

TURKEY, 8 registries (1992-2012)

	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	0-19			0-14	0-19
I LEUKAEMIA	105	907	525	434	411	1971	2382	32.9	100.0	27.5	100.0	42.8	90.5	40.1	31.0	28.8	53.3	47.8	761	905	99.7	0.3
a. Lymphoid	47	769	406	272	225	1494	1719	24.9	75.8	19.8	72.2	19.2	76.8	31.0	19.4	15.7	41.0	35.3	579	658	99.9	0.1
b. Acute myeloid	32	99	83	116	121	330	451	5.5	16.7	5.2	18.9	13.0	9.9	6.3	8.3	8.5	8.5	8.5	126	168	99.8	0.0
c. CMD	1	4	10	18	33	33	66	0.6	1.7	0.8	2.8	0.4	0.4	0.8	1.3	2.3	0.8	1.1	12	24	100.0	0.0
d. MDS & other	15	22	12	14	18	63	81	1.1	3.2	0.9	3.4	6.1	2.2	0.9	1.0	1.3	1.7	1.6	24	31	100.0	0.0
e. Unspecified	10	13	14	14	14	51	65	0.9	2.6	0.8	2.7	4.1	1.3	1.1	1.0	1.0	1.3	1.3	20	24	90.8	7.7
II LYMPHOMA & RELATED	18	183	323	343	463	867	1330	14.5	100.0	15.4	100.0	7.3	18.3	24.7	24.5	32.4	21.3	23.8	326	488	99.3	0.2
a. Hodgkin	1	48	109	163	238	321	559	5.4	37.0	6.5	42.0	0.4	4.8	8.3	11.6	16.7	7.6	9.6	119	203	100.0	0.0
b. Non-Hodgkin except BL	5	56	112	126	183	299	482	5.0	34.5	5.6	36.2	2.0	5.6	8.5	9.0	12.8	7.3	8.5	112	176	99.8	0.0
c. Burkitt (BL)	1	46	75	42	16	164	180	2.7	18.9	2.1	13.5	0.4	4.6	5.7	3.0	1.1	4.2	3.5	62	68	100.0	0.0
d. Lymphoreticular	11	25	18	7	4	61	65	1.0	7.0	0.8	4.9	4.5	2.5	1.4	0.5	0.3	1.7	1.4	24	25	96.9	3.1
e. Unspecified	0	8	9	5	22	22	44	0.4	2.5	0.5	3.3	-	0.8	0.7	0.4	1.5	0.6	0.8	8	16	86.4	0.0
III CNS NEOPLASMS †	55	324	407	381	462	1167	1629	19.5	100.0	18.8	100.0	22.4	32.3	31.1	27.2	32.3	29.7	30.3	443	605	80.9	0.3
a. Ependymoma	15	66	21	29	34	131	165	2.2	11.2	1.9	10.1	6.1	6.6	1.6	2.1	2.4	3.6	3.4	51	63	98.8	0.0
b. Astrocytoma	11	91	136	123	120	361	481	6.0	30.9	5.6	29.5	4.5	9.1	10.4	8.8	8.4	9.1	8.9	137	179	94.4	0.2
c. CNS embryonal	14	74	105	72	42	265	307	4.4	22.7	3.5	18.8	5.7	7.4	8.0	5.1	2.9	6.8	5.9	101	116	100.0	0.0
d. Other gliomas	5	50	75	51	53	181	234	3.0	15.5	2.7	14.4	2.0	5.0	5.7	3.6	3.7	4.6	4.4	69	87	64.5	0.0
e. Other specified	3	26	40	78	171	147	318	2.5	12.6	3.7	19.5	1.2	2.6	3.1	5.6	12.0	3.5	5.4	55	115	68.2	0.0
f. Unspecified CNS	7	17	30	28	42	82	124	1.4	7.0	1.4	7.6	2.9	1.7	2.3	2.0	2.9	2.1	2.3	31	46	21.0	3.2
IV NEUROBLASTOMA	113	210	38	12	9	373	382	6.2	100.0	4.4	100.0	46.1	21.0	2.9	0.9	0.6	11.2	8.8	148	151	96.6	0.0
a. (Ganglio)neuroblastoma	112	207	38	11	5	368	373	6.1	98.7	4.3	97.6	45.7	20.7	2.9	0.8	0.3	11.1	8.7	146	148	96.5	0.0
b. Peripheral nervous	1	3	0	1	4	5	9	0.1	1.3	0.1	2.4	0.4	0.3	-	0.1	0.3	0.1	0.2	2	3	100.0	0.0
V RETINOBLASTOMA	61	64	10	2	1	137	138	2.3	100.0	1.6	100.0	24.9	6.4	0.8	0.1	0.1	4.2	3.2	55	55	90.6	0.7
VI RENAL TUMOURS	43	154	58	12	13	267	280	4.5	100.0	3.2	100.0	17.5	15.4	4.4	0.9	0.9	7.8	6.2	105	110	97.5	0.0
a. Nephroblastoma	43	151	54	7	3	255	258	4.3	95.5	3.0	92.1	17.5	15.1	4.1	0.5	0.2	7.5	5.9	101	102	98.1	0.0
b. Renal carcinoma	0	3	3	5	9	11	20	0.2	4.1	0.2	7.1	-	0.3	0.2	0.4	0.6	0.3	0.4	4	7	100.0	0.0
c. Unspecified	0	0	1	0	1	1	2	0.0	0.4	0.0	0.7	-	-	0.1	-	0.1	0.0	0.0	0	1	0.0	0.0
VII HEPATIC TUMOURS	23	30	8	6	11	67	78	1.1	100.0	0.9	100.0	9.4	3.0	0.6	0.4	0.8	2.0	1.7	26	30	93.6	2.6
a. Hepatoblastoma	22	28	7	2	0	59	59	1.0	88.1	0.7	75.6	9.0	2.8	0.5	0.1	-	1.8	1.4	23	23	96.6	0.0
b. Hepatic carcinoma	0	2	1	4	11	7	18	0.1	10.4	0.2	23.1	-	0.2	0.1	0.3	0.8	0.2	0.3	3	6	88.9	5.6
c. Unspecified	1	0	0	0	0	1	1	0.0	1.5	0.0	1.3	0.4	-	-	-	-	0.0	0.0	0	0	0.0	100.0
VIII BONE TUMOURS	5	16	68	189	257	278	535	4.6	100.0	6.2	100.0	2.0	1.6	5.2	13.5	18.0	6.2	8.9	102	192	97.8	0.2
a. Osteosarcoma	1	2	31	97	116	131	247	2.2	47.1	2.9	46.2	0.4	0.2	2.4	6.9	8.1	2.9	4.0	48	88	100.0	0.0
b. Chondrosarcoma	0	0	2	4	18	6	24	0.1	2.2	0.3	4.5	-	-	0.2	0.3	1.3	0.1	0.4	2	8	100.0	0.0
c. Ewing & related	3	11	30	70	95	114	209	1.9	41.0	2.4	39.1	1.2	1.1	2.3	5.0	6.6	2.6	3.5	42	75	100.0	0.0
d. Other specified	1	1	3	10	16	15	31	0.3	5.4	0.4	5.8	0.4	0.1	0.2	0.7	1.1	0.3	0.5	6	11	100.0	0.0
e. Unspecified	0	2	2	8	12	12	24	0.2	4.3	0.3	4.5	-	0.2	0.2	0.6	0.8	0.3	0.4	4	9	50.0	4.2
IX SOFT TISSUE SARCOMA	34	93	87	119	190	333	523	5.6	100.0	6.0	100.0	13.9	9.3	6.6	8.5	13.3	8.6	9.6	127	193	99.6	0.2
a. Rhabdomyosarcoma	19	61	49	36	41	165	206	2.8	49.5	2.4	39.4	7.7	6.1	3.7	2.6	2.9	4.4	4.1	64	78	100.0	0.0
b. Fibrosarcoma	10	9	10	10	27	39	66	0.7	11.7	0.8	12.6	4.1	0.9	0.8	0.7	1.9	1.0	1.2	15	24	100.0	0.0
c. Kaposi sarcoma	0	0	2	1	3	3	6	0.1	0.9	0.1	1.1	-	-	0.2	0.1	0.2	0.1	0.1	1	2	100.0	0.0
d. Other specified	4	15	17	54	92	90	182	1.5	27.0	2.1	34.8	1.6	1.5	1.3	3.9	6.4	2.1	3.1	33	66	100.0	0.0
e. Unspecified	1	8	9	18	27	36	63	0.6	10.8	0.7	12.0	0.4	0.8	0.7	1.3	1.9	0.9	1.1	13	23	96.8	1.6
X GERM CELL TUMOURS	47	58	26	83	280	214	494	3.6	100.0	5.7	100.0	19.2	5.8	2.0	5.9	19.6	5.6	8.8	82	180	98.2	0.4
a. CNS germ cell ‡	4	1	8	18	6	31	37	0.5	14.5	0.4	7.5	1.6	0.1	0.6	1.3	0.4	0.7	0.7	11	14	97.3	0.0
b. Other extragonadal	26	26	3	7	9	62	71	1.0	29.0	0.8	14.4	10.6	2.6	0.2	0.5	0.6	1.8	1.6	24	28	100.0	0.0
c. Gonadal germ cell	17	31	13	50	237	111	348	1.9	51.9	4.0	70.4	6.9	3.1	1.0	3.6	16.6	2.8	5.9	42	125	100.0	0.0
d. Gonadal carcinoma	0	0	0	4	15	4	19	0.1	1.9	0.2	3.8	-	-	-	0.3	1.0	0.1	0.3	1	7	100.0	0.0
e. Unspecified gonadal	0	0	2	4	13	6	19	0.1	2.8	0.2	3.8	-	-	0.2	0.3	0.9	0.1	0.3	2	7	57.9	10.5
XI CARCINOMA & MELANOMA	4	16	48	210	517	278	795	4.6	100.0	9.2	100.0	1.6	1.6	3.7	15.0	36.2	6.2	12.9	101	282	99.9	0.1
a. Adrenocortical	2	4	2	1	1	9	10	0.2	3.2	0.1	1.3	0.8	0.4	0.2	0.1	0.1	0.3	0.2	4	4	100.0	0.0
b. Thyroid	0	1	11	71	239	83	322	1.4	29.9	3.7	40.5	-	0.1	0.8	5.1	16.7	1.8	5.1	30	114	100.0	0.0
c. Nasopharyngeal	1	0	2	46	61	49	110	0.8	17.6	1.3	13.8	0.4	-	0.2	3.3	4.3	1.0	1.8	18	39	100.0	0.0
d. Melanoma	0	3	6	14	27	23	50	0.4	8.3	0.6	6.3	-	0.3	0.5	1.0	1.9	0.5	0.8	8	18	100.0	0.0
e. Skin carcinoma	0	3	7	26	58	36	94	0.6	12.9	1.1	11.8	-	0.3	0.5	1.9	4.1	0.8	1.5	13	33	100.0	0.0
f. Other & unspecified	1	5	20	52	131	78	209	1.3	28.1	2.4	26.3	0.4	0.5	1.5	3.7	9.2	1.8	3.4	29	74	99.5	0.5
XII OTHER & UNSPECIFIED	5	15	7	20	50	47	97	0.8	100.0	1.1	100.0	2.0	1.5	0.5	1.4	3.5	1.2	1.7	18	35	45.4	15.5
a. Other specified	0	2	0	2	5	4	9	0.1	8.5	0.1	9.3	-	0.2	-	0.1	0.3	0.1	0.2	2	3	100.0	0.0
b. Other unspecified	5	13	7	18	45	43	88	0.7	91.5	1.0	90.7	2.0	1.3	0.5	1.3	3.1	1.1	1.6	16	32	39.8	17.0
TOTAL	513	2070	1605	1811	2664	5999	8663	100.0	100.0	100.0	100.0	209.1	206.6	122.5	129.3	186.4	157.2	163.8	2294	3227	94.9	0.4

† includes 571 non-malignant ‡ includes 5 non-malignant

Please consult the quality indicators for the constituent registries

TURKEY, 8 registries (1992-2012)

	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	0-14	0-19		
I LEUKAEMIA	61	533	291	227	242	1112	1354	59.2	53.3	1.3	1.3	44	374	234	207	169	859	1028	47.2	42.0				
a. Lymphoid	28	452	226	146	140	852	992	45.9	39.9	1.3	1.4	19	317	180	126	85	642	727	35.8	30.5				
b. Acute myeloid	16	58	46	57	63	177	240	9.0	8.9	1.2	1.1	16	41	37	59	58	153	211	8.0	8.1				
c. CMD	1	2	4	8	20	15	35	0.7	1.2	0.8	1.1	0	2	6	10	13	18	31	0.9	1.1				
d. MDS & other	11	14	6	7	8	38	46	2.1	1.9	1.5	1.3	4	8	6	7	10	25	35	1.4	1.4				
e. Unspecified	5	7	9	9	11	30	41	1.5	1.5	1.4	1.7	5	6	5	5	3	21	24	1.2	1.0				
II LYMPHOMA & RELATED	12	126	225	218	281	581	862	28.0	30.4	2.0	1.8	6	57	98	125	182	286	468	14.3	16.9				
a. Hodgkin	1	39	72	89	138	201	339	9.5	11.6	1.7	1.5	0	9	37	74	100	120	220	5.6	7.5				
b. Non-Hodgkin except BL	4	33	78	90	118	205	323	9.6	11.1	2.2	2.0	1	23	34	36	65	94	159	4.8	5.8				
c. Burkitt (BL)	0	29	56	32	11	117	128	5.7	4.8	2.5	2.5	1	17	19	10	5	47	52	2.5	2.1				
d. Lymphoreticular	7	18	13	4	1	42	43	2.3	1.8	2.2	2.0	4	7	5	3	3	19	22	1.1	0.9				
e. Unspecified	0	7	6	3	13	16	29	0.8	1.0	2.7	1.9	0	1	3	2	9	6	15	0.3	0.5				
III CNS NEOPLASMS †	32	178	213	180	216	603	819	30.3	30.1	1.1	1.0	23	146	194	201	246	564	810	29.1	30.4				
a. Ependymoma	8	40	15	18	21	81	102	4.4	4.0	1.6	1.6	7	26	6	11	13	50	63	2.9	2.6				
b. Astrocytoma	6	46	63	55	72	170	242	8.4	8.7	0.9	1.0	5	45	73	68	48	191	239	9.7	9.1				
c. CNS embryonal	6	47	67	38	23	158	181	8.0	6.9	1.5	1.4	8	27	38	34	19	107	126	5.6	4.9				
d. Other gliomas	4	25	33	26	30	88	118	4.4	4.3	0.9	1.0	1	25	42	25	23	93	116	4.8	4.5				
e. Other specified	2	12	16	35	43	65	108	3.0	3.7	0.8	0.5	1	14	24	43	128	82	210	4.0	7.2				
f. Unspecified CNS	6	8	19	8	27	41	68	2.1	2.5	1.0	1.2	1	9	11	20	15	41	56	2.0	2.1				
IV NEUROBLASTOMA	60	105	18	9	6	192	198	11.2	8.9	1.1	1.1	53	105	20	3	3	181	184	11.2	8.8				
a. (Ganglio)neuroblastoma	60	104	18	8	4	190	194	11.1	8.7	1.1	1.1	52	103	20	3	1	178	179	11.0	8.6				
b. Peripheral nervous	0	1	0	1	2	2	4	0.1	0.1	0.7	0.8	1	2	0	0	2	3	5	0.2	0.2				
V RETINOBLASTOMA	32	35	6	0	1	73	74	4.3	3.4	1.1	1.2	29	29	4	2	0	64	64	4.0	3.1				
VI RENAL TUMOURS	28	76	27	4	5	135	140	7.8	6.2	1.0	1.0	15	78	31	8	8	132	140	7.8	6.3				
a. Nephroblastoma	28	74	25	2	3	129	132	7.5	5.9	1.0	1.0	15	77	29	5	0	126	126	7.5	5.8				
b. Renal carcinoma	0	2	2	2	2	6	8	0.3	0.3	1.2	0.7	0	1	1	3	7	5	12	0.2	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	1	2	0.1	0.1				
VII HEPATIC TUMOURS	13	17	4	4	4	38	42	2.2	1.8	1.3	1.2	10	13	4	2	7	29	36	1.8	1.6				
a. Hepatoblastoma	12	16	4	1	0	33	33	1.9	1.5	1.3	1.3	10	12	3	1	0	26	26	1.6	1.2				
b. Hepatic carcinoma	0	1	0	3	4	4	8	0.2	0.3	1.3	0.8	0	1	1	1	7	3	10	0.2	0.3				
c. Unspecified	1	0	0	0	0	1	1	0.1	0.0	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	3	7	37	88	164	135	299	6.0	9.7	0.9	1.3	2	9	31	101	93	143	236	6.5	8.1				
a. Osteosarcoma	1	1	17	39	75	58	133	2.5	4.3	0.8	1.2	0	1	14	58	41	73	114	3.2	3.8				
b. Chondrosarcoma	0	0	2	3	9	5	14	0.2	0.4	5.0	1.4	0	0	1	9	1	10	0.0	0.3					
c. Ewing & related	1	4	14	37	66	56	122	2.5	4.0	1.0	1.4	2	7	16	33	29	58	87	2.8	3.1				
d. Other specified	1	1	3	4	9	9	18	0.4	0.6	1.5	1.4	0	0	0	6	7	6	13	0.3	0.4				
e. Unspecified	0	1	1	5	5	7	12	0.3	0.4	1.4	1.0	0	1	1	3	7	5	12	0.2	0.4				
IX SOFT TISSUE SARCOMA	17	62	41	69	97	189	286	9.6	10.4	1.3	1.2	17	31	46	50	93	144	237	7.5	8.8				
a. Rhabdomyosarcoma	11	38	26	21	24	96	120	5.1	4.7	1.4	1.4	8	23	23	15	17	69	86	3.8	3.5				
b. Fibrosarcoma	4	5	1	3	14	13	27	0.7	1.0	0.5	0.7	6	4	9	7	13	26	39	1.4	1.5				
c. Kaposi sarcoma	0	0	0	1	2	1	3	0.0	0.1	0.5	1.0	0	0	2	0	1	2	3	0.1	0.1				
d. Other specified	2	13	9	33	44	57	101	2.7	3.4	1.7	1.2	2	2	8	21	48	33	81	1.5	2.7				
e. Unspecified	0	6	5	11	13	22	35	1.0	1.2	1.6	1.3	1	2	4	7	14	14	28	0.7	1.0				
X GERM CELL TUMOURS	26	33	6	28	196	93	289	5.0	9.9	0.8	1.4	21	25	20	55	84	121	205	6.3	7.6				
a. CNS germ cell ‡	1	1	4	13	3	19	22	0.8	0.7	1.6	1.5	3	0	4	5	3	12	15	0.6	0.6				
b. Other extragonadal	9	8	2	3	3	22	25	1.2	1.1	0.6	0.5	17	18	1	4	6	40	46	2.4	2.1				
c. Gonadal germ cell	16	24	0	12	184	52	236	2.9	7.9	0.9	2.1	1	7	13	38	53	59	112	2.8	3.9				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	4	15	4	19	0.2	0.6				
e. Unspecified gonadal	0	0	0	0	6	0	6	-	0.2	0.0	0.5	0	0	2	4	7	6	13	0.3	0.4				
XI CARCINOMA & MELANOMA	3	9	25	92	176	129	305	5.7	9.8	0.9	0.6	1	7	23	118	341	149	490	6.7	16.1				
a. Adrenocortical	1	2	1	1	0	5	5	0.3	0.2	1.3	1.0	1	2	1	0	1	4	5	0.2	0.2				
b. Thyroid	0	0	6	19	35	25	60	1.1	1.9	0.4	0.2	0	1	5	52	204	58	262	2.5	8.5				
c. Nasopharyngeal	1	0	2	34	38	37	75	1.5	2.4	3.1	2.1	0	0	0	12	23	12	35	0.5	1.1				
d. Melanoma	0	1	3	3	15	7	22	0.3	0.7	0.4	0.8	0	2	3	11	12	16	28	0.7	1.0				
e. Skin carcinoma	0	2	4	11	30	17	47	0.8	1.5	0.9	1.0	0	1	3	15	28	19	47	0.9	1.6				
f. Other & unspecified	1	4	9	24	58	38	96	1.7	3.1	0.9	0.8	0	1	11	28	73	40	113	1.8	3.7				
XII OTHER & UNSPECIFIED	3	12	4	9	23	28	51	1.5	1.8	1.5	1.1	2	3	3	11	27	19	46	0.9	1.6				
a. Other specified	0	1	0	1	1	2	3	0.1	0.1	1.0	0.5	0	1	0	1	4	2	6	0.1	0.2				
b. Other unspecified	3	11	4	8	22	26	48	1.4	1.7	1.5	1.2	2	2	3	10	23	17	40	0.8	1.4				
TOTAL	290	1193	897	928	1411	3308	4719	170.6	175.8	1.2	1.2	223	877	708	883	1253	2691	3944	143.2	151.2				

† includes 242 non-malignant in males and 329 non-malignant in females ‡ includes 3 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for the constituent registries

TURKEY, 8 registries (1992-2012)

	Age group	Males	Females
Person-years	0	1 258 091	1 195 120
	1-4	5 131 932	4 885 950
	5-9	6 705 833	6 396 410
	10-14	7 163 227	6 845 272
	15-19	7 278 272	7 013 130
Total	0-14	20 259 083	19 322 752
	0-19	27 537 355	26 335 882
Average annual population	0-14	964 718	920 131
	0-19	1 311 303	1 254 090

Please consult the quality indicators for the constituent registries

TURKEY, 8 registries (1992-2012)

Registry	Period	Cases	%	Person-years	%
Ankara	2008-2012	1362	15.7	7 125 468	13.2
Antalya	1998-2012	1293	14.9	8 199 211	15.2
Bursa	2004-2012	958	11.1	6 884 571	12.8
Edirne	2004-2012	133	1.5	870 329	1.6
Erzurum	2006-2012	370	4.3	2 192 103	4.1
Izmir	1992-2012	3534	40.8	22 044 321	40.9
Samsun	2003-2012	624	7.2	4 201 062	7.8
Trabzon	2003-2012	389	4.5	2 356 172	4.4
TURKEY	1992-2012	8663	100.0	53 873 237	100.0

Please consult the quality indicators for the constituent registries

International Incidence of Childhood Cancer Volume III <http://iicc.iarc.fr/results>