.9	1.4		
VI RENAL TUMOURS	1	5	1	0	0	7	7	4.3	3.3	0.6	0.6	2	6	3	0	1	11	12	7.0	5.7		
a. Nephroblastoma	1	5	1	0	0	7	7	4.3	3.3	0.7	0.7	2	5	3	0	0	10	10	6.3	4.9		
b. Renal 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	1	0	0	0	1	1	0.7	0.5		
VII HEPATIC TUMOURS	1	3	1	1	3	6	9	3.4	3.4	0.9	1.0	3	2	1	1	2	7	9	4.4	4.0		
a. Hepatoblastoma	1	3	0	0	0	4	4	2.6	2.0	0.7	0.6	3	2	0	1	1	6	7	3.9	3.3		
b. Hepatic carcinoma	0	0	1	1	3	2	5	0.8	1.5	2.0	2.5	0	0	1	0	1	1	2	0.5	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	3	2	8	12	13	25	5.7	7.7	1.1	1.4	0	2	5	5	6	12	18	5.9	6.4		
a. Osteosarcoma	0	1	1	6	7	8	15	3.3	4.5	1.1	1.3	0	0	2	5	5	7	12	3.0	3.9		
b. Chondrosarcoma	0	0	0	0	2	0	2	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	1	1	2	1	4	5	1.8	1.7	1.3	1.7	0	2	1	0	0	3	3	1.9	1.4		
d. Other specified	0	1	0	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	2	0	2	-	0.6	0.0	0.7	0	0	2	0	1	2	3	1.0	1.1		
IX SOFT TISSUE SARCOMA	1	2	7	5	9	15	24	6.8	7.8	1.3	1.3	1	4	2	5	7	12	19	6.5	7.2		
a. Rhabdomyosarcoma	1	0	6	1	3	8	11	3.6	3.7	4.0	3.7	0	2	0	0	1	2	3	1.4	1.4		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	1	1	2	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	1	4	6	7	13	3.2	4.1	0.9	1.1	0	2	2	4	4	8	12	4.0	4.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.6		
X GERM CELL TUMOURS	5	6	2	13	11	26	37	12.6	12.8	1.0	1.2	2	6	4	13	6	25	31	12.8	11.8		
a. CNS germ cell	0	1	2	12	4	15	19	5.9	5.7	2.5	3.2	0	2	1	3	0	6	6	3.1	2.4		
b. Other extragonadal	1	2	0	1	5	4	9	2.3	3.1	1.0	2.3	2	2	0	0	0	4	4	2.8	2.1		
c. Gonadal germ cell	4	3	0	0	2	7	9	4.5	4.0	0.5	0.6	0	2	3	8	2	13	15	6.1	5.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	0.4	1.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.4	0.3		
XI CARCINOMA & MELANOMA	0	0	1	4	10	5	15	1.9	4.2	0.4	0.3	0	1	3	8	47	12	59	5.4	18.7		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.7	0.5		
b. Thyroid	0	0	1	1	3	2	5	0.8	1.5	0.5	0.1	0	0	0	4	37	4	41	1.6	12.7		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.5	0.4		
d. Melanoma	0	0	0	1	0	1	1	0.4	0.3	1.0	0.3	0	0	1	0	2	1	3	0.5	1.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
f. Other & unspecified	0	0	0	2	7	2	9	0.7	2.5	0.4	0.8	0	0	1	4	7	5	12	2.1	3.8		
XII OTHER & UNSPECIFIED	0	2	1	2	1	5	6	2.4	2.2	1.0	0.5	1	1	2	1	6	5	11	2.8	4.0		
a. Other specified	0	0	0	1	0	1	1	0.4	0.3	1.0	0.3	0	0	0	1	2	1	3	0.4	0.9		
b. Other unspecified	0	2	1	1	1	4	5	2.1	1.9	1.0	0.6	1	1	2	0	4	4	8	2.4	3.1		
TOTAL	23	88	66	96	127	273	400	134.7	139.5	1.1	1.1	32	69	69	68	117	238	355	131.3	137.9		

Please consult the quality indicators for this registry

REPUBLIC-OF-KOREA, Daejeon (1999-2012)

	Age group	Males	Females
Person-years	0	109 314	101 409
	1-4	497 663	458 859
	5-9	732 888	660 157
	10-14	799 368	709 453
	15-19	813 138	727 869
Total	0-14	2 139 233	1 929 878
	0-19	2 952 371	2 657 747
Average annual population	0-14	152 802	137 848
	0-19	210 884	189 839

Please consult the quality indicators for this registry