

**S6 Table.** Five-year relative survival rates for Korean adolescents and young adults according to the time period of cancer diagnosis: female

Site group	1993-1995		1996-2000		2001-2005		2006-2010		2012-2016		Change	p-value
	Cases	RSR	Cases	RSR	Cases	RSR	Cases	RSR	Cases	RSR		
<b>All cancers</b>	14,559	70.6	29,355	74.8	36,857	82.8	56,904	90.4	61,856	93.3	22.7	*
<b>All cancers (excluding thyroid carcinoma)</b>	12,771	66.5	25,129	70.6	26,563	76.2	28,499	80.8	28,218	84.5	18.0	*
<b>1 Leukemias</b>	616	26.4	1,161	39.7	1,124	50.3	1,144	60.7	1,005	66.8	40.4	*
1.1 Acute lymphoid leukemia	134	18.0	275	29.2	227	36.7	253	42.0	224	52.4	34.4	*
1.2 Acute myeloid leukemia	313	27.3	573	43.2	612	47.8	542	57.0	480	61.9	34.6	*
1.3 Chronic myeloid leukemia	95	38.0	189	52.0	171	82.7	206	91.0	200	97.1	59.1	*
1.4 Other and unspecified leukemia	74	23.0	124	28.3	114	42.2	143	64.5	101	63.1	40.1	*
<b>2 Lymphomas</b>	377	59.7	810	70.9	1,075	78.4	1,273	86.3	1,400	92.0	32.3	*
2.1 Non-Hodgkin lymphoma	320	56.5	715	68.6	930	76.1	1,089	85.0	1,149	90.7	34.2	*
2.2 Hodgkin lymphoma	57	77.5	95	87.6	145	92.6	184	94.2	251	98.0	20.5	*
<b>3 CNS and other intracranial and intraspinal neoplasms</b>	319	56.3	627	55.3	704	60.7	715	67.9	623	69.1	12.8	*
3.1 Astrocytoma	149	50.5	291	44.1	304	46.5	303	52.3	259	47.1	-3.4	-
3.1.1 Specified low-grade astrocytic tumors	8	87.8	32	62.7	33	76.0	36	86.3	23	73.7	-14.1	-
3.1.2 Glioblastoma and anaplastic astrocytoma	71	35.4	161	29.9	186	35.1	198	36.0	170	33.8	-1.6	-
3.1.3 Astrocytoma, NOS	70	61.7	98	61.4	85	60.2	69	81.4	66	73.4	11.7	*
3.2 Other glioma	59	54.5	100	65.2	168	69.3	194	79.6	200	81.0	26.5	*
3.3 Ependymoma	16	81.6	35	82.7	50	90.2	57	93.2	64	95.2	13.6	-
3.4 Medulloblastoma and other PNET	11	54.7	50	54.1	48	60.5	48	60.5	26	61.4	6.7	-
3.4.1 Medulloblastoma	8	50.1	21	66.8	23	78.4	21	57.3	8	87.7	37.6	-
3.4.2 Supratentorial PNET	< 5	66.9	29	44.9	25	44.1	27	63.1	18	49.7	-17.2	-
3.5 Other specified intracranial and intraspinal neoplasms	15	87.1	29	72.7	23	61.0	20	75.2	17	87.7	0.6	-
3.6 Unspecified intracranial and intraspinal neoplasms	69	58.1	122	62.5	111	73.2	93	80.9	57	96.7	38.6	*
<b>4 Osseous and chondromatous neoplasms</b>	153	55.1	308	69.4	293	72.9	266	75.0	308	76.8	21.7	*
4.1 Osteosarcoma	73	50.9	159	66.9	140	70.9	116	69.1	140	70.2	19.3	*
4.2 Chondrosarcoma	24	62.7	61	83.9	58	83.0	68	91.4	86	89.2	26.5	*
4.3 Ewing tumor	19	42.2	33	48.6	41	61.1	34	50.1	31	59.2	17.0	-
4.4 Other specified and unspecified bone tumors	37	65.1	55	72.9	54	76.1	48	83.5	51	85.0	19.9	*
<b>5 Soft tissue sarcomas</b>	264	68.5	540	66.7	616	75.2	644	76.9	757	80.7	12.2	*
5.1 Fibromatous neoplasms	48	81.6	101	84.5	166	92.4	207	94.5	248	99.2	17.6	*
5.2 Rhabdomyosarcoma	19	26.4	42	40.6	33	36.4	28	42.9	36	49.6	23.2	-
5.3 Other soft tissue sarcoma	197	69.3	397	65.0	417	71.4	409	70.4	473	74.3	5.0	-
5.3.1 Specified soft tissue sarcoma	181	71.0	332	67.7	344	73.5	332	71.6	382	75.3	4.3	-
5.3.2 Unspecified soft tissue sarcoma	16	50.2	65	50.9	73	61.8	77	65.1	91	70.2	20.0	*
<b>6 Germ cell and trophoblastic neoplasms</b>	262	86.6	595	91.5	555	92.6	549	94.9	558	96.0	9.4	*
6.1 Germ cell and trophoblastic neoplasms of gonads	170	89.1	390	95.6	386	96.8	372	96.4	412	97.3	8.2	*
6.2 Germ cell and trophoblastic neoplasms of nongonadal sites	92	81.8	205	83.7	169	83.1	177	91.8	146	92.3	10.5	*
6.2.1 Intracranial	8	62.7	23	78.4	18	72.3	31	93.7	29	96.5	33.8	*
6.2.2 Other nongonadal	84	83.7	182	84.3	151	84.3	146	91.4	117	91.2	7.5	*
<b>7 Melanoma and skin carcinomas</b>	96	63.8	173	70.2	207	78.5	278	85.9	246	88.6	24.8	*

7.1 Melanoma	48	37.7	90	52.4	98	61.4	121	71.3	106	80.1	42.4	*
7.2 Skin carcinomas	48	90.0	83	89.5	109	93.9	157	97.1	140	94.9	4.9	-
<b>8 Carcinomas</b>	11,043	74.3	23,137	77.3	30,717	85.0	50,598	92.0	55,481	94.4	20.1	*
8.1 Thyroid carcinoma	1,788	99.7	4,226	99.8	10,294	100.0	28,405	100.1	33,638	100.1	0.4	*
8.2 Other carcinoma of head and neck	181	78.1	354	80.5	428	83.7	460	83.7	505	89.4	11.3	*
8.2.1 Nasopharyngeal carcinoma	44	73.1	89	73.3	72	79.4	82	82.0	64	83.7	10.6	-
8.2.2 Other sites in lip, oral cavity and pharynx	109	83.7	230	84.6	311	86.1	330	85.7	407	91.4	7.7	-
8.2.3 Nasal cavity, middle ear, sinuses, larynx, other ill-defined head/neck	28	64.6	35	71.7	45	73.6	48	73.2	34	78.9	14.3	-
8.3 Carcinoma of trachea, bronchus, and lung	203	16.3	441	24.8	473	26.7	525	35.6	498	52.7	36.4	*
8.4 Carcinoma of breast	2,484	79.3	5,844	84.1	7,972	87.3	9,374	90.4	9,993	91.4	12.1	*
8.5 Carcinoma of genitourinary tract	3,449	84.7	6,487	86.5	5,642	88.8	5,727	88.1	5,860	88.0	3.3	*
8.5.1 Carcinoma of kidney	63	79.7	180	78.7	241	87.4	341	90.9	415	95.4	15.7	*
8.5.2 Carcinoma of bladder	46	78.7	63	78.1	96	93.0	72	93.4	72	85.3	6.6	-
8.5.3 Carcinoma of gonads	510	76.4	939	75.7	909	80.3	998	78.9	975	81.5	5.1	*
8.5.4 Carcinoma of cervix and uterus	2,803	86.5	5,247	89.0	4,341	90.7	4,257	90.0	4,346	89.0	2.5	*
8.5.5 Carcinoma of other and ill-defined sites, genitourinary tract	27	74.5	58	72.7	55	78.4	59	86.7	52	74.5	0.0	-
8.6 Carcinoma of gastrointestinal tract	2,749	46.6	5,492	48.0	5,688	57.7	5,878	65.6	4,780	71.8	25.2	*
8.6.1 Carcinoma of colon and rectum	559	55.9	1,227	59.3	1,312	72.0	1,715	77.2	1,668	82.2	26.3	*
8.6.2 Carcinoma of stomach	1,904	45.9	3,554	47.3	3,655	56.8	3,434	64.9	2,474	70.2	24.3	*
8.6.3 Carcinoma of liver and intrahepatic bile ducts	143	23.2	485	28.8	466	32.7	454	38.0	365	45.8	22.6	*
8.6.4 Carcinoma of pancreas	65	54.1	79	39.4	104	38.6	126	36.6	171	59.2	5.1	-
8.6.5 Carcinoma of other and ill-defined sites, gastrointestinal tract	78	33.5	147	40.3	151	44.5	149	58.6	102	53.1	19.6	*
8.7 Carcinoma of other and ill-defined sites	189	39.3	293	33.6	220	42.4	229	63.5	207	66.6	27.3	*
8.7.1 Adrenocortical carcinoma	12	67.0	13	46.3	14	21.5	24	62.7	23	55.6	-11.4	-
8.7.2 Carcinoma of other and ill-defined sites, NOS	177	37.5	280	33.0	206	43.8	205	63.6	184	68.0	30.5	*
<b>9 Miscellaneous specified neoplasms, NOS</b>	184	71.5	396	85.2	608	86.0	771	86.0	850	90.9	19.4	*
9.1 Other pediatric and embryonal tumors, NOS	17	29.5	28	57.3	40	65.2	39	69.4	28	81.5	52.0	*
9.1.1 Wilms tumor	< 5	50.2	6	83.5	11	91.1	5	100.2	0	-	-	-
9.1.2 Neuroblastoma	5	0.0	< 5	25.1	6	50.1	12	83.5	7	80.1	80.1	*
9.1.3 Other pediatric and embryonal tumors, NOS	10	40.1	18	55.7	23	56.7	22	54.7	21	84.4	44.3	-
9.2 Other specified and embryonal tumors, NOS	167	75.8	368	87.3	568	87.4	732	86.9	822	91.2	15.4	*
9.2.1 Paraganglioma and glomus tumors	< 5	67.0	17	82.7	23	87.2	19	89.7	18	94.7	27.7	-
9.2.2 Other specified gonadal tumors	15	87.1	56	87.8	64	94.1	55	89.4	57	100.2	13.1	-
9.2.3 Myeloma, mast cell, miscellaneous lymphoreticular neoplasms, NOS	35	40.2	40	47.7	41	63.6	69	78.5	99	81.8	41.6	*
9.2.4 Other specified neoplasms, NOS	114	85.5	255	93.7	440	88.7	589	87.5	648	91.9	6.4	-
<b>10 Unspecified malignant neoplasms</b>	1,245	65.7	1,608	70.2	958	72.0	666	78.7	628	82.9	17.2	*

CNS, central nervous system; NOS, not otherwise specified; PNET, primitive neuroectodermal tumor; RSR, relative survival rate. \*p < 0.05.