

TUNISIA, Central (1993-2007)

	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	1	32	22	16	13	71	84	29.7	100.0	24.0	100.0	7.6	54.4	30.5	21.1	16.7	33.7	29.9	487	571	100.0	0.0	
a. Lymphoid	1	28	21	11	5	61	66	25.5	85.9	18.9	78.6	7.6	47.6	29.1	14.5	6.4	29.2	24.1	419	452	100.0	0.0	
b. Acute myeloid	0	4	1	4	8	9	17	3.8	12.7	4.9	20.2	-	6.8	1.4	5.3	10.3	4.1	5.5	61	113	100.0	0.0	
c. CMD	0	0	0	1	0	1	1	0.4	1.4	0.3	1.2	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
II LYMPHOMA & RELATED	0	7	13	21	27	41	68	17.2	100.0	19.4	100.0	-	11.9	18.0	27.7	34.8	17.6	21.5	277	451	100.0	0.0	
a. Hodgkin	0	1	9	12	14	22	36	9.2	53.7	10.3	52.9	-	1.7	12.5	15.8	18.0	9.2	11.2	148	239	100.0	0.0	
b. Non-Hodgkin except BL	0	3	3	6	12	12	24	5.0	29.3	6.9	35.3	-	5.1	4.2	7.9	15.5	5.3	7.5	81	158	100.0	0.0	
c. Burkitt (BL)	0	3	1	1	1	5	6	2.1	12.2	1.7	8.8	-	5.1	1.4	1.3	1.3	2.4	2.2	34	41	100.0	0.0	
d. Lymphoreticular	0	0	0	1	0	1	1	0.4	2.4	0.3	1.5	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0	
e. Unspecified	0	0	0	1	0	1	1	0.4	2.4	0.3	1.5	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0	
III CNS NEOPLASMS †	0	3	8	10	9	21	30	8.8	100.0	8.6	100.0	-	5.1	11.1	13.2	11.6	9.0	9.6	142	200	90.0	0.0	
a. Ependymoma	0	2	1	0	0	3	3	1.3	14.3	0.9	10.0	-	3.4	1.4	-	-	1.5	1.2	21	21	100.0	0.0	
b. Astrocytoma	0	0	3	4	4	7	11	2.9	33.3	3.1	36.7	-	-	4.2	5.3	5.2	2.9	3.4	47	73	100.0	0.0	
c. CNS embryonal	0	1	2	2	3	5	8	2.1	23.8	2.3	26.7	-	1.7	2.8	2.6	3.9	2.2	2.6	34	53	100.0	0.0	
d. Other gliomas	0	0	1	1	0	2	2	0.8	9.5	0.6	6.7	-	-	1.4	1.3	-	0.8	0.6	14	14	100.0	0.0	
e. Other specified	0	0	0	2	1	2	3	0.8	9.5	0.9	10.0	-	-	-	2.6	1.3	0.8	0.9	13	20	100.0	0.0	
f. Unspecified CNS	0	0	1	1	1	2	3	0.8	9.5	0.9	10.0	-	-	1.4	1.3	1.3	0.8	0.9	14	20	0.0	0.0	
IV NEUROBLASTOMA	8	12	5	0	2	25	27	10.5	100.0	7.7	100.0	60.7	20.4	6.9	-	2.6	13.0	10.6	173	186	92.6	0.0	
a. (Ganglio)neuroblastoma	8	12	5	0	1	25	26	10.5	100.0	7.4	96.3	60.7	20.4	6.9	-	1.3	13.0	10.4	173	180	92.3	0.0	
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.3	3.7	-	-	-	-	1.3	-	0.3	-	6	6	100.0	0.0
V RETINOBLASTOMA	2	6	0	0	0	8	8	3.3	100.0	2.3	100.0	15.2	10.2	-	-	-	4.3	3.3	56	56	100.0	0.0	
VI RENAL TUMOURS	1	17	0	1	1	19	20	7.9	100.0	5.7	100.0	7.6	28.9	-	1.3	1.3	10.1	8.1	131	138	85.0	0.0	
a. Nephroblastoma	1	17	0	1	1	19	20	7.9	100.0	5.7	100.0	7.6	28.9	-	1.3	1.3	10.1	8.1	131	138	85.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	0	3	1	3	0	7	7	2.9	100.0	2.0	100.0	-	5.1	1.4	4.0	-	3.2	2.5	48	48	85.7	0.0	
a. Hepatoblastoma	0	3	0	0	0	3	3	1.3	42.9	0.9	42.9	-	5.1	-	-	-	1.6	1.2	21	21	100.0	0.0	
b. Hepatic carcinoma	0	0	0	3	0	3	3	1.3	42.9	0.9	42.9	-	-	-	4.0	-	1.1	0.9	20	20	100.0	0.0	
c. Unspecified	0	0	1	0	0	1	1	0.4	14.3	0.3	14.3	-	-	1.4	-	-	0.4	0.3	7	7	0.0	0.0	
VIII BONE TUMOURS	0	0	3	9	4	12	16	5.0	100.0	4.6	100.0	-	-	4.2	11.9	5.2	4.8	4.9	80	106	100.0	0.0	
a. Osteosarcoma	0	0	2	8	0	10	10	4.2	83.3	2.9	62.5	-	-	2.8	10.5	-	4.0	3.1	67	67	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	0	1	1	4	2	6	0.8	16.7	1.7	37.5	-	-	1.4	1.3	5.2	0.8	1.8	14	39	100.0	0.0	
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	1	5	5	5	12	16	28	6.7	100.0	8.0	100.0	7.6	8.5	6.9	6.6	15.5	7.4	9.2	109	187	100.0	0.0	
a. Rhabdomyosarcoma	1	4	3	1	2	9	11	3.8	56.3	3.1	39.3	7.6	6.8	4.2	1.3	2.6	4.4	4.0	62	75	100.0	0.0	
b. Fibrosarcoma	0	0	0	0	1	0	1	-	-	0.3	3.6	-	-	-	-	1.3	-	0.3	-	6	6	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.3	3.6	-	-	-	-	1.3	-	0.3	-	6	6	100.0	0.0
d. Other specified	0	1	2	2	8	5	13	2.1	31.3	3.7	46.4	-	1.7	2.8	2.6	10.3	2.2	4.0	34	86	100.0	0.0	
e. Unspecified	0	0	0	2	0	2	2	0.8	12.5	0.6	7.1	-	-	-	2.6	-	0.8	0.6	13	13	100.0	0.0	
X GERM CELL TUMOURS	1	2	0	1	7	4	11	1.7	100.0	3.1	100.0	7.6	3.4	-	1.3	9.0	2.0	3.6	27	72	100.0	0.0	
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other extragonadal	1	1	0	0	2	2	4	0.8	50.0	1.1	36.4	7.6	1.7	-	-	2.6	1.1	1.4	14	27	100.0	0.0	
c. Gonadal germ cell	0	1	0	0	4	1	5	0.4	25.0	1.4	45.5	-	1.7	-	-	5.2	0.5	1.6	7	33	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	0	0	0	1	1	1	2	0.4	25.0	0.6	18.2	-	-	-	1.3	1.3	0.4	0.6	7	13	100.0	0.0	
XI CARCINOMA & MELANOMA	0	0	2	12	35	14	49	5.9	100.0	14.0	100.0	-	-	2.8	15.8	45.1	5.5	14.4	93	318	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	1	4	1	5	0.4	7.1	1.4	10.2	-	-	-	1.3	5.2	0.4	1.5	7	32	100.0	0.0	
c. Nasopharyngeal	0	0	0	4	14	4	18	1.7	28.6	5.1	36.7	-	-	-	5.3	18.0	1.5	5.2	26	117	100.0	0.0	
d. Melanoma	0	0	0	1	1	1	2	0.4	7.1	0.6	4.1	-	-	-	1.3	1.3	0.4	0.6	7	13	100.0	0.0	
e. Skin carcinoma	0	0	1	4	8	5	13	2.1	35.7	3.7	26.5	-	-	1.4	5.3	10.3	2.0	3.9	33	85	100.0	0.0	
f. Other & unspecified	0	0	1	2	8	3	11	1.3	21.4	3.1	22.4	-	-	1.4	2.6	10.3	1.2	3.3	20	72	100.0	0.0	
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.4	100.0	0.6	100.0	-	1.7	-	-	1.3	0.5	0.7	7	13	50.0	0.0	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	1	0	0	1	1	2	0.4	100.0	0.6	100.0	-	1.7	-	-	1.3	0.5	0.7	7	13	50.0	0.0	
TOTAL	14	88	59	78	111	239	350	100.0	100.0	100.0	100.0	106.2	149.5	81.9	102.9	143.0	111.1	118.2	1631	2346	97.1	0.0	

† includes 3 non-malignant

Please consult the quality indicators for this registry

TUNISIA, Central (1993-2007)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	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	0	15	14	9	5	38	43	34.7	29.7	1.2	1.0	1	17	8	7	8	33	41	32.7	30.2		
a. Lymphoid	0	13	14	6	2	33	35	30.3	24.6	1.2	1.1	1	15	7	5	3	28	31	28.0	23.5		
b. Acute myeloid	0	2	0	2	3	4	7	3.6	4.5	0.8	0.7	0	2	1	2	5	5	10	4.7	6.6		
c. CMD	0	0	0	1	0	1	1	0.7	0.6	-	-	0	0	0	0	0	0	0	-	-		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	0	3	8	12	16	23	39	19.1	23.8	1.3	1.3	0	4	5	9	11	18	29	16.1	19.0		
a. Hodgkin	0	0	4	8	5	12	17	9.5	10.2	1.2	0.9	0	1	5	4	9	10	19	8.8	12.2		
b. Non-Hodgkin except BL	0	2	3	3	10	8	18	7.0	11.0	2.0	3.0	0	1	0	3	2	4	6	3.5	3.9		
c. Burkitt (BL)	0	1	1	1	1	3	4	2.7	2.6	1.5	2.0	0	2	0	0	0	2	2	2.2	1.7		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.8	0.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.8	0.6		
III CNS NEOPLASMS †	0	2	3	8	5	13	18	10.7	11.1	1.6	1.5	0	1	5	2	4	8	12	7.2	8.0		
a. Ependymoma	0	2	0	0	0	2	2	2.1	1.6	2.0	2.0	0	0	1	0	0	1	1	0.9	0.7		
b. Astrocytoma	0	0	2	3	2	5	7	4.0	4.2	2.5	1.8	0	0	1	1	2	2	4	1.7	2.5		
c. CNS embryonal	0	0	0	2	2	2	4	1.5	2.3	0.7	1.0	0	1	2	0	1	3	4	2.9	2.9		
d. Other gliomas	0	0	1	1	0	2	2	1.6	1.3	-	-	0	0	0	0	0	0	0	-	-		
e. Other specified	0	0	0	1	0	1	1	0.7	0.6	1.0	0.5	0	0	0	1	1	1	2	0.8	1.2		
f. Unspecified CNS	0	0	0	1	1	1	2	0.7	1.1	1.0	2.0	0	0	1	0	0	1	1	0.9	0.7		
IV NEUROBLASTOMA	4	10	2	0	0	16	16	16.4	12.7	1.8	1.5	4	2	3	0	2	9	11	9.4	8.5		
a. (Ganglio)neuroblastoma	4	10	2	0	0	16	16	16.4	12.7	1.8	1.6	4	2	3	0	1	9	10	9.4	7.9		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
V RETINOBLASTOMA	1	3	0	0	0	4	4	4.2	3.2	1.0	1.0	1	3	0	0	0	4	4	4.4	3.4		
VI RENAL TUMOURS	0	7	0	0	0	7	7	7.3	5.7	0.6	0.5	1	10	0	1	1	12	13	13.0	10.6		
a. Nephroblastoma	0	7	0	0	0	7	7	7.3	5.7	0.6	0.5	1	10	0	1	1	12	13	13.0	10.6		
b. Renal 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	-	-		
VII HEPATIC TUMOURS	0	2	1	3	0	6	6	5.2	4.0	6.0	6.0	0	1	0	0	0	1	1	1.1	0.9		
a. Hepatoblastoma	0	2	0	0	0	2	2	2.1	1.6	2.0	2.0	0	1	0	0	0	1	1	1.1	0.9		
b. Hepatic carcinoma	0	0	0	3	0	3	3	2.2	1.7	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	1	0	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	3	3	2	6	8	4.9	4.9	1.0	1.0	0	0	0	6	2	6	8	4.7	4.9		
a. Osteosarcoma	0	0	2	2	0	4	4	3.2	2.5	0.7	0.7	0	0	0	6	0	6	6	4.7	3.7		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	1	2	2	4	1.6	2.4	-	2.0	0	0	0	0	2	0	2	-	1.2		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	4	3	3	8	11	19	10.1	12.3	2.2	2.1	0	1	2	2	4	5	9	4.5	5.9		
a. Rhabdomyosarcoma	1	3	3	1	1	8	9	7.6	6.4	8.0	4.5	0	1	0	0	1	1	2	1.1	1.5		
b. Fibrosarcoma	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
d. Other specified	0	1	0	0	6	1	7	1.0	4.2	0.3	1.2	0	0	2	2	2	4	6	3.4	3.8		
e. Unspecified	0	0	2	0	2	2	2	1.5	1.2	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	0	2	0	0	3	2	5	2.1	3.3	1.0	0.8	1	0	0	1	4	2	6	1.9	3.9		
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	1	0	0	1	1	2	1.0	1.4	1.0	1.0	1	0	0	0	1	1	2	1.1	1.5		
c. Gonadal germ cell	0	1	0	0	2	1	3	1.0	1.9	-	1.5	0	0	0	0	2	0	2	-	1.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.8	1.2		
XI CARCINOMA & MELANOMA	0	0	2	9	17	11	28	8.5	16.1	3.7	1.3	0	0	0	3	18	3	21	2.4	12.6		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	1	2	1	3	0.7	1.7	-	1.5	0	0	0	0	2	0	2	-	1.2		
c. Nasopharyngeal	0	0	0	3	9	3	12	2.2	6.8	3.0	2.0	0	0	0	1	5	1	6	0.8	3.6		
d. Melanoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.8	1.2		
e. Skin carcinoma	0	0	1	3	3	4	7	3.1	4.1	4.0	1.2	0	0	0	1	5	1	6	0.8	3.6		
f. Other & unspecified	0	0	1	2	3	3	6	2.4	3.5	-	1.2	0	0	0	0	5	0	5	-	3.0		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.6	0.0	1.0	0	1	0	0	0	1	1	1.1	0.9		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	1	0	1	-	0.6	0.0	1.0	0	1	0	0	0	1	1	1.1	0.9		
TOTAL	6	48	36	47	57	137	194	123.0	127.4	1.3	1.2	8	40	23	31	54	102	156	98.5	108.6		

† includes 3 non-malignant in males

Please consult the quality indicators for this registry

TUNISIA, Central (1993-2007)

	Age group	Males	Females
Person-years	0	68 129	63 733
	1-4	302 969	285 768
	5-9	367 104	353 705
	10-14	389 399	368 905
	15-19	399 501	376 899
Total	0-14	1 127 601	1 072 111
	0-19	1 527 102	1 449 010
Average annual population	0-14	75 173	71 474
	0-19	101 807	96 601

Please consult the quality indicators for this registry