

## ISRAEL (1990-2012)

	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	0-19
<b>I LEUKAEMIA</b>	100	649	456	347	336	1552	1888	24.9	100.0	20.9	100.0	32.8	55.3	33.1	26.9	27.5	38.1	35.7	553	691	97.8	0.6	
a. Lymphoid	42	482	341	199	166	1064	1230	17.1	68.6	13.6	65.1	13.8	41.1	24.7	15.5	13.6	26.2	23.4	378	446	99.4	0.2	
b. Acute myeloid	28	90	67	90	96	275	371	4.4	17.7	4.1	19.7	9.2	7.7	4.9	7.0	7.9	6.7	7.0	99	138	97.8	1.3	
c. CMD	12	15	12	15	44	54	98	0.9	3.5	1.1	5.2	3.9	1.3	0.9	1.2	3.6	1.3	1.8	19	37	96.9	0.0	
d. MDS & other	10	12	4	10	4	36	40	0.6	2.3	0.4	2.1	3.3	1.0	0.3	0.8	0.3	0.9	0.8	13	14	97.5	0.0	
e. Unspecified	8	50	32	33	26	123	149	2.0	7.9	1.7	7.9	2.6	4.3	2.3	2.6	2.1	3.0	2.8	44	55	84.6	2.0	
<b>II LYMPHOMA &amp; RELATED</b>	25	253	391	429	858	1098	1956	17.6	100.0	21.7	100.0	8.2	21.6	28.4	33.3	70.2	26.1	36.0	402	754	96.6	0.1	
a. Hodgkin	0	36	128	220	577	384	961	6.2	35.0	10.7	49.1	-	3.1	9.3	17.1	47.2	8.9	17.5	144	380	99.3	0.0	
b. Non-Hodgkin except BL	5	78	133	120	219	336	555	5.4	30.6	6.2	28.4	1.6	6.7	9.6	9.3	17.9	8.0	10.2	123	213	99.3	0.0	
c. Burkitt (BL)	2	82	94	52	34	230	264	3.7	20.9	2.9	13.5	0.7	7.0	6.8	4.0	2.8	5.6	4.9	83	97	97.3	0.4	
d. Lymphoreticular	16	31	18	13	4	78	82	1.3	7.1	0.9	4.2	5.2	2.6	1.3	1.0	0.3	1.9	1.6	27	29	79.3	0.0	
e. Unspecified	2	26	18	24	24	70	94	1.1	6.4	1.0	4.8	0.7	2.2	1.3	1.9	2.0	1.7	1.8	25	35	67.0	1.1	
<b>III CNS NEOPLASMS †</b>	83	406	431	361	312	1281	1593	20.6	100.0	17.7	100.0	27.2	34.6	31.3	28.0	25.5	31.0	29.8	462	590	84.1	1.5	
a. Ependymoma	13	71	29	29	23	142	165	2.3	11.1	1.8	10.4	4.3	6.1	2.1	2.3	1.9	3.5	3.2	50	60	94.5	0.0	
b. Astrocytoma	34	114	155	176	123	479	602	7.7	37.4	6.7	37.8	11.1	9.7	11.2	13.7	10.1	11.5	11.2	175	225	94.9	0.0	
c. CNS embryonal	11	98	110	49	30	268	298	4.3	20.9	3.3	18.7	3.6	8.4	8.0	3.8	2.5	6.5	5.6	96	108	95.3	0.0	
d. Other gliomas	7	53	75	42	34	177	211	2.8	13.8	2.3	13.2	2.3	4.5	5.4	3.3	2.8	4.3	3.9	64	78	75.4	2.4	
e. Other specified	8	25	27	31	57	91	148	1.5	7.1	1.6	9.3	2.6	2.1	2.0	2.4	4.7	2.2	2.8	33	56	88.5	0.7	
f. Unspecified CNS	10	45	35	34	45	124	169	2.0	9.7	1.9	10.6	3.3	3.8	2.5	2.6	3.7	3.0	3.2	44	63	23.1	10.7	
<b>IV NEUROBLASTOMA</b>	220	270	71	12	18	573	591	9.2	100.0	6.6	100.0	72.1	23.0	5.1	0.9	1.5	14.8	11.8	196	204	92.6	0.0	
a. (Ganglio)neuroblastoma	219	269	69	11	11	568	579	9.1	99.1	6.4	98.0	71.8	22.9	5.0	0.9	0.9	14.6	11.6	194	199	92.6	0.0	
b. Peripheral nervous	1	1	2	1	7	5	12	0.1	0.9	0.1	2.0	0.3	0.1	0.1	0.1	0.6	0.1	0.2	2	5	91.7	0.0	
<b>V RETINOBLASTOMA</b>	70	71	9	1	0	151	151	2.4	100.0	1.7	100.0	22.9	6.1	0.7	0.1	-	3.9	3.0	51	51	78.1	0.0	
<b>VI RENAL TUMOURS</b>	50	169	56	9	16	284	300	4.6	100.0	3.3	100.0	16.4	14.4	4.1	0.7	1.3	7.2	5.9	98	104	91.0	0.7	
a. Nephroblastoma	48	167	51	4	5	270	275	4.3	95.1	3.0	91.7	15.7	14.2	3.7	0.3	0.4	6.9	5.5	93	95	93.5	0.4	
b. Renal carcinoma	0	1	2	4	9	7	16	0.1	2.5	0.2	5.3	-	0.1	0.1	0.3	0.7	0.2	0.3	3	6	93.8	0.0	
c. Unspecified	2	1	3	1	2	7	9	0.1	2.5	0.1	3.0	0.7	0.1	0.2	0.1	0.2	0.2	0.2	2	3	11.1	11.1	
<b>VII HEPATIC TUMOURS</b>	26	27	9	11	12	73	85	1.2	100.0	0.9	100.0	8.5	2.3	0.7	0.9	1.0	1.8	1.7	25	30	88.2	1.2	
a. Hepatoblastoma	22	24	3	1	2	50	52	0.8	68.5	0.6	61.2	7.2	2.0	0.2	0.1	0.2	1.3	1.0	17	18	96.2	0.0	
b. Hepatic carcinoma	0	1	6	10	10	17	27	0.3	23.3	0.3	31.8	-	0.1	0.4	0.8	0.8	0.4	0.5	6	10	92.6	0.0	
c. Unspecified	4	2	0	0	0	6	6	0.1	8.2	0.1	7.1	1.3	0.2	-	-	-	0.2	0.1	2	2	0.0	16.7	
<b>VIII BONE TUMOURS</b>	3	24	91	185	228	303	531	4.9	100.0	5.9	100.0	1.0	2.0	6.6	14.4	18.7	7.0	9.6	114	207	93.8	0.0	
a. Osteosarcoma	0	3	32	73	107	108	215	1.7	35.6	2.4	40.5	-	0.3	2.3	5.7	8.8	2.5	3.9	41	85	97.2	0.0	
b. Chondrosarcoma	0	0	3	6	20	9	29	0.1	3.0	0.3	5.5	-	-	0.2	0.5	1.6	0.2	0.5	3	12	93.1	0.0	
c. Ewing & related	0	18	51	94	86	163	249	2.6	53.8	2.8	46.9	-	1.5	3.7	7.3	7.0	3.8	4.5	61	96	98.0	0.0	
d. Other specified	1	1	4	5	6	11	17	0.2	3.6	0.2	3.2	0.3	0.1	0.3	0.4	0.5	0.3	0.3	4	7	94.1	0.0	
e. Unspecified	2	2	1	7	9	12	21	0.2	4.0	0.2	4.0	0.7	0.2	0.1	0.5	0.7	0.3	0.4	4	8	9.5	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	46	138	83	115	191	382	573	6.1	100.0	6.4	100.0	15.1	11.8	6.0	8.9	15.6	9.4	10.8	137	215	96.0	0.0	
a. Rhabdomyosarcoma	19	109	45	37	44	210	254	3.4	55.0	2.8	44.3	6.2	9.3	3.3	2.9	3.6	5.2	4.9	74	92	97.2	0.0	
b. Fibrosarcoma	15	10	4	14	26	43	69	0.7	11.3	0.8	12.0	4.9	0.9	0.3	1.1	2.1	1.1	1.3	15	26	97.1	0.0	
c. Kaposi sarcoma	0	0	0	0	7	0	7	-	-	0.1	1.2	-	-	-	-	0.6	-	0.1	-	3	3	85.7	0.0
d. Other specified	7	16	28	57	94	108	202	1.7	28.3	2.2	35.3	2.3	1.4	2.0	4.4	7.7	2.5	3.7	40	79	97.0	0.0	
e. Unspecified	5	3	6	7	20	21	41	0.3	5.5	0.5	7.2	1.6	0.3	0.4	0.5	1.6	0.5	0.8	8	16	82.9	0.0	
<b>X GERM CELL TUMOURS</b>	33	31	28	66	194	158	352	2.5	100.0	3.9	100.0	10.8	2.6	2.0	5.1	15.9	3.8	6.5	57	137	94.3	0.0	
a. CNS germ cell ‡	3	0	10	9	13	22	35	0.4	13.9	0.4	9.9	1.0	-	0.7	0.7	1.1	0.5	0.6	8	13	80.0	0.0	
b. Other extragonadal	17	13	4	11	17	45	62	0.7	28.5	0.7	17.6	5.6	1.1	0.3	0.9	1.4	1.1	1.2	16	23	98.4	0.0	
c. Gonadal germ cell	11	17	11	42	137	81	218	1.3	51.3	2.4	61.9	3.6	1.4	0.8	3.3	11.2	1.9	4.0	30	86	98.6	0.0	
d. Gonadal carcinoma	0	0	2	3	16	5	21	0.1	3.2	0.2	6.0	-	-	0.1	0.2	1.3	0.1	0.4	2	8	95.2	0.0	
e. Unspecified gonadal	2	1	1	1	11	5	16	0.1	3.2	0.2	4.5	0.7	0.1	0.1	0.1	0.9	0.1	0.3	2	6	50.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	6	23	43	176	566	248	814	4.0	100.0	9.0	100.0	2.0	2.0	3.1	13.7	46.3	5.7	14.9	94	325	98.3	0.0	
a. Adrenocortical	2	4	4	0	1	10	11	0.2	4.0	0.1	1.4	0.7	0.3	0.3	-	0.1	0.3	0.2	3	4	100.0	0.0	
b. Thyroid	0	1	10	69	243	80	323	1.3	32.3	3.6	39.7	-	0.1	0.7	5.4	19.9	1.8	5.9	31	130	99.7	0.0	
c. Nasopharyngeal	0	0	2	22	39	24	63	0.4	9.7	0.7	7.7	-	-	0.1	1.7	3.2	0.5	1.1	9	25	100.0	0.0	
d. Melanoma	2	9	10	32	118	53	171	0.9	21.4	1.9	21.0	0.7	0.8	0.7	2.5	9.7	1.2	3.1	20	68	93.6	0.0	
e. Skin carcinoma	0	1	0	1	5	2	7	0.0	0.8	0.1	0.9	-	0.1	-	0.1	0.4	0.0	0.1	1	3	100.0	0.0	
f. Other & unspecified	2	8	17	52	160	79	239	1.3	31.9	2.6	29.4	0.7	0.7	1.2	4.0	13.1	1.8	4.4	30	95	99.2	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	22	36	33	35	62	126	188	2.0	100.0	2.1	100.0	7.2	3.1	2.4	2.7	5.1	3.1	3.5	45	71	21.3	2.7	
a. Other specified	3	4	3	0	3	10	13	0.2	7.9	0.1	6.9	1.0	0.3	0.2	-	0.2	0.3	0.3	3	5	100.0	0.0	
b. Other unspecified	19	32	30	35	59	116	175	1.9	92.1	1.9	93.1	6.2	2.7	2.2	2.7	4.8	2.8	3.3	42	66	15.4	2.9	
<b>TOTAL</b>	684	2097	1701	1747	2793	6229	9022	100.0	100.0	100.0	100.0	224.2	178.8	123.4	135.6	228.7	152.0	169.3	2236	3379	92.1	0.5	

† includes 261 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

## ISRAEL (1990-2012)

	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		
<b>I LEUKAEMIA</b>	45	365	274	198	208	882	1090	42.1	40.1	1.3	1.4	55	284	182	149	128	670	798	33.9	31.1				
a. Lymphoid	20	269	213	120	114	622	736	29.7	27.2	1.4	1.5	22	213	128	79	52	442	494	22.4	19.4				
b. Acute myeloid	9	57	36	44	51	146	197	6.9	7.2	1.1	1.1	19	33	31	46	45	129	174	6.4	6.7				
c. CMD	6	5	5	9	25	25	50	1.2	1.8	0.9	1.0	6	10	7	6	19	29	48	1.5	1.9				
d. MDS & other	7	4	2	5	2	18	20	0.9	0.7	1.0	1.0	3	8	2	5	2	18	20	0.9	0.8				
e. Unspecified	3	30	18	20	16	71	87	3.4	3.2	1.4	1.4	5	20	14	13	10	52	62	2.6	2.4				
<b>II LYMPHOMA &amp; RELATED</b>	14	162	272	252	424	700	1124	32.5	40.4	1.8	1.4	11	91	119	177	434	398	832	19.4	31.4				
a. Hodgkin	0	27	95	109	259	231	490	10.5	17.4	1.5	1.0	0	9	33	111	318	153	471	7.2	17.6				
b. Non-Hodgkin except BL	3	47	79	77	125	206	331	9.5	11.9	1.6	1.5	2	31	54	43	94	130	224	6.4	8.5				
c. Burkitt (BL)	1	53	77	42	28	173	201	8.1	7.3	3.0	3.2	1	29	17	10	6	57	63	2.9	2.5				
d. Lymphoreticular	9	18	10	7	3	44	47	2.1	1.8	1.3	1.3	7	13	8	6	1	34	35	1.7	1.4				
e. Unspecified	1	17	11	17	9	46	55	2.2	2.0	1.9	1.4	1	9	7	7	15	24	39	1.2	1.5				
<b>III CNS NEOPLASMS †</b>	47	228	247	205	160	727	887	34.3	32.3	1.3	1.3	36	178	184	156	152	554	706	27.6	27.1				
a. Ependymoma	7	37	20	15	12	79	91	3.8	3.4	1.3	1.2	6	34	9	14	11	63	74	3.2	2.9				
b. Astrocytoma	20	60	80	95	61	255	316	11.9	11.4	1.1	1.1	14	54	75	81	62	224	286	11.0	10.9				
c. CNS embryonal	7	61	81	35	20	184	204	8.7	7.5	2.2	2.2	4	37	29	14	10	84	94	4.2	3.7				
d. Other gliomas	4	26	34	23	19	87	106	4.1	3.9	1.0	1.0	3	27	41	19	15	90	105	4.5	4.0				
e. Other specified	4	14	10	17	28	45	73	2.1	2.7	1.0	1.0	4	11	17	14	29	46	75	2.3	2.9				
f. Unspecified CNS	5	30	22	20	20	77	97	3.7	3.6	1.6	1.3	5	15	13	14	25	47	72	2.3	2.8				
<b>IV NEUROBLASTOMA</b>	118	140	40	6	9	304	313	15.3	12.2	1.1	1.1	102	130	31	6	9	269	278	14.2	11.4				
a. (Ganglio)neuroblastoma	117	140	38	5	6	300	306	15.1	11.9	1.1	1.1	102	129	31	6	5	268	273	14.2	11.2				
b. Peripheral nervous	1	0	2	1	3	4	7	0.2	0.3	4.0	1.4	0	1	0	0	4	1	5	0.1	0.2				
<b>V RETINOBLASTOMA</b>	31	43	5	0	0	79	79	4.0	3.1	1.1	1.1	39	28	4	1	0	72	72	3.8	3.0				
<b>VI RENAL TUMOURS</b>	31	82	20	7	9	140	149	7.0	5.7	1.0	1.0	19	87	36	2	7	144	151	7.5	6.1				
a. Nephroblastoma	31	81	19	3	3	134	137	6.7	5.3	1.0	1.0	17	86	32	1	2	136	138	7.1	5.6				
b. Renal carcinoma	0	1	1	3	4	5	9	0.2	0.3	2.5	1.3	0	0	1	1	5	2	7	0.1	0.3				
c. Unspecified	0	0	0	1	2	1	3	0.0	0.1	0.2	0.5	2	1	3	0	0	6	6	0.3	0.2				
<b>VII HEPATIC TUMOURS</b>	13	18	3	10	7	44	51	2.2	1.9	1.5	1.5	13	9	6	1	5	29	34	1.5	1.4				
a. Hepatoblastoma	11	15	0	1	1	27	28	1.4	1.1	1.2	1.2	11	9	3	0	1	23	24	1.2	1.0				
b. Hepatic carcinoma	0	1	3	9	6	13	19	0.6	0.7	3.3	2.4	0	0	3	1	4	4	8	0.2	0.3				
c. Unspecified	2	2	0	0	0	4	4	0.2	0.2	2.0	2.0	2	0	0	0	0	2	2	0.1	0.1				
<b>VIII BONE TUMOURS</b>	3	15	67	101	152	186	338	8.4	12.0	1.6	1.8	0	9	24	84	76	117	193	5.5	7.2				
a. Osteosarcoma	0	2	24	37	74	63	137	2.8	4.8	1.4	1.8	0	1	8	36	33	45	78	2.1	2.9				
b. Chondrosarcoma	0	0	1	2	11	3	14	0.1	0.5	0.5	0.9	0	0	2	4	9	6	15	0.3	0.6				
c. Ewing & related	0	11	39	54	55	104	159	4.7	5.6	1.8	1.8	0	7	12	40	31	59	90	2.8	3.3				
d. Other specified	1	0	2	2	4	5	9	0.2	0.3	0.8	1.1	0	1	2	3	2	6	8	0.3	0.3				
e. Unspecified	2	2	1	6	8	11	19	0.5	0.7	11.0	9.5	0	0	0	1	1	1	2	0.0	0.1				
<b>IX SOFT TISSUE SARCOMA</b>	28	77	46	58	101	209	310	10.0	11.4	1.2	1.2	18	61	37	57	90	173	263	8.7	10.1				
a. Rhabdomyosarcoma	12	64	28	23	28	127	155	6.2	5.8	1.5	1.6	7	45	17	14	16	83	99	4.3	3.9				
b. Fibrosarcoma	9	6	2	3	15	20	35	1.0	1.3	0.9	1.0	6	4	2	11	11	23	34	1.1	1.3				
c. Kaposi sarcoma	0	0	0	0	5	0	5	-	0.2	-	2.5	0	0	0	0	2	0	2	-	0.1				
d. Other specified	6	6	12	30	41	54	95	2.5	3.4	1.0	0.9	1	10	16	27	53	54	107	2.6	4.0				
e. Unspecified	1	1	4	2	12	8	20	0.4	0.7	0.6	1.0	4	2	2	5	8	13	21	0.7	0.8				
<b>X GERM CELL TUMOURS</b>	12	16	6	17	128	51	179	2.5	6.5	0.5	1.0	21	15	22	49	66	107	173	5.3	6.6				
a. CNS germ cell ‡	1	0	4	6	11	11	22	0.5	0.8	1.0	1.7	2	0	6	3	2	11	13	0.5	0.5				
b. Other extragonadal	3	3	1	2	12	9	21	0.4	0.8	0.3	0.5	14	10	3	9	5	36	41	1.9	1.6				
c. Gonadal germ cell	7	12	0	9	101	28	129	1.4	4.7	0.5	1.4	4	5	11	33	36	53	89	2.5	3.3				
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	0.1	0	0	2	3	15	5	20	0.2	0.7				
e. Unspecified gonadal	1	1	1	0	3	3	6	0.1	0.2	1.5	0.6	1	0	0	1	8	2	10	0.1	0.4				
<b>XI CARCINOMA &amp; MELANOMA</b>	5	10	22	75	201	112	313	5.1	11.1	0.8	0.6	1	13	21	101	365	136	501	6.4	18.8				
a. Adrenocortical	1	1	0	0	0	2	2	0.1	0.1	0.3	0.2	1	3	4	0	1	8	9	0.4	0.4				
b. Thyroid	0	0	6	19	52	25	77	1.1	2.7	0.5	0.3	0	1	4	50	191	55	246	2.6	9.2				
c. Nasopharyngeal	0	0	1	16	31	17	48	0.7	1.7	2.4	3.2	0	0	1	6	8	7	15	0.3	0.6				
d. Melanoma	2	4	6	13	49	25	74	1.2	2.7	0.9	0.8	0	5	4	19	69	28	97	1.3	3.6				
e. Skin carcinoma	0	0	0	1	3	1	4	0.0	0.1	1.0	1.3	0	1	0	0	2	1	3	0.1	0.1				
f. Other & unspecified	2	5	9	26	66	42	108	1.9	3.9	1.1	0.8	0	3	8	26	94	37	131	1.7	4.9				
<b>XII OTHER &amp; UNSPECIFIED</b>	10	18	19	17	28	64	92	3.0	3.4	1.0	1.0	12	18	14	18	34	62	96	3.1	3.7				
a. Other specified	2	4	0	0	1	6	7	0.3	0.3	1.5	1.2	1	0	3	0	2	4	6	0.2	0.2				
b. Other unspecified	8	14	19	17	27	58	85	2.7	3.1	1.0	0.9	11	18	11	18	32	58	90	2.9	3.5				
<b>TOTAL</b>	357	1174	1021	946	1427	3498	4925	166.3	180.2	1.3	1.2	327	923	680	801	1366	2731	4097	137.0	157.8				

† includes 136 non-malignant in males and 125 non-malignant in females ‡ includes 1 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

## ISRAEL (1990-2012)

	Age group	Males	Females
Person-years	0	1 565 249	1 485 901
	1-4	6 015 115	5 713 243
	5-9	7 071 463	6 715 366
	10-14	6 607 613	6 271 801
	15-19	6 259 871	5 954 071
Total	0-14	21 259 440	20 186 311
	0-19	27 519 311	26 140 382
Average annual population	0-14	924 323	877 666
	0-19	1 196 492	1 136 538

Please consult the quality indicators for this registry