

NORWAY (1990-2013)

	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
I LEUKAEMIA	65	511	256	192	176	1024	1200	30.0	100.0	23.6	100.0	45.7	89.0	36.2	27.5	25.1	50.8	45.0	720	846	99.8	0.1
a. Lymphoid	33	417	218	139	110	807	917	23.7	78.8	18.0	76.4	23.2	72.6	30.8	19.9	15.7	40.0	34.6	568	646	99.9	0.0
b. Acute myeloid	26	71	34	34	37	165	202	4.8	16.1	4.0	16.8	18.3	12.4	4.8	4.9	5.3	8.2	7.5	116	142	99.5	0.5
c. CMD	0	6	1	8	22	15	37	0.4	1.5	0.7	3.1	-	1.0	0.1	1.1	3.1	0.7	1.2	11	26	100.0	0.0
d. MDS & other	6	10	2	8	6	26	32	0.8	2.5	0.6	2.7	4.2	1.7	0.3	1.1	0.9	1.3	1.2	18	23	100.0	0.0
e. Unspecified	0	7	1	3	1	11	12	0.3	1.1	0.2	1.0	-	1.2	0.1	0.4	0.1	0.5	0.5	8	8	100.0	0.0
II LYMPHOMA & RELATED	17	66	97	168	345	348	693	10.2	100.0	13.6	100.0	11.9	11.5	13.7	24.1	49.2	15.9	23.4	247	493	99.6	0.0
a. Hodgkin	2	5	28	83	226	118	344	3.5	33.9	6.8	49.6	1.4	0.9	4.0	11.9	32.2	5.1	11.2	84	245	99.7	0.0
b. Non-Hodgkin except BL	2	27	37	57	83	123	206	3.6	35.3	4.0	29.7	1.4	4.7	5.2	8.2	11.8	5.6	7.0	87	146	99.0	0.0
c. Burkitt (BL)	0	12	21	23	22	56	78	1.6	16.1	1.5	11.3	-	2.1	3.0	3.3	3.1	2.6	2.7	40	55	100.0	0.0
d. Lymphoreticular	13	21	8	5	9	47	56	1.4	13.5	1.1	8.1	9.1	3.7	1.1	0.7	1.3	2.4	2.2	33	39	100.0	0.0
e. Unspecified	0	1	3	0	5	4	9	0.1	1.1	0.2	1.3	-	0.2	0.4	-	0.7	0.2	0.3	3	6	100.0	0.0
III CNS NEOPLASMS †	113	293	319	291	358	1016	1374	29.8	100.0	27.0	100.0	79.4	51.0	45.1	41.7	51.0	48.6	49.1	717	972	82.5	0.2
a. Ependymoma	20	35	16	13	17	84	101	2.5	8.3	2.0	7.4	14.1	6.1	2.3	1.9	2.4	4.2	3.8	59	71	97.0	0.0
b. Astrocytoma	29	116	105	104	103	354	457	10.4	34.8	9.0	33.3	20.4	20.2	14.9	14.9	14.7	16.9	16.4	250	323	93.4	0.0
c. CNS embryonal	24	50	73	32	34	179	213	5.2	17.6	4.2	15.5	16.9	8.7	10.3	4.6	4.8	8.7	7.8	126	150	99.5	0.0
d. Other gliomas	2	17	36	26	44	81	125	2.4	8.0	2.5	9.1	1.4	3.0	5.1	3.7	6.3	3.8	4.3	57	89	71.2	0.0
e. Other specified	5	21	36	64	72	126	198	3.7	12.4	3.9	14.4	3.5	3.7	5.1	9.2	10.3	5.7	6.7	89	141	88.4	0.0
f. Unspecified CNS	33	54	53	52	88	192	280	5.6	18.9	5.5	20.4	23.2	9.4	7.5	7.4	12.5	9.3	10.0	135	198	47.5	1.1
IV NEUROBLASTOMA	65	91	15	4	7	175	182	5.1	100.0	3.6	100.0	45.7	15.8	2.1	0.6	1.0	9.3	7.4	122	127	99.5	0.0
a. (Ganglio)neuroblastoma	65	90	14	4	5	173	178	5.1	98.9	3.5	97.8	45.7	15.7	2.0	0.6	0.7	9.2	7.3	121	124	99.4	0.0
b. Peripheral nervous	0	1	1	0	2	2	4	0.1	1.1	0.1	2.2	-	0.2	0.1	-	0.3	0.1	0.1	1	3	100.0	0.0
V RETINOBLASTOMA	34	48	3	0	0	85	85	2.5	100.0	1.7	100.0	23.9	8.4	0.4	-	-	4.6	3.5	59	59	67.1	0.0
VI RENAL TUMOURS	20	92	36	12	6	160	166	4.7	100.0	3.3	100.0	14.1	16.0	5.1	1.7	0.9	8.2	6.5	112	116	99.4	0.0
a. Nephroblastoma	20	90	34	8	0	152	152	4.5	95.0	3.0	91.6	14.1	15.7	4.8	1.1	-	7.8	6.1	107	107	100.0	0.0
b. Renal carcinoma	0	0	0	2	6	2	8	0.1	1.3	0.2	4.8	-	-	-	0.3	0.9	0.1	0.3	1	6	100.0	0.0
c. Unspecified	0	2	2	2	0	6	6	0.2	3.8	0.1	3.6	-	0.3	0.3	0.3	-	0.3	0.2	4	4	83.3	0.0
VII HEPATIC TUMOURS	15	30	4	7	11	56	67	1.6	100.0	1.3	100.0	10.5	5.2	0.6	1.0	1.6	2.9	2.6	39	47	98.5	0.0
a. Hepatoblastoma	13	27	0	0	1	40	41	1.2	71.4	0.8	61.2	9.1	4.7	-	-	0.1	2.2	1.7	28	29	97.6	0.0
b. Hepatic carcinoma	2	3	4	7	10	16	26	0.5	28.6	0.5	38.8	1.4	0.5	0.6	1.0	1.4	0.7	0.9	11	18	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	1	6	36	97	104	140	244	4.1	100.0	4.8	100.0	0.7	1.0	5.1	13.9	14.8	6.1	8.0	100	174	97.5	0.0
a. Osteosarcoma	0	1	17	55	60	73	133	2.1	52.1	2.6	54.5	-	0.2	2.4	7.9	8.6	3.1	4.3	52	95	98.5	0.0
b. Chondrosarcoma	0	0	0	2	10	2	12	0.1	1.4	0.2	4.9	-	-	-	0.3	1.4	0.1	0.4	1	9	100.0	0.0
c. Ewing & related	0	3	14	32	22	49	71	1.4	35.0	1.4	29.1	-	0.5	2.0	4.6	3.1	2.1	2.4	35	51	98.6	0.0
d. Other specified	0	2	4	7	7	13	20	0.4	9.3	0.4	8.2	-	0.3	0.6	1.0	1.0	0.6	0.7	9	14	95.0	0.0
e. Unspecified	1	0	1	1	5	3	8	0.1	2.1	0.2	3.3	0.7	-	0.1	0.1	0.7	0.1	0.3	2	6	75.0	0.0
IX SOFT TISSUE SARCOMA	24	57	40	66	101	187	288	5.5	100.0	5.7	100.0	16.9	9.9	5.7	9.5	14.4	8.9	10.2	132	204	100.0	0.0
a. Rhabdomyosarcoma	13	44	20	18	17	95	112	2.8	50.8	2.2	38.9	9.1	7.7	2.8	2.6	2.4	4.7	4.2	67	79	100.0	0.0
b. Fibrosarcoma	4	3	4	11	17	22	39	0.6	11.8	0.8	13.5	2.8	0.5	0.6	1.6	2.4	1.0	1.3	16	28	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	7	13	30	54	53	107	1.6	28.3	2.1	37.2	2.1	1.2	1.8	4.3	7.7	2.4	3.6	38	76	100.0	0.0
e. Unspecified	4	3	3	7	13	17	30	0.5	9.1	0.6	10.4	2.8	0.5	0.4	1.0	1.9	0.8	1.0	12	21	100.0	0.0
X GERM CELL TUMOURS	17	26	15	55	260	113	373	3.3	100.0	7.3	100.0	11.9	4.5	2.1	7.9	37.1	5.3	12.4	80	265	98.9	0.0
a. CNS germ cell ‡	1	3	8	16	17	28	45	0.8	24.8	0.9	12.1	0.7	0.5	1.1	2.3	2.4	1.2	1.5	20	32	97.8	0.0
b. Other extragonadal	8	9	1	1	3	19	22	0.6	16.8	0.4	5.9	5.6	1.6	0.1	0.1	0.4	1.0	0.9	13	15	90.9	0.0
c. Gonadal germ cell	8	13	5	30	220	56	276	1.6	49.6	5.4	74.0	5.6	2.3	0.7	4.3	31.4	2.6	9.1	40	196	100.0	0.0
d. Gonadal carcinoma	0	0	0	6	11	6	17	0.2	5.3	0.3	4.6	-	-	-	0.9	1.6	0.2	0.5	4	12	100.0	0.0
e. Unspecified gonadal	0	1	1	2	9	4	13	0.1	3.5	0.3	3.5	-	0.2	0.1	0.3	1.3	0.2	0.4	3	9	92.3	0.0
XI CARCINOMA & MELANOMA	0	7	15	69	301	91	392	2.7	100.0	7.7	100.0	-	1.2	2.1	9.9	42.9	3.9	12.7	65	279	99.0	0.0
a. Adrenocortical	0	2	1	1	1	4	5	0.1	4.4	0.1	1.3	-	0.3	0.1	0.1	0.1	0.2	0.2	3	4	100.0	0.0
b. Thyroid	0	0	4	17	69	21	90	0.6	23.1	1.8	23.0	-	-	0.6	2.4	9.8	0.9	2.9	15	64	98.9	0.0
c. Nasopharyngeal	0	0	1	0	4	1	5	0.0	1.1	0.1	1.3	-	-	0.1	-	0.6	0.0	0.2	1	4	100.0	0.0
d. Melanoma	0	2	5	15	125	22	147	0.6	24.2	2.9	37.5	-	0.3	0.7	2.1	17.8	1.0	4.8	16	105	98.6	0.0
e. Skin carcinoma	0	0	0	0	7	0	7	-	-	0.1	1.8	-	-	-	-	1.0	-	0.2	-	5	100.0	0.0
f. Other & unspecified	0	3	4	36	95	43	138	1.3	47.3	2.7	35.2	-	0.5	0.6	5.2	13.5	1.8	4.5	31	98	99.3	0.0
XII OTHER & UNSPECIFIED	5	4	4	2	11	15	26	0.4	100.0	0.5	100.0	3.5	0.7	0.6	0.3	1.6	0.8	0.9	11	18	65.4	0.0
a. Other specified	1	1	0	0	3	2	5	0.1	13.3	0.1	19.2	0.7	0.2	-	-	0.4	0.1	0.2	1	4	100.0	0.0
b. Other unspecified	4	3	4	2	8	13	21	0.4	86.7	0.4	80.8	2.8	0.5	0.6	0.3	1.1	0.6	0.8	9	15	57.1	0.0
TOTAL	376	1231	840	963	1680	3410	5090	100.0	100.0	100.0	100.0	264.3	214.3	118.8	137.9	239.5	165.2	181.9	2405	3602	94.1	0.1

† includes 709 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

NORWAY (1990-2013)

	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	35	267	132	107	105	541	646	52.2	47.0	1.1	1.2	30	244	124	85	71	483	554	49.2	42.8		
a. Lymphoid	16	213	110	76	76	415	491	40.1	35.8	1.1	1.2	17	204	108	63	34	392	426	40.0	33.2		
b. Acute myeloid	14	41	19	19	18	93	111	9.0	8.1	1.3	1.2	12	30	15	15	19	72	91	7.3	6.9		
c. CMD	0	5	1	5	8	11	19	1.0	1.3	2.8	1.1	0	1	0	3	14	4	18	0.4	1.2		
d. MDS & other	5	5	1	5	2	16	18	1.5	1.3	1.6	1.3	1	5	1	3	4	10	14	1.0	1.0		
e. Unspecified	0	3	1	2	1	6	7	0.6	0.5	1.2	1.4	0	4	0	1	0	5	5	0.5	0.4		
II LYMPHOMA & RELATED	10	47	69	113	187	239	426	21.3	28.2	2.2	1.6	7	19	28	55	158	109	267	10.2	18.3		
a. Hodgkin	1	2	23	53	110	79	189	6.7	12.0	2.0	1.2	1	3	5	30	116	39	155	3.5	10.3		
b. Non-Hodgkin except BL	1	21	22	35	49	79	128	7.1	8.6	1.8	1.6	1	6	15	22	34	44	78	4.1	5.4		
c. Burkitt (BL)	0	12	16	21	19	49	68	4.4	4.6	7.0	6.8	0	0	5	2	3	7	10	0.6	0.7		
d. Lymphoreticular	8	12	5	4	8	29	37	2.9	2.7	1.6	1.9	5	9	3	1	1	18	19	1.9	1.6		
e. Unspecified	0	0	3	0	1	3	4	0.3	0.3	3.0	0.8	0	1	0	0	4	1	5	0.1	0.3		
III CNS NEOPLASMS †	63	150	180	158	176	551	727	51.3	50.7	1.2	1.1	50	143	139	133	182	465	647	45.8	47.4		
a. Ependymoma	10	17	10	6	10	43	53	4.2	3.9	1.0	1.1	10	18	6	7	7	41	48	4.3	3.8		
b. Astrocytoma	18	60	56	55	49	189	238	17.7	16.8	1.1	1.1	11	56	49	49	54	165	219	16.2	16.1		
c. CNS embryonal	14	27	47	20	21	108	129	10.1	9.2	1.5	1.5	10	23	26	12	13	71	84	7.1	6.4		
d. Other gliomas	1	6	12	9	24	28	52	2.5	3.5	0.5	0.7	1	11	24	17	20	53	73	5.0	5.2		
e. Other specified	4	11	26	36	31	77	108	6.8	7.2	1.6	1.2	1	10	10	28	41	49	90	4.5	6.2		
f. Unspecified CNS	16	29	29	32	41	106	147	9.9	10.2	1.2	1.1	17	25	24	20	47	86	133	8.6	9.8		
IV NEUROBLASTOMA	42	38	7	4	2	91	93	9.4	7.4	1.1	1.0	23	53	8	0	5	84	89	9.2	7.4		
a. (Ganglioneuroblastoma	42	37	6	4	1	89	90	9.2	7.2	1.1	1.0	23	53	8	0	4	84	88	9.2	7.4		
b. Peripheral nervous	0	1	1	0	1	2	3	0.2	0.2	-	3.0	0	0	0	0	1	0	1	-	0.1		
V RETINOBLASTOMA	15	23	2	0	0	40	40	4.2	3.2	0.9	0.9	19	25	1	0	0	45	45	5.0	3.9		
VI RENAL TUMOURS	8	40	15	7	4	70	74	7.0	5.6	0.8	0.8	12	52	21	5	2	90	92	9.5	7.5		
a. Nephroblastoma	8	39	14	3	0	64	64	6.4	5.0	0.7	0.7	12	51	20	5	0	88	88	9.3	7.2		
b. Renal carcinoma	0	0	0	2	4	2	6	0.2	0.4	-	3.0	0	0	0	0	2	0	2	-	0.1		
c. Unspecified	0	1	1	2	0	4	4	0.4	0.3	2.0	2.0	0	1	1	0	0	2	2	0.2	0.2		
VII HEPATIC TUMOURS	10	17	3	1	4	31	35	3.2	2.7	1.2	1.1	5	13	1	6	7	25	32	2.6	2.5		
a. Hepatoblastoma	8	16	0	0	1	24	25	2.5	2.0	1.5	1.6	5	11	0	0	0	16	16	1.8	1.4		
b. Hepatic carcinoma	2	1	3	1	3	7	10	0.7	0.7	0.8	0.6	0	2	1	6	7	9	16	0.8	1.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	2	12	58	61	72	133	6.0	8.5	1.1	1.2	1	4	24	39	43	68	111	6.1	7.6		
a. Osteosarcoma	0	0	9	30	35	39	74	3.2	4.7	1.1	1.3	0	1	8	25	25	34	59	3.0	4.0		
b. Chondrosarcoma	0	0	0	0	8	0	8	-	0.5	0.0	2.0	0	0	0	2	2	2	4	0.2	0.3		
c. Ewing & related	0	1	3	21	12	25	37	2.1	2.4	1.0	1.1	0	2	11	11	10	24	34	2.2	2.4		
d. Other specified	0	1	0	6	4	7	11	0.6	0.7	1.2	1.2	0	1	4	1	3	6	9	0.6	0.6		
e. Unspecified	0	0	0	1	2	1	3	0.1	0.2	0.5	0.6	1	0	1	0	3	2	5	0.2	0.4		
IX SOFT TISSUE SARCOMA	13	41	16	28	58	98	156	9.4	10.9	1.1	1.2	11	16	24	38	43	89	132	8.5	9.4		
a. Rhabdomyosarcoma	7	32	9	10	11	58	69	5.7	5.1	1.6	1.6	6	12	11	8	6	37	43	3.7	3.3		
b. Fibrosarcoma	2	1	0	4	7	7	14	0.6	0.9	0.5	0.6	2	2	4	7	10	15	25	1.4	1.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	2	5	6	10	32	23	55	2.1	3.6	0.8	1.1	1	2	7	20	22	30	52	2.7	3.5		
e. Unspecified	2	3	1	4	8	10	18	0.9	1.2	1.4	1.5	2	0	2	3	5	7	12	0.7	0.8		
X GERM CELL TUMOURS	10	17	6	28	213	61	274	5.6	17.7	1.2	2.8	7	9	9	27	47	52	99	4.9	6.9		
a. CNS germ cell ‡	0	1	3	12	14	16	30	1.3	1.9	1.3	2.0	1	2	5	4	3	12	15	1.1	1.1		
b. Other extragonadal	3	4	1	1	1	9	10	0.9	0.8	0.9	0.8	5	5	0	0	2	10	12	1.1	1.0		
c. Gonadal germ cell	7	11	2	14	189	34	223	3.2	14.3	1.5	4.2	1	2	3	16	31	22	53	2.0	3.6		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	6	11	6	17	0.5	1.1		
e. Unspecified gonadal	0	1	0	1	9	2	11	0.2	0.7	1.0	5.5	0	0	1	1	0	2	2	0.2	0.1		
XI CARCINOMA & MELANOMA	0	3	4	32	105	39	144	3.3	9.1	0.8	0.6	0	4	11	37	196	52	248	4.6	16.5		
a. Adrenocortical	0	2	1	0	1	3	4	0.3	0.3	3.0	4.0	0	0	0	1	0	1	1	0.1	0.1		
b. Thyroid	0	0	0	5	13	5	18	0.4	1.1	0.3	0.3	0	0	4	12	56	16	72	1.4	4.8		
c. Nasopharyngeal	0	0	0	0	4	0	4	-	0.3	0.0	4.0	0	0	1	0	0	1	1	0.1	0.1		
d. Melanoma	0	0	1	10	40	11	51	0.9	3.2	1.0	0.5	0	2	4	5	85	11	96	1.0	6.4		
e. Skin carcinoma	0	0	0	0	3	0	3	-	0.2	-	0.8	0	0	0	0	4	0	4	-	0.3		
f. Other & unspecified	0	1	2	17	44	20	64	1.7	4.0	0.9	0.9	0	2	2	19	51	23	74	2.0	4.9		
XII OTHER & UNSPECIFIED	3	2	4	0	5	9	14	0.9	1.0	1.5	1.2	2	2	0	2	6	6	12	0.6	0.9		
a. Other specified	1	1	0	0	0	2	2	0.2	0.2	-	0.7	0	0	0	0	3	0	3	-	0.2		
b. Other unspecified	2	1	4	0	5	7	12	0.7	0.8	1.2	1.3	2	2	0	2	3	6	9	0.6	0.7		
TOTAL	209	647	450	536	920	1842	2762	173.7	192.1	1.2	1.2	167	584	390	427	760	1568	2328	156.2	171.1		

† includes 373 non-malignant in males and 336 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

NORWAY (1990-2013)

	Age group	Males	Females
Person-years	0	730 442	692 187
	1-4	2 944 874	2 799 643
	5-9	3 623 807	3 446 252
	10-14	3 581 233	3 399 809
	15-19	3 597 362	3 417 583
Total	0-14	10 880 356	10 337 891
	0-19	14 477 718	13 755 474
Average annual population	0-14	453 348	430 745
	0-19	603 238	573 145

Please consult the quality indicators for this registry