

## IRELAND (1994-2012)

	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>	44	359	198	159	157	760	917	30.7	100.0	24.3	100.0	38.5	81.8	36.3	28.1	26.5	48.1	43.2	686	818	99.3	0.2
a. Lymphoid	23	300	161	112	77	596	673	24.1	78.4	17.8	73.4	20.1	68.4	29.5	19.8	13.0	37.9	32.3	538	603	99.9	0.0
b. Acute myeloid	16	45	31	30	45	122	167	4.9	16.1	4.4	18.2	14.0	10.3	5.7	5.3	7.6	7.6	7.6	110	148	100.0	0.0
c. CMD	0	6	2	6	20	14	34	0.6	1.8	0.9	3.7	-	1.4	0.4	1.1	3.4	0.8	1.4	13	29	100.0	0.0
d. MDS & other	2	3	1	5	8	11	19	0.4	1.4	0.5	2.1	1.8	0.7	0.2	0.9	1.3	0.7	0.8	10	17	89.5	0.0
e. Unspecified	3	5	3	6	7	17	24	0.7	2.2	0.6	2.6	2.6	1.1	0.5	1.1	1.2	1.0	1.1	15	21	87.5	8.3
<b>II LYMPHOMA &amp; RELATED</b>	6	37	73	143	316	259	575	10.5	100.0	15.2	100.0	5.3	8.4	13.4	25.3	53.2	14.7	23.3	232	498	99.3	0.2
a. Hodgkin	0	3	25	82	220	110	330	4.4	42.5	8.7	57.4	-	0.7	4.6	14.5	37.1	5.9	12.9	98	283	99.7	0.0
b. Non-Hodgkin except BL	2	18	30	43	75	93	168	3.8	35.9	4.4	29.2	1.8	4.1	5.5	7.6	12.6	5.4	7.0	84	147	98.8	0.6
c. Burkitt (BL)	0	5	10	6	7	21	28	0.8	8.1	0.7	4.9	-	1.1	1.8	1.1	1.2	1.2	1.2	19	25	100.0	0.0
d. Lymphoreticular	3	5	3	3	3	14	17	0.6	5.4	0.4	3.0	2.6	1.1	0.5	0.5	0.5	0.9	0.8	13	15	94.1	0.0
e. Unspecified	1	6	5	9	11	21	32	0.8	8.1	0.8	5.6	0.9	1.4	0.9	1.6	1.9	1.2	1.4	19	28	100.0	0.0
<b>III CNS NEOPLASMS †</b>	54	180	209	200	232	643	875	26.0	100.0	23.1	100.0	47.3	41.0	38.3	35.3	39.1	39.0	39.0	580	775	82.6	0.1
a. Ependymoma	7	19	12	11	14	49	63	2.0	7.6	1.7	7.2	6.1	4.3	2.2	1.9	2.4	3.1	2.9	44	56	98.4	0.0
b. Astrocytoma	23	89	94	101	106	307	413	12.4	47.7	10.9	47.2	20.1	20.3	17.2	17.8	17.9	18.6	18.4	277	366	89.1	0.0
c. CNS embryonal	14	43	47	19	21	123	144	5.0	19.1	3.8	16.5	12.3	9.8	8.6	3.4	3.5	7.7	6.8	111	129	97.9	0.0
d. Other gliomas	3	10	26	27	22	66	88	2.7	10.3	2.3	10.1	2.6	2.3	4.8	4.8	3.7	3.8	3.8	59	78	51.1	0.0
e. Other specified	2	12	24	33	51	71	122	2.9	11.0	3.2	13.9	1.8	2.7	4.4	5.8	8.6	4.1	5.1	64	107	86.1	0.0
f. Unspecified CNS	5	7	6	9	18	27	45	1.1	4.2	1.2	5.1	4.4	1.6	1.1	1.6	3.0	1.7	2.0	24	39	4.4	2.2
<b>IV NEUROBLASTOMA</b>	53	85	21	5	6	164	170	6.6	100.0	4.5	100.0	46.4	19.4	3.8	0.9	1.0	11.2	8.9	148	153	92.9	0.0
a. (Ganglio)neuroblastoma	53	84	20	2	2	159	161	6.4	97.0	4.3	94.7	46.4	19.1	3.7	0.4	0.3	10.9	8.5	144	146	92.5	0.0
b. Peripheral nervous	0	1	1	3	4	5	9	0.2	3.0	0.2	5.3	-	0.2	0.2	0.5	0.7	0.3	0.4	4	8	100.0	0.0
<b>V RETINOBLASTOMA</b>	15	48	1	0	0	64	64	2.6	100.0	1.7	100.0	13.1	10.9	0.2	-	-	4.5	3.5	58	58	81.3	0.0
<b>VI RENAL TUMOURS</b>	17	83	26	4	3	130	133	5.3	100.0	3.5	100.0	14.9	18.9	4.8	0.7	0.5	8.7	6.9	118	120	98.5	0.0
a. Nephroblastoma	17	79	25	3	0	124	124	5.0	95.4	3.3	93.2	14.9	18.0	4.6	0.5	-	8.4	6.5	112	112	98.4	0.0
b. Renal carcinoma	0	4	1	1	3	6	9	0.2	4.6	0.2	6.8	-	0.9	0.2	0.2	0.5	0.4	0.4	5	8	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	9	17	3	2	8	31	39	1.3	100.0	1.0	100.0	7.9	3.9	0.5	0.4	1.3	2.1	1.9	28	35	94.9	2.6
a. Hepatoblastoma	8	17	3	0	0	28	28	1.1	90.3	0.7	71.8	7.0	3.9	0.5	-	-	1.9	1.5	25	25	96.4	0.0
b. Hepatic carcinoma	0	0	0	2	8	2	10	0.1	6.5	0.3	25.6	-	-	-	0.4	1.3	0.1	0.4	2	9	100.0	0.0
c. Unspecified	1	0	0	0	0	1	1	0.0	3.2	0.0	2.6	0.9	-	-	-	-	0.1	0.1	1	1	0.0	100.0
<b>VIII BONE TUMOURS</b>	0	7	28	69	82	104	186	4.2	100.0	4.9	100.0	-	1.6	5.1	12.2	13.8	5.7	7.5	93	162	97.8	0.5
a. Osteosarcoma	0	0	11	39	45	50	95	2.0	48.1	2.5	51.1	-	-	2.0	6.9	7.6	2.7	3.8	45	82	100.0	0.0
b. Chondrosarcoma	0	0	0	1	4	1	5	0.0	1.0	0.1	2.7	-	-	-	0.2	0.7	0.1	0.2	1	4	100.0	0.0
c. Ewing & related	0	5	17	26	27	48	75	1.9	46.2	2.0	40.3	-	1.1	3.1	4.6	4.5	2.7	3.1	43	66	98.7	0.0
d. Other specified	0	1	0	1	4	2	6	0.1	1.9	0.2	3.2	-	0.2	-	0.2	0.7	0.1	0.2	2	5	100.0	0.0
e. Unspecified	0	1	0	2	2	3	5	0.1	2.9	0.1	2.7	-	0.2	-	0.4	0.3	0.2	0.2	3	4	40.0	20.0
<b>IX SOFT TISSUE SARCOMA</b>	14	51	46	47	74	158	232	6.4	100.0	6.1	100.0	12.3	11.6	8.4	8.3	12.5	9.7	10.3	142	205	99.1	0.0
a. Rhabdomyosarcoma	3	44	29	19	15	95	110	3.8	60.1	2.9	47.4	2.6	10.0	5.3	3.4	2.5	6.0	5.2	86	98	98.2	0.0
b. Fibrosarcoma	6	1	5	6	8	18	26	0.7	11.4	0.7	11.2	5.3	0.2	0.9	1.1	1.3	1.1	1.2	16	23	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	6	9	18	45	36	81	1.5	22.8	2.1	34.9	2.6	1.4	1.6	3.2	7.6	2.1	3.3	32	70	100.0	0.0
e. Unspecified	2	0	3	4	6	9	15	0.4	5.7	0.4	6.5	1.8	-	0.5	0.7	1.0	0.5	0.6	8	13	100.0	0.0
<b>X GERM CELL TUMOURS</b>	21	12	14	28	145	75	220	3.0	100.0	5.8	100.0	18.4	2.7	2.6	4.9	24.4	4.6	9.0	67	190	98.2	0.0
a. CNS germ cell ‡	2	1	5	12	9	20	29	0.8	26.7	0.8	13.2	1.8	0.2	0.9	2.1	1.5	1.1	1.2	18	25	96.6	0.0
b. Other extragonadal	14	4	2	1	5	21	26	0.8	28.0	0.7	11.8	12.3	0.9	0.4	0.2	0.8	1.4	1.3	19	23	96.2	0.0
c. Gonadal germ cell	5	7	6	14	122	32	154	1.3	42.7	4.1	70.0	4.4	1.6	1.1	2.5	20.6	1.9	6.1	29	131	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	7	1	8	0.0	1.3	0.2	3.6	-	-	-	0.2	1.2	0.1	0.3	1	7	100.0	0.0
e. Unspecified gonadal	0	0	1	0	2	1	3	0.0	1.3	0.1	1.4	-	-	0.2	-	0.3	0.1	0.1	1	3	33.3	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	1	2	10	52	281	65	346	2.6	100.0	9.2	100.0	0.9	0.5	1.8	9.2	47.3	3.5	13.3	58	295	98.8	0.0
a. Adrenocortical	0	1	1	2	1	4	5	0.2	6.2	0.1	1.4	-	0.2	0.2	0.4	0.2	0.2	0.2	4	4	80.0	0.0
b. Thyroid	0	0	1	9	52	10	62	0.4	15.4	1.6	17.9	-	-	0.2	1.6	8.8	0.5	2.4	9	53	100.0	0.0
c. Nasopharyngeal	0	0	0	6	12	6	18	0.2	9.2	0.5	5.2	-	-	-	1.1	2.0	0.3	0.7	5	15	100.0	0.0
d. Melanoma	0	1	4	10	99	15	114	0.6	23.1	3.0	32.9	-	0.2	0.7	1.8	16.7	0.8	4.4	13	97	99.1	0.0
e. Skin carcinoma	0	0	1	6	55	7	62	0.3	10.8	1.6	17.9	-	-	0.2	1.1	9.3	0.4	2.4	6	53	98.4	0.0
f. Other & unspecified	1	0	3	19	62	23	85	0.9	35.4	2.2	24.6	0.9	-	0.5	3.4	10.4	1.2	3.3	20	73	98.8	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	3	8	3	6	4	20	24	0.8	100.0	0.6	100.0	2.6	1.8	0.5	1.1	0.7	1.3	1.1	18	21	70.8	0.0
a. Other specified	1	5	2	0	2	8	10	0.3	40.0	0.3	41.7	0.9	1.1	0.4	-	0.3	0.5	0.5	7	9	100.0	0.0
b. Other unspecified	2	3	1	6	2	12	14	0.5	60.0	0.4	58.3	1.8	0.7	0.2	1.1	0.3	0.7	0.6	11	12	50.0	0.0
<b>TOTAL</b>	237	889	632	715	1308	2473	3781	100.0	100.0	100.0	100.0	207.6	202.6	115.7	126.3	220.4	152.8	168.0	2229	3330	94.4	0.2

† includes 341 non-malignant ‡ includes 3 non-malignant

Please consult the quality indicators for this registry

## IRELAND (1994-2012)

	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>	16	197	104	83	81	400	481	49.4	44.3	1.1	1.1	28	162	94	76	76	360	436	46.7	42.1				
a. Lymphoid	6	171	83	57	47	317	364	39.4	34.0	1.1	1.2	17	129	78	55	30	279	309	36.2	30.4				
b. Acute myeloid	6	18	19	17	23	60	83	7.2	7.3	1.0	1.0	10	27	12	13	22	62	84	8.1	8.0				
c. CMD	0	3	0	3	7	6	13	0.7	1.1	0.8	0.6	0	3	2	3	13	8	21	1.0	1.8				
d. MDS & other	2	2	0	4	3	8	11	0.9	1.0	2.7	1.4	0	1	1	1	5	3	8	0.4	0.7				
e. Unspecified	2	3	2	2	1	9	10	1.1	0.9	1.1	0.7	1	2	1	4	6	8	14	1.0	1.2				
<b>II LYMPHOMA &amp; RELATED</b>	3	28	51	82	167	164	331	18.3	26.6	1.7	1.4	3	9	22	61	149	95	244	10.8	19.9				
a. Hodgkin	0	2	19	43	108	64	172	6.8	13.2	1.4	1.1	0	1	6	39	112	46	158	5.0	12.5				
b. Non-Hodgkin except BL	0	15	19	26	43	60	103	6.8	8.5	1.8	1.6	2	3	11	17	32	33	65	3.8	5.5				
c. Burkitt (BL)	0	5	8	6	7	19	26	2.2	2.2	9.5	13.0	0	0	2	0	0	2	2	0.2	0.2				
d. Lymphoreticular	2	3	2	3	1	10	11	1.2	1.0	2.5	1.8	1	2	1	0	2	4	6	0.6	0.6				
e. Unspecified	1	3	3	4	8	11	19	1.3	1.6	1.1	1.5	0	3	2	5	3	10	13	1.2	1.2				
<b>III CNS NEOPLASMS †</b>	25	103	119	112	149	359	508	42.4	43.9	1.3	1.4	29	77	90	88	83	284	367	35.4	33.9				
a. Ependymoma	6	14	6	6	8	32	40	4.0	3.7	1.9	1.7	1	5	6	5	6	17	23	2.1	2.1				
b. Astrocytoma	5	46	55	51	75	157	232	18.4	19.8	1.0	1.3	18	43	39	50	31	150	181	18.8	16.9				
c. CNS embryonal	7	30	28	15	13	80	93	9.8	8.5	1.9	1.8	7	13	19	4	8	43	51	5.6	5.0				
d. Other gliomas	3	5	14	14	13	36	49	4.1	4.1	1.2	1.3	0	5	12	13	9	30	39	3.5	3.4				
e. Other specified	2	4	13	20	28	39	67	4.3	5.4	1.2	1.2	0	8	11	13	23	32	55	3.9	4.8				
f. Unspecified CNS	2	4	3	6	12	15	27	1.8	2.3	1.3	1.5	3	3	3	3	6	12	18	1.5	1.7				
<b>IV NEUROBLASTOMA</b>	31	42	12	4	3	89	92	11.7	9.3	1.2	1.2	22	43	9	1	3	75	78	10.5	8.4				
a. (Ganglio)neuroblastoma	31	41	11	1	2	84	86	11.2	8.8	1.1	1.1	22	43	9	1	0	75	75	10.5	8.2				
b. Peripheral nervous	0	1	1	3	1	5	6	0.6	0.5	-	2.0	0	0	0	0	3	0	3	-	0.2				
<b>V RETINOBLASTOMA</b>	8	24	1	0	0	33	33	4.5	3.5	1.1	1.1	7	24	0	0	0	31	31	4.5	3.5				
<b>VI RENAL TUMOURS</b>	3	39	12	0	2	54	56	7.1	5.7	0.7	0.7	14	44	14	4	1	76	77	10.5	8.2				
a. Nephroblastoma	3	38	11	0	0	52	52	6.9	5.3	0.7	0.7	14	41	14	3	0	72	72	9.9	7.7				
b. Renal carcinoma	0	1	1	0	2	2	4	0.3	0.3	0.5	0.8	0	3	0	1	1	4	5	0.5	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	4	11	2	2	2	19	21	2.5	2.1	1.6	1.2	5	6	1	0	6	12	18	1.7	1.8				
a. Hepatoblastoma	4	11	2	0	0	17	17	2.3	1.8	1.5	1.5	4	6	1	0	0	11	11	1.6	1.2				
b. Hepatic carcinoma	0	0	0	2	2	2	4	0.2	0.3	-	0.7	0	0	0	0	6	0	6	-	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.1	0.1				
<b>VIII BONE TUMOURS</b>	0	5	14	43	55	62	117	6.6	9.2	1.5	1.7	0	2	14	26	27	42	69	4.7	5.8				
a. Osteosarcoma	0	0	5	25	29	30	59	3.1	4.5	1.5	1.6	0	0	6	14	16	20	36	2.2	2.9				
b. Chondrosarcoma	0	0	0	1	3	1	4	0.1	0.3	-	4.0	0	0	0	0	1	0	1	-	0.1				
c. Ewing & related	0	4	9	14	19	27	46	3.0	3.7	1.3	1.6	0	1	8	12	8	21	29	2.4	2.5				
d. Other specified	0	0	0	1	2	1	3	0.1	0.2	1.0	1.0	0	1	0	0	2	1	3	0.1	0.3				
e. Unspecified	0	1	0	2	2	3	5	0.3	0.4	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	10	27	31	25	34	93	127	11.1	11.1	1.4	1.2	4	24	15	22	40	65	105	8.2	9.4				
a. Rhabdomyosarcoma	2	26	20	10	7	58	65	7.1	6.0	1.6	1.4	1	18	9	9	8	37	45	4.8	4.3				
b. Fibrosarcoma	5	1	4	1	5	11	16	1.4	1.4	1.6	1.6	1	0	1	5	3	7	10	0.8	0.8				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	2	0	5	11	20	18	38	1.9	3.0	1.0	0.9	1	6	4	7	25	18	43	2.2	3.7				
e. Unspecified	1	0	2	3	2	6	8	0.7	0.7	2.0	1.1	1	0	1	1	4	3	7	0.4	0.6				
<b>X GERM CELL TUMOURS</b>	8	8	4	17	109	37	146	4.3	11.4	1.0	2.0	13	4	10	11	36	38	74	4.8	6.5				
a. CNS germ cell ‡	0	1	3	9	7	13	20	1.4	1.6	1.9	2.2	2	0	2	3	2	7	9	0.8	0.8				
b. Other extragonadal	3	1	1	1	2	6	8	0.8	0.7	0.4	0.4	11	3	1	0	3	15	18	2.1	1.9				
c. Gonadal germ cell	5	6	0	6	99	17	116	2.1	9.0	1.1	3.1	0	1	6	8	23	15	38	1.7	3.1				
d. Gonadal carcinoma	0	0	0	1	0	1	1	0.1	0.1	-	0.1	0	0	0	0	7	0	7	-	0.5				
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.1	0.0	0.5	0	0	1	0	1	1	2	0.1	0.2				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	2	2	21	98	26	124	2.7	9.4	0.7	0.6	0	0	8	31	183	39	222	4.2	17.5				
a. Adrenocortical	0	1	0	2	0	3	3	0.3	0.3	3.0	1.5	0	0	1	0	1	1	2	0.1	0.2				
b. Thyroid	0	0	0	2	11	2	13	0.2	1.0	0.3	0.3	0	0	1	7	41	8	49	0.9	3.8				
c. Nasopharyngeal	0	0	0	4	9	4	13	0.4	1.0	2.0	2.6	0	0	0	2	3	2	5	0.2	0.4				
d. Melanoma	0	1	1	2	33	4	37	0.5	2.8	0.4	0.5	0	0	3	8	66	11	77	1.2	6.1				
e. Skin carcinoma	0	0	1	2	21	3	24	0.3	1.8	0.8	0.6	0	0	0	4	34	4	38	0.4	3.0				
f. Other & unspecified	1	0	0	9	24	10	34	1.0	2.6	0.8	0.7	0	0	3	10	38	13	51	1.4	4.0				
<b>XII OTHER &amp; UNSPECIFIED</b>	3	3	2	4	1	12	13	1.4	1.2	1.5	1.2	0	5	1	2	3	8	11	1.1	1.0				
a. Other specified	1	1	1	0	1	3	4	0.4	0.4	0.6	0.7	0	4	1	0	1	5	6	0.7	0.6				
b. Other unspecified	2	2	1	4	0	9	9	1.1	0.8	3.0	1.8	0	1	0	2	2	3	5	0.4	0.4				
<b>TOTAL</b>	112	489	354	393	701	1348	2049	162.1	177.6	1.2	1.2	125	400	278	322	607	1125	1732	143.1	158.0				

† includes 190 non-malignant in males and 151 non-malignant in females ‡ includes 1 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

## IRELAND (1994-2012)

	Age group	Males	Females
Person-years	0	586 238	555 538
	1-4	2 249 233	2 138 278
	5-9	2 798 411	2 662 606
	10-14	2 904 306	2 755 180
	15-19	3 035 097	2 899 888
Total	0-14	8 538 188	8 111 602
	0-19	11 573 285	11 011 490
Average annual population	0-14	449 378	426 926
	0-19	609 120	579 552

Please consult the quality indicators for this registry