

## TURKEY, Bursa (2004-2012)

	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
<b>I LEUKAEMIA</b>	9	113	60	42	40	224	264	33.0	100.0	27.6	100.0	27.3	85.0	35.5	23.7	22.6	46.8	41.4	664	777	100.0	0.0
a. Lymphoid	3	92	45	22	27	162	189	23.9	72.3	19.7	71.6	9.1	69.2	26.6	12.4	15.3	34.4	30.1	482	558	100.0	0.0
b. Acute myeloid	3	16	10	15	7	44	51	6.5	19.6	5.3	19.3	9.1	12.0	5.9	8.5	4.0	8.8	7.7	129	149	100.0	0.0
c. CMD	0	0	0	2	3	2	5	0.3	0.9	0.5	1.9	-	-	-	1.1	1.7	0.3	0.6	6	14	100.0	0.0
d. MDS & other	0	1	0	1	1	2	3	0.3	0.9	0.3	1.1	-	0.8	-	0.6	0.6	0.4	0.4	6	9	100.0	0.0
e. Unspecified	3	4	5	2	2	14	16	2.1	6.3	1.7	6.1	9.1	3.0	3.0	1.1	1.1	2.9	2.5	42	47	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	1	19	38	44	59	102	161	15.0	100.0	16.8	100.0	3.0	14.3	22.5	24.9	33.4	19.1	22.3	297	464	98.8	0.0
a. Hodgkin	0	3	12	20	34	35	69	5.2	34.3	7.2	42.9	-	2.3	7.1	11.3	19.2	6.3	9.2	101	197	100.0	0.0
b. Non-Hodgkin except BL	0	6	11	16	22	33	55	4.9	32.4	5.7	34.2	-	4.5	6.5	9.0	12.5	6.1	7.5	96	158	100.0	0.0
c. Burkitt (BL)	1	2	12	5	0	20	20	2.9	19.6	2.1	12.4	3.0	1.5	7.1	2.8	-	3.8	3.0	59	59	100.0	0.0
d. Lymphoreticular	0	5	1	1	1	7	8	1.0	6.9	0.8	5.0	-	3.8	0.6	0.6	0.6	1.5	1.3	21	24	100.0	0.0
e. Unspecified	0	3	2	2	2	7	9	1.0	6.9	0.9	5.6	-	2.3	1.2	1.1	1.1	1.4	1.3	21	26	77.8	0.0
<b>III CNS NEOPLASMS †</b>	3	40	55	40	46	138	184	20.3	100.0	19.2	100.0	9.1	30.1	32.6	22.6	26.0	27.1	26.9	405	536	73.9	0.0
a. Ependymoma	1	6	4	2	3	13	16	1.9	9.4	1.7	8.7	3.0	4.5	2.4	1.1	1.7	2.7	2.5	39	47	100.0	0.0
b. Astrocytoma	0	12	13	7	9	32	41	4.7	23.2	4.3	22.3	-	9.0	7.7	4.0	5.1	6.4	6.1	94	120	97.6	0.0
c. CNS embryonal	1	13	16	8	2	38	40	5.6	27.5	4.2	21.7	3.0	9.8	9.5	4.5	1.1	7.6	6.2	112	118	100.0	0.0
d. Other gliomas	0	6	14	6	10	26	36	3.8	18.8	3.8	19.6	-	4.5	8.3	3.4	5.7	5.1	5.2	76	105	63.9	0.0
e. Other specified	1	1	6	9	15	17	32	2.5	12.3	3.3	17.4	3.0	0.8	3.6	5.1	8.5	3.1	4.3	49	92	53.1	0.0
f. Unspecified CNS	0	2	2	8	7	12	19	1.8	8.7	2.0	10.3	-	1.5	1.2	4.5	4.0	2.2	2.6	35	54	0.0	0.0
<b>IV NEUROBLASTOMA</b>	12	29	2	1	1	44	45	6.5	100.0	4.7	100.0	36.3	21.8	1.2	0.6	0.6	10.1	8.0	132	135	100.0	0.0
a. (Ganglio)neuroblastoma	12	28	2	0	0	42	42	6.2	95.5	4.4	93.3	36.3	21.1	1.2	-	-	9.7	7.5	126	126	100.0	0.0
b. Peripheral nervous	0	1	0	1	1	2	3	0.3	4.5	0.3	6.7	-	0.8	-	0.6	0.6	0.4	0.4	6	9	100.0	0.0
<b>V RETINOBLASTOMA</b>	7	3	2	0	0	12	12	1.8	100.0	1.3	100.0	21.2	2.3	1.2	-	-	2.7	2.1	36	36	100.0	0.0
<b>VI RENAL TUMOURS</b>	9	16	8	0	1	33	34	4.9	100.0	3.5	100.0	27.3	12.0	4.7	-	0.6	7.4	5.8	99	102	97.1	0.0
a. Nephroblastoma	9	16	6	0	0	31	31	4.6	93.9	3.2	91.2	27.3	12.0	3.6	-	-	7.0	5.4	93	93	100.0	0.0
b. Renal carcinoma	0	0	1	0	1	1	2	0.1	3.0	0.2	5.9	-	-	0.6	-	0.6	0.2	0.3	3	6	100.0	0.0
c. Unspecified	0	0	1	0	0	1	1	0.1	3.0	0.1	2.9	-	-	0.6	-	-	0.2	0.1	3	3	0.0	0.0
<b>VII HEPATIC TUMOURS</b>	2	1	1	0	0	4	4	0.6	100.0	0.4	100.0	6.1	0.8	0.6	-	-	0.9	0.7	12	12	100.0	0.0
a. Hepatoblastoma	2	1	1	0	0	4	4	0.6	100.0	0.4	100.0	6.1	0.8	0.6	-	-	0.9	0.7	12	12	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	2	7	21	18	30	48	4.4	100.0	5.0	100.0	-	1.5	4.1	11.9	10.2	5.2	6.4	86	137	97.9	0.0
a. Osteosarcoma	0	0	4	14	8	18	26	2.7	60.0	2.7	54.2	-	-	2.4	7.9	4.5	3.1	3.4	51	74	100.0	0.0
b. Chondrosarcoma	0	0	1	0	1	1	2	0.1	3.3	0.2	4.2	-	-	0.6	-	0.6	0.2	0.3	3	6	100.0	0.0
c. Ewing & related	0	2	2	4	9	8	17	1.2	26.7	1.8	35.4	-	1.5	1.2	2.3	5.1	1.5	2.3	23	49	100.0	0.0
d. Other specified	0	0	0	2	0	2	2	0.3	6.7	0.2	4.2	-	-	-	1.1	-	0.3	0.3	6	6	100.0	0.0
e. Unspecified	0	0	0	1	0	1	1	0.1	3.3	0.1	2.1	-	-	-	0.6	-	0.2	0.1	3	3	0.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	4	14	14	13	23	45	68	6.6	100.0	7.1	100.0	12.1	10.5	8.3	7.3	13.0	9.0	9.9	132	198	100.0	0.0
a. Rhabdomyosarcoma	1	8	8	3	5	20	25	2.9	44.4	2.6	36.8	3.0	6.0	4.7	1.7	2.8	4.1	3.8	59	73	100.0	0.0
b. Fibrosarcoma	2	2	2	1	4	7	11	1.0	15.6	1.1	16.2	6.1	1.5	1.2	0.6	2.3	1.5	1.7	21	32	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	4	3	8	11	16	27	2.4	35.6	2.8	39.7	3.0	3.0	1.8	4.5	6.2	3.1	3.8	47	78	100.0	0.0
e. Unspecified	0	0	1	1	3	2	5	0.3	4.4	0.5	7.4	-	-	0.6	0.6	1.7	0.4	0.7	6	14	100.0	0.0
<b>X GERM CELL TUMOURS</b>	7	8	2	5	34	22	56	3.2	100.0	5.8	100.0	21.2	6.0	1.2	2.8	19.2	4.7	8.0	65	161	89.3	0.0
a. CNS germ cell ‡	1	0	0	1	0	2	2	0.3	9.1	0.2	3.6	3.0	-	-	0.6	-	0.4	0.3	6	6	100.0	0.0
b. Other extragonadal	4	5	1	0	2	10	12	1.5	45.5	1.3	21.4	12.1	3.8	0.6	-	1.1	2.3	2.0	30	36	100.0	0.0
c. Gonadal germ cell	2	3	0	2	26	7	33	1.0	31.8	3.4	58.9	6.1	2.3	-	1.1	14.7	1.5	4.5	21	94	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.1	4.5	0.2	3.6	-	-	-	0.6	0.6	0.2	0.3	3	6	100.0	0.0
e. Unspecified gonadal	0	0	1	1	5	2	7	0.3	9.1	0.7	12.5	-	-	0.6	0.6	2.8	0.4	0.9	6	20	14.3	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	3	3	14	51	20	71	2.9	100.0	7.4	100.0	-	2.3	1.8	7.9	28.9	3.6	9.3	57	202	100.0	0.0
a. Adrenocortical	0	3	0	0	0	3	3	0.4	15.0	0.3	4.2	-	2.3	-	-	-	0.7	0.5	9	9	100.0	0.0
b. Thyroid	0	0	1	8	19	9	28	1.3	45.0	2.9	39.4	-	-	0.6	4.5	10.8	1.5	3.6	26	79	100.0	0.0
c. Nasopharyngeal	0	0	0	2	8	2	10	0.3	10.0	1.0	14.1	-	-	-	1.1	4.5	0.3	1.3	6	28	100.0	0.0
d. Melanoma	0	0	1	0	4	1	5	0.1	5.0	0.5	7.0	-	-	0.6	-	2.3	0.2	0.7	3	14	100.0	0.0
e. Skin carcinoma	0	0	0	0	4	0	4	-	-	0.4	5.6	-	-	-	-	2.3	-	0.5	-	11	100.0	0.0
f. Other & unspecified	0	0	1	4	16	5	21	0.7	25.0	2.2	29.6	-	-	0.6	2.3	9.1	0.8	2.7	14	60	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	1	3	6	5	11	0.7	100.0	1.1	100.0	-	0.8	0.6	1.7	3.4	0.9	1.5	14	31	18.2	0.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	1	1	3	6	5	11	0.7	100.0	1.1	100.0	-	0.8	0.6	1.7	3.4	0.9	1.5	14	31	18.2	0.0
<b>TOTAL</b>	54	249	193	183	279	679	958	100.0	100.0	100.0	100.0	163.6	187.3	114.3	103.4	157.9	137.6	142.1	2001	2791	93.0	0.0

† includes 69 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

## TURKEY, Bursa (2004-2012)

	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		
<b>I LEUKAEMIA</b>	4	63	40	23	25	130	155	52.7	47.1	1.4	1.4	5	50	20	19	15	94	109	40.6	35.4		
a. Lymphoid	2	50	29	14	17	95	112	38.9	34.4	1.4	1.5	1	42	16	8	10	67	77	29.6	25.5		
b. Acute myeloid	1	10	7	8	4	26	30	10.2	8.9	1.4	1.4	2	6	3	7	3	18	21	7.4	6.5		
c. CMD	0	0	0	0	2	0	2	-	0.5	0.0	0.7	0	0	0	2	1	2	3	0.7	0.8		
d. MDS & other	0	1	0	0	1	1	2	0.5	0.6	1.0	2.0	0	0	0	1	0	1	1	0.3	0.3		
e. Unspecified	1	2	4	1	1	8	9	3.2	2.7	1.3	1.3	2	2	1	1	1	6	7	2.6	2.3		
<b>II LYMPHOMA &amp; RELATED</b>	0	16	31	31	31	78	109	28.7	30.0	3.3	2.1	1	3	7	13	28	24	52	9.0	14.3		
a. Hodgkin	0	3	9	14	17	26	43	9.2	11.4	2.9	1.7	0	0	3	6	17	9	26	3.2	6.9		
b. Non-Hodgkin except BL	0	4	10	11	13	25	38	9.1	10.3	3.1	2.2	0	2	1	5	9	8	17	3.0	4.7		
c. Burkitt (BL)	0	1	10	4	0	15	15	5.4	4.2	3.0	3.0	1	1	2	1	0	5	5	2.1	1.6		
d. Lymphoreticular	0	5	0	1	0	6	6	2.6	2.0	6.0	3.0	0	0	1	0	1	1	2	0.4	0.6		
e. Unspecified	0	3	2	1	1	6	7	2.4	2.1	6.0	3.5	0	0	0	1	1	1	2	0.3	0.5		
<b>III CNS NEOPLASMS †</b>	2	21	27	17	25	67	92	25.9	26.3	0.9	1.0	1	19	28	23	21	71	92	28.3	27.4		
a. Ependymoma	0	2	4	1	2	7	9	2.7	2.6	1.2	1.3	1	4	0	1	1	6	7	2.7	2.4		
b. Astrocytoma	0	7	5	2	7	14	21	5.7	6.1	0.8	1.1	0	5	8	5	2	18	20	7.2	6.1		
c. CNS embryonal	1	9	9	6	1	25	26	9.8	7.9	1.9	1.9	0	4	7	2	1	13	14	5.3	4.4		
d. Other gliomas	0	3	8	1	8	12	20	4.7	5.6	0.9	1.3	0	3	6	5	2	14	16	5.5	4.8		
e. Other specified	1	0	1	4	2	6	8	2.1	2.1	0.5	0.3	0	1	5	5	13	11	24	4.1	6.6		
f. Unspecified CNS	0	0	0	3	5	3	8	1.0	2.0	0.3	0.7	0	2	2	5	2	9	11	3.4	3.2		
<b>IV NEUROBLASTOMA</b>	6	13	2	1	0	22	22	9.7	7.5	1.0	1.0	6	16	0	0	1	22	23	10.5	8.4		
a. (Ganglio)neuroblastoma	6	12	2	0	0	20	20	8.9	6.9	0.9	0.9	6	16	0	0	0	22	22	10.5	8.2		
b. Peripheral nervous	0	1	0	1	0	2	2	0.8	0.6	-	2.0	0	0	0	0	1	0	1	-	0.3		
<b>V RETINOBLASTOMA</b>	4	0	1	0	0	5	5	2.2	1.7	0.7	0.7	3	3	1	0	0	7	7	3.3	2.5		
<b>VI RENAL TUMOURS</b>	6	11	3	0	1	20	21	8.8	7.1	1.5	1.6	3	5	5	0	0	13	13	5.8	4.5		
a. Nephroblastoma	6	11	3	0	0	20	20	8.8	6.9	1.8	1.8	3	5	3	0	0	11	11	5.0	3.9		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	1.0	0	0	1	0	0	1	1	0.4	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.4	0.3		
<b>VII HEPATIC TUMOURS</b>	2	1	0	0	0	3	3	1.4	1.1	3.0	3.0	0	0	1	0	0	1	1	0.4	0.3		
a. Hepatoblastoma	2	1	0	0	0	3	3	1.4	1.1	3.0	3.0	0	0	1	0	0	1	1	0.4	0.3		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	2	2	12	11	16	27	5.5	7.0	1.1	1.3	0	0	5	9	7	14	21	5.0	5.7		
a. Osteosarcoma	0	0	1	8	4	9	13	2.9	3.3	1.0	1.0	0	0	3	6	4	9	13	3.2	3.5		
b. Chondrosarcoma	0	0	1	0	0	1	1	0.4	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
c. Ewing & related	0	2	0	4	7	6	13	2.2	3.4	3.0	3.3	0	0	2	0	2	2	4	0.8	1.1		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.7	0.5		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.3	0.3		
<b>IX SOFT TISSUE SARCOMA</b>	1	10	8	6	13	25	38	9.9	10.9	1.3	1.3	3	4	6	7	10	20	30	8.1	8.9		
a. Rhabdomyosarcoma	0	5	4	1	4	10	14	4.1	4.2	1.0	1.3	1	3	4	2	1	10	11	4.2	3.5		
b. Fibrosarcoma	0	1	0	0	2	1	3	0.5	0.9	0.2	0.4	2	1	2	1	2	6	8	2.6	2.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	4	3	4	7	12	19	4.7	5.4	3.0	2.4	0	0	0	4	4	4	8	1.3	2.1		
e. Unspecified	0	0	1	1	0	2	2	0.7	0.5	-	0.7	0	0	0	0	3	0	3	-	0.8		
<b>X GERM CELL TUMOURS</b>	3	4	1	2	24	10	34	4.2	9.2	0.8	1.5	4	4	1	3	10	12	22	5.2	6.7		
a. CNS germ cell ‡	0	0	0	1	0	1	1	0.3	0.2	1.0	1.0	1	0	0	0	0	1	1	0.5	0.4		
b. Other extragonadal	1	2	1	0	0	4	4	1.7	1.3	0.7	0.5	3	3	0	0	2	6	8	2.9	2.7		
c. Gonadal germ cell	2	2	0	1	21	5	26	2.1	6.9	2.5	3.7	0	1	0	1	5	2	7	0.8	1.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.3	0.5		
e. Unspecified gonadal	0	0	0	0	3	0	3	-	0.7	0.0	0.8	0	0	1	1	2	2	4	0.7	1.1		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	2	2	6	17	10	27	3.6	7.0	1.0	0.6	0	1	1	8	34	10	44	3.6	11.6		
a. Adrenocortical	0	2	0	0	0	2	2	0.9	0.7	2.0	2.0	0	1	0	0	0	1	1	0.5	0.4		
b. Thyroid	0	0	1	1	6	2	8	0.7	2.0	0.3	0.4	0	0	0	7	13	7	20	2.4	5.2		
c. Nasopharyngeal	0	0	0	2	6	2	8	0.6	2.0	-	4.0	0	0	0	0	2	0	2	-	0.5		
d. Melanoma	0	0	0	0	1	0	1	-	0.2	0.0	0.3	0	0	1	0	3	1	4	0.4	1.1		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.2	-	0.3	0	0	0	0	3	0	3	-	0.8		
f. Other & unspecified	0	0	1	3	3	4	7	1.3	1.8	4.0	0.5	0	0	0	1	13	1	14	0.3	3.6		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	1	2	2	4	0.8	1.1	0.7	0.6	0	0	1	2	4	3	7	1.1	1.9		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	1	0	1	2	2	4	0.8	1.1	0.7	0.6	0	0	1	2	4	3	7	1.1	1.9		
<b>TOTAL</b>	28	144	117	99	149	388	537	153.4	156.0	1.3	1.3	26	105	76	84	130	291	421	120.9	127.5		

† includes 27 non-malignant in males and 42 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

## TURKEY, Bursa (2004-2012)

	Age group	Males	Females
Person-years	0	169 256	160 910
	1-4	681 377	648 007
	5-9	868 896	820 080
	10-14	907 456	861 823
	15-19	902 380	864 386
Total	0-14	2 626 985	2 490 820
	0-19	3 529 365	3 355 206
Average annual population	0-14	291 887	276 758
	0-19	392 152	372 801

Please consult the quality indicators for this registry