

REPUBLIC-OF-KOREA, Daegu (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
I LEUKAEMIA	22	86	84	89	89	281	370	33.1	100.0	28.4	100.0	69.5	58.7	38.0	35.4	33.6	46.0	43.2	670	838	96.2	1.4
a. Lymphoid	7	55	43	41	27	146	173	17.2	52.0	13.3	46.8	22.1	37.5	19.4	16.3	10.2	24.5	21.3	353	404	100.0	0.0
b. Acute myeloid	6	13	21	28	36	68	104	8.0	24.2	8.0	28.1	19.0	8.9	9.5	11.1	13.6	10.4	11.1	156	224	100.0	0.0
c. CMD	3	2	2	8	11	15	26	1.8	5.3	2.0	7.0	9.5	1.4	0.9	3.2	4.2	2.3	2.7	34	55	100.0	0.0
d. MDS & other	3	7	4	3	10	17	27	2.0	6.0	2.1	7.3	9.5	4.8	1.8	1.2	3.8	3.1	3.3	43	62	88.9	11.1
e. Unspecified	3	9	14	9	5	35	40	4.1	12.5	3.1	10.8	9.5	6.1	6.3	3.6	1.9	5.7	4.8	83	93	72.5	5.0
II LYMPHOMA & RELATED	4	18	30	44	55	96	151	11.3	100.0	11.6	100.0	12.6	12.3	13.6	17.5	20.8	14.2	15.7	217	321	96.0	0.7
a. Hodgkin	0	0	2	6	17	8	25	0.9	8.3	1.9	16.6	-	-	0.9	2.4	6.4	1.0	2.2	16	49	100.0	0.0
b. Non-Hodgkin except BL	2	8	19	17	32	46	78	5.4	47.9	6.0	51.7	6.3	5.5	8.6	6.8	12.1	6.9	8.1	105	165	100.0	0.0
c. Burkitt (BL)	0	4	6	12	1	22	23	2.6	22.9	1.8	15.2	-	2.7	2.7	4.8	0.4	3.1	2.5	49	51	95.7	0.0
d. Lymphoreticular	2	4	2	5	1	13	14	1.5	13.5	1.1	9.3	6.3	2.7	0.9	2.0	0.4	2.2	1.8	31	33	92.9	7.1
e. Unspecified	0	2	1	4	4	7	11	0.8	7.3	0.8	7.3	-	1.4	0.5	1.6	1.5	1.0	1.1	16	23	63.6	0.0
III CNS NEOPLASMS	13	23	50	30	34	116	150	13.6	100.0	11.5	100.0	41.1	15.7	22.6	11.9	12.8	18.6	17.3	274	338	71.3	2.0
a. Ependymoma	2	4	3	1	5	10	15	1.2	8.6	1.2	10.0	6.3	2.7	1.4	0.4	1.9	1.9	1.9	26	35	100.0	0.0
b. Astrocytoma	2	4	12	7	9	25	34	2.9	21.6	2.6	22.7	6.3	2.7	5.4	2.8	3.4	3.9	3.8	58	75	94.1	0.0
c. CNS embryonal	4	10	19	9	4	42	46	4.9	36.2	3.5	30.7	12.6	6.8	8.6	3.6	1.5	6.9	5.6	100	108	100.0	0.0
d. Other gliomas	0	1	4	2	8	7	15	0.8	6.0	1.2	10.0	-	0.7	1.8	0.8	3.0	1.0	1.5	16	31	46.7	0.0
e. Other specified	1	0	1	0	0	2	2	0.2	1.7	0.2	1.3	3.2	-	0.5	-	-	0.4	0.3	5	5	100.0	0.0
f. Unspecified CNS	4	4	11	11	8	30	38	3.5	25.9	2.9	25.3	12.6	2.7	5.0	4.4	3.0	4.6	4.3	69	84	13.2	7.9
IV NEUROBLASTOMA	17	31	8	3	2	59	61	6.9	100.0	4.7	100.0	53.7	21.2	3.6	1.2	0.8	11.9	9.4	159	162	91.8	0.0
a. (Ganglio)neuroblastoma	17	31	8	3	0	59	59	6.9	100.0	4.5	96.7	53.7	21.2	3.6	1.2	-	11.9	9.3	159	159	91.5	0.0
b. Peripheral nervous	0	0	0	0	2	0	2	-	-	0.2	3.3	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
V RETINOBLASTOMA	8	12	0	0	0	20	20	2.4	100.0	1.5	100.0	25.3	8.2	-	-	-	4.3	3.4	56	56	70.0	0.0
VI RENAL TUMOURS	5	13	2	1	3	21	24	2.5	100.0	1.8	100.0	15.8	8.9	0.9	0.4	1.1	4.3	3.6	57	63	100.0	0.0
a. Nephroblastoma	5	13	2	1	1	21	22	2.5	100.0	1.7	91.7	15.8	8.9	0.9	0.4	0.4	4.3	3.4	57	59	100.0	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.2	8.3	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	11	7	5	3	7	26	33	3.1	100.0	2.5	100.0	34.8	4.8	2.3	1.2	2.6	5.0	4.5	68	81	78.8	0.0
a. Hepatoblastoma	11	6	1	0	0	18	18	2.1	69.2	1.4	54.5	34.8	4.1	0.5	-	-	3.8	3.0	50	50	100.0	0.0
b. Hepatic carcinoma	0	1	4	3	7	8	15	0.9	30.8	1.2	45.5	-	0.7	1.8	1.2	2.6	1.1	1.5	18	31	53.3	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	1	3	14	43	38	61	99	7.2	100.0	7.6	100.0	3.2	2.0	6.3	17.1	14.3	7.9	9.3	128	200	97.0	0.0
a. Osteosarcoma	0	1	8	35	23	44	67	5.2	72.1	5.1	67.7	-	0.7	3.6	13.9	8.7	5.4	6.2	91	134	100.0	0.0
b. Chondrosarcoma	0	0	0	0	3	0	3	-	-	0.2	3.0	-	-	-	-	1.1	-	0.3	-	6	100.0	0.0
c. Ewing & related	1	1	6	7	4	15	19	1.8	24.6	1.5	19.2	3.2	0.7	2.7	2.8	1.5	2.1	2.0	33	41	100.0	0.0
d. Other specified	0	0	0	1	4	1	5	0.1	1.6	0.4	5.1	-	-	-	0.4	1.5	0.1	0.4	2	10	100.0	0.0
e. Unspecified	0	1	0	0	4	1	5	0.1	1.6	0.4	5.1	-	0.7	-	-	1.5	0.2	0.5	3	10	40.0	0.0
IX SOFT TISSUE SARCOMA	1	13	6	19	23	39	62	4.6	100.0	4.8	100.0	3.2	8.9	2.7	7.6	8.7	6.1	6.7	91	134	100.0	0.0
a. Rhabdomyosarcoma	0	9	4	5	6	18	24	2.1	46.2	1.8	38.7	-	6.1	1.8	2.0	2.3	3.1	2.9	44	56	100.0	0.0
b. Fibrosarcoma	0	1	0	2	4	3	7	0.4	7.7	0.5	11.3	-	0.7	-	0.8	1.5	0.4	0.7	7	14	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.1	1.6	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
d. Other specified	1	2	2	11	9	16	25	1.9	41.0	1.9	40.3	3.2	1.4	0.9	4.4	3.4	2.2	2.5	35	52	100.0	0.0
e. Unspecified	0	1	0	1	3	2	5	0.2	5.1	0.4	8.1	-	0.7	-	0.4	1.1	0.3	0.5	5	10	100.0	0.0
X GERM CELL TUMOURS	12	14	7	34	63	67	130	7.9	100.0	10.0	100.0	37.9	9.6	3.2	13.5	23.8	10.6	13.6	156	275	97.7	0.0
a. CNS germ cell	0	0	2	16	20	18	38	2.1	26.9	2.9	29.2	-	-	0.9	6.4	7.5	2.1	3.4	36	74	94.7	0.0
b. Other extragonadal	7	4	0	1	11	12	23	1.4	17.9	1.8	17.7	22.1	2.7	-	0.4	4.2	2.5	2.9	33	54	100.0	0.0
c. Gonadal germ cell	5	10	5	16	24	36	60	4.2	53.7	4.6	46.2	15.8	6.8	2.3	6.4	9.1	5.8	6.6	85	131	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	5	0	5	-	-	0.4	3.8	-	-	-	-	1.9	-	0.4	-	9	100.0	0.0
e. Unspecified gonadal	0	0	0	1	3	1	4	0.1	1.5	0.3	3.1	-	-	-	0.4	1.1	0.1	0.3	2	8	75.0	0.0
XI CARCINOMA & MELANOMA	0	2	10	31	133	43	176	5.1	100.0	13.5	100.0	-	1.4	4.5	12.3	50.2	5.5	15.5	90	341	100.0	0.0
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.1	0.6	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
b. Thyroid	0	1	5	18	95	24	119	2.8	55.8	9.1	67.6	-	0.7	2.3	7.2	35.8	3.0	10.4	50	229	100.0	0.0
c. Nasopharyngeal	0	0	1	0	1	1	2	0.1	2.3	0.2	1.1	-	-	0.5	-	0.4	0.1	0.2	2	4	100.0	0.0
d. Melanoma	0	0	0	1	3	1	4	0.1	2.3	0.3	2.3	-	-	-	0.4	1.1	0.1	0.3	2	8	100.0	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.1	0.6	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
f. Other & unspecified	0	1	4	12	32	17	49	2.0	39.5	3.8	27.8	-	0.7	1.8	4.8	12.1	2.2	4.4	36	96	100.0	0.0
XII OTHER & UNSPECIFIED	3	7	8	3	7	21	28	2.5	100.0	2.1	100.0	9.5	4.8	3.6	1.2	2.6	3.7	3.5	52	65	25.0	7.1
a. Other specified	0	3	2	0	0	5	5	0.6	23.8	0.4	17.9	-	2.0	0.9	-	-	0.9	0.7	13	13	100.0	0.0
b. Other unspecified	3	4	6	3	7	16	23	1.9	76.2	1.8	82.1	9.5	2.7	2.7	1.2	2.6	2.7	2.7	39	52	8.7	8.7
TOTAL	97	229	224	300	454	850	1304	100.0	100.0	100.0	100.0	306.5	156.2	101.2	119.4	171.3	138.1	145.6	2018	2874	91.7	0.8

Please consult the quality indicators for this registry

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

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	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			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	9	48	57	54	58	168	226	50.2	47.9	1.5	1.6	13	38	27	35	31	113	144	41.0	37.6		
a. Lymphoid	1	32	31	23	22	87	109	26.8	24.2	1.5	1.7	6	23	12	18	5	59	64	21.8	17.8		
b. Acute myeloid	3	9	11	16	18	39	57	11.3	11.5	1.3	1.2	3	4	10	12	18	29	47	9.5	10.7		
c. CMD	2	0	1	6	8	9	17	2.4	3.1	1.5	1.9	1	2	1	2	3	6	9	2.2	2.3		
d. MDS & other	3	3	3	3	5	12	17	3.9	3.8	2.4	1.7	0	4	1	0	5	5	10	2.2	2.6		
e. Unspecified	0	4	11	6	5	21	26	5.9	5.3	1.5	1.9	3	5	3	3	0	14	14	5.4	4.2		
II LYMPHOMA & RELATED	4	11	20	32	35	67	102	18.3	19.6	2.3	2.1	0	7	10	12	20	29	49	9.5	11.1		
a. Hodgkin	0	0	1	5	11	6	17	1.3	2.7	3.0	2.1	0	0	1	1	6	2	8	0.6	1.6		
b. Non-Hodgkin except BL	2	5	13	11	22	31	53	8.7	10.2	2.1	2.1	0	3	6	6	10	15	25	4.8	5.6		
c. Burkitt (BL)	0	4	5	11	1	20	21	5.3	4.3	10.0	10.5	0	0	1	1	0	2	2	0.6	0.4		
d. Lymphoreticular	2	2	1	3	0	8	8	2.5	2.0	1.6	1.3	0	2	1	2	1	5	6	1.7	1.5		
e. Unspecified	0	0	0	2	1	2	3	0.4	0.5	0.4	0.4	0	2	1	2	3	5	8	1.7	1.9		
III CNS NEOPLASMS	10	13	30	18	17	71	88	21.4	19.2	1.6	1.4	3	10	20	12	17	45	62	15.4	15.1		
a. Ependymoma	2	3	3	0	4	8	12	2.9	2.8	4.0	4.0	0	1	0	1	1	2	3	0.7	0.7		
b. Astrocytoma	2	2	7	5	2	16	18	4.6	3.9	1.8	1.1	0	2	5	2	7	9	16	3.0	3.6		
c. CNS embryonal	2	6	12	3	4	23	27	7.2	6.2	1.2	1.4	2	4	7	6	0	19	19	6.5	5.0		
d. Other gliomas	0	1	1	2	3	4	7	1.1	1.3	1.3	0.9	0	0	3	0	5	3	8	0.9	1.7		
e. Other specified	1	0	1	0	0	2	2	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	3	1	6	8	4	18	22	5.0	4.5	1.5	1.4	1	3	5	3	4	12	16	4.2	4.0		
IV NEUROBLASTOMA	5	14	7	3	1	29	30	10.3	8.2	1.0	1.0	12	17	1	0	1	30	31	13.7	10.8		
a. (Ganglio)neuroblastoma	5	14	7	3	0	29	29	10.3	8.0	1.0	1.0	12	17	1	0	0	30	30	13.7	10.6		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
V RETINOBLASTOMA	3	8	0	0	0	11	11	4.5	3.5	1.2	1.2	5	4	0	0	0	9	9	4.1	3.2		
VI RENAL TUMOURS	5	3	1	0	2	9	11	3.6	3.1	0.8	0.8	0	10	1	1	1	12	13	5.2	4.2		
a. Nephroblastoma	5	3	1	0	1	9	10	3.6	2.9	0.8	0.8	0	10	1	1	0	12	12	5.2	4.0		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	5	4	3	1	4	13	17	4.7	4.3	1.0	1.1	6	3	2	2	3	13	16	5.3	4.7		
a. Hepatoblastoma	5	3	0	0	0	8	8	3.3	2.6	0.8	0.8	6	3	1	0	0	10	10	4.5	3.5		
b. Hepatic carcinoma	0	1	3	1	4	5	9	1.4	1.7	1.7	1.5	0	0	1	2	3	3	6	0.8	1.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	10	24	27	35	62	8.2	10.5	1.3	1.7	1	2	4	19	11	26	37	7.5	7.9		
a. Osteosarcoma	0	0	6	17	16	23	39	5.2	6.5	1.1	1.4	0	1	2	18	7	21	28	5.7	5.7		
b. Chondrosarcoma	0	0	0	0	3	0	3	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	4	6	1	10	11	2.3	2.0	2.0	1.4	1	1	2	1	3	5	8	1.8	2.0		
d. Other specified	0	0	0	1	3	1	4	0.2	0.6	-	4.0	0	0	0	0	1	0	1	-	0.2		
e. Unspecified	0	1	0	0	4	1	5	0.4	0.9	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	6	2	7	12	16	28	4.9	5.7	0.7	0.8	0	7	4	12	11	23	34	7.6	7.9		
a. Rhabdomyosarcoma	0	5	1	1	5	7	12	2.5	2.7	0.6	1.0	0	4	3	4	1	11	12	3.8	3.1		
b. Fibrosarcoma	0	0	0	1	3	1	4	0.2	0.6	0.5	1.3	0	1	0	1	1	2	3	0.7	0.7		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2		
d. Other specified	1	0	1	5	2	7	9	1.7	1.7	0.8	0.6	0	2	1	6	7	9	16	2.8	3.5		
e. Unspecified	0	1	0	0	2	1	3	0.4	0.6	1.0	1.5	0	0	0	1	1	1	2	0.3	0.4		
X GERM CELL TUMOURS	6	9	2	14	34	31	65	9.7	12.8	0.9	1.0	6	5	5	20	29	36	65	11.8	14.5		
a. CNS germ cell	0	0	2	12	20	14	34	3.1	5.5	3.5	8.5	0	0	0	4	0	4	4	1.0	0.8		
b. Other extragonadal	1	1	0	1	9	3	12	1.0	2.2	0.3	1.1	6	3	0	0	2	9	11	4.1	3.6		
c. Gonadal germ cell	5	8	0	1	5	14	19	5.6	5.1	0.6	0.5	0	2	5	15	19	22	41	6.3	8.5		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	5	0	5	-	0.9		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	3	1	4	0.3	0.8		
XI CARCINOMA & MELANOMA	0	0	4	10	34	14	48	3.2	7.8	0.5	0.4	0	2	6	21	99	29	128	8.2	24.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2		
b. Thyroid	0	0	2	4	17	6	23	1.4	3.7	0.3	0.2	0	1	3	14	78	18	96	5.0	18.5		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	1	2	0.3	0.4		
d. Melanoma	0	0	0	0	3	0	3	-	0.5	0.0	3.0	0	0	0	1	0	1	1	0.3	0.2		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.2		
f. Other & unspecified	0	0	2	6	14	8	22	1.8	3.6	0.9	0.8	0	1	2	6	18	9	27	2.6	5.4		
XII OTHER & UNSPECIFIED	2	5	4	0	3	11	14	4.0	3.5	1.1	1.0	1	2	4	3	4	10	14	3.4	3.4		
a. Other specified	0	1	0	0	0	1	1	0.4	0.3	0.3	0.3	0	2	2	0	0	4	4	1.6	1.2		
b. Other unspecified	2	4	4	0	3	10	13	3.5	3.2	1.7	1.3	1	0	2	3	4	6	10	1.9	2.2		
TOTAL	50	122	140	163	227	475	702	142.9	146.1	1.3	1.2	47	107	84	137	227	375	602	132.5	145.2		

Please consult the quality indicators for this registry

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

	Age group	Males	Females
Person-years	0	166 118	150 332
	1-4	774 850	690 818
	5-9	1 192 986	1 019 748
	10-14	1 379 216	1 133 284
	15-19	1 447 367	1 202 622
Total	0-14	3 513 170	2 994 182
	0-19	4 960 537	4 196 804
Average annual population	0-14	250 941	213 870
	0-19	354 324	299 772

Please consult the quality indicators for this registry