

RUSSIAN-FEDERATION, 2 registries (1998-2015)

	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	30	218	144	99	95	491	586	31.8	100.0	25.6	100.0	37.7	74.3	40.2	24.2	18.7	45.7	39.7	655	748	98.6	1.4
a. Lymphoid	17	188	128	68	49	401	450	26.0	81.7	19.7	76.8	21.4	64.1	35.7	16.6	9.6	37.6	31.3	537	585	98.9	1.1
b. Acute myeloid	8	26	16	28	32	78	110	5.0	15.9	4.8	18.8	10.1	8.9	4.5	6.8	6.3	7.0	6.8	102	134	98.2	1.8
c. CMD	1	0	0	2	7	3	10	0.2	0.6	0.4	1.7	1.3	-	-	0.5	1.4	0.2	0.5	4	11	100.0	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	4	4	0	1	7	9	16	0.6	1.8	0.7	2.7	5.0	1.4	-	0.2	1.4	0.9	1.0	12	19	93.8	6.3
II LYMPHOMA & RELATED	10	41	57	112	235	220	455	14.2	100.0	19.9	100.0	12.6	14.0	15.9	27.4	46.2	18.4	24.6	285	516	99.1	0.4
a. Hodgkin	0	11	14	54	185	79	264	5.1	35.9	11.6	58.0	-	3.7	3.9	13.2	36.4	6.2	13.0	100	282	100.0	0.0
b. Non-Hodgkin except BL	2	20	28	45	41	95	136	6.1	43.2	6.0	29.9	2.5	6.8	7.8	11.0	8.1	8.0	8.0	124	164	98.5	1.5
c. Burkitt (BL)	0	0	3	0	0	3	3	0.2	1.4	0.1	0.7	-	-	0.8	-	-	0.3	0.2	4	4	100.0	0.0
d. Lymphoreticular	8	7	9	12	6	36	42	2.3	16.4	1.8	9.2	10.1	2.4	2.5	2.9	1.2	3.2	2.8	47	53	95.2	0.0
e. Unspecified	0	3	3	1	3	7	10	0.5	3.2	0.4	2.2	-	1.0	0.8	0.2	0.6	0.7	0.6	9	12	100.0	0.0
III CNS NEOPLASMS †	24	102	91	77	58	294	352	19.0	100.0	15.4	100.0	30.2	34.8	25.4	18.8	11.4	26.7	23.3	390	447	96.6	2.6
a. Ependymoma	3	16	7	3	5	29	34	1.9	9.9	1.5	9.7	3.8	5.5	2.0	0.7	1.0	2.8	2.4	39	44	100.0	0.0
b. Astrocytoma	9	40	27	31	26	107	133	6.9	36.4	5.8	37.8	11.3	13.6	7.5	7.6	5.1	9.7	8.7	141	167	99.2	0.0
c. CNS embryonal	6	26	32	19	14	83	97	5.4	28.2	4.2	27.6	7.5	8.9	8.9	4.6	2.8	7.6	6.5	111	125	99.0	1.0
d. Other gliomas	3	13	11	10	7	37	44	2.4	12.6	1.9	12.5	3.8	4.4	3.1	2.4	1.4	3.4	2.9	49	56	88.6	9.1
e. Other specified	2	1	5	2	0	10	10	0.6	3.4	0.4	2.8	2.5	0.3	1.4	0.5	-	0.9	0.7	13	13	90.0	10.0
f. Unspecified CNS	1	6	9	12	6	28	34	1.8	9.5	1.5	9.7	1.3	2.0	2.5	2.9	1.2	2.4	2.1	37	43	88.2	8.8
IV NEUROBLASTOMA	51	33	7	4	6	95	101	6.1	100.0	4.4	100.0	64.1	11.2	2.0	1.0	1.2	9.6	7.7	127	133	100.0	0.0
a. (Ganglio)neuroblastoma	51	31	7	2	5	91	96	5.9	95.8	4.2	95.0	64.1	10.6	2.0	0.5	1.0	9.3	7.4	122	127	100.0	0.0
b. Peripheral nervous	0	2	0	2	1	4	5	0.3	4.2	0.2	5.0	-	0.7	-	0.5	0.2	0.3	0.3	5	6	100.0	0.0
V RETINOBLASTOMA	12	29	0	1	1	42	43	2.7	100.0	1.9	100.0	15.1	9.9	-	0.2	0.2	4.3	3.4	56	57	100.0	0.0
VI RENAL TUMOURS	26	50	20	11	8	107	115	6.9	100.0	5.0	100.0	32.7	17.0	5.6	2.7	1.6	10.5	8.5	143	151	100.0	0.0
a. Nephroblastoma	26	50	20	11	4	107	111	6.9	100.0	4.9	96.5	32.7	17.0	5.6	2.7	0.8	10.5	8.3	143	147	100.0	0.0
b. Renal carcinoma	0	0	0	0	4	0	4	-	-	0.2	3.5	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	6	10	2	0	4	18	22	1.2	100.0	1.0	100.0	7.5	3.4	0.6	-	0.8	1.8	1.6	24	28	100.0	0.0
a. Hepatoblastoma	5	8	2	0	1	15	16	1.0	83.3	0.7	72.7	6.3	2.7	0.6	-	0.2	1.5	1.2	20	21	100.0	0.0
b. Hepatic carcinoma	1	2	0	0	2	3	5	0.2	16.7	0.2	22.7	1.3	0.7	-	-	0.4	0.3	0.3	4	6	100.0	0.0
c. Unspecified	0	0	0	0	1	0	1	-	-	0.0	4.5	-	-	-	-	0.2	-	0.0	-	1	100.0	0.0
VIII BONE TUMOURS	2	2	13	45	53	62	115	4.0	100.0	5.0	100.0	2.5	0.7	3.6	11.0	10.4	4.8	6.0	79	131	100.0	0.0
a. Osteosarcoma	1	2	7	20	26	30	56	1.9	48.4	2.5	48.7	1.3	0.7	2.0	4.9	5.1	2.4	3.0	38	64	100.0	0.0
b. Chondrosarcoma	0	0	1	6	10	7	17	0.5	11.3	0.7	14.8	-	-	0.3	1.5	2.0	0.5	0.8	9	19	100.0	0.0
c. Ewing & related	1	0	1	11	10	13	23	0.8	21.0	1.0	20.0	1.3	-	0.3	2.7	2.0	1.0	1.2	16	26	100.0	0.0
d. Other specified	0	0	1	4	4	5	9	0.3	8.1	0.4	7.8	-	-	0.3	1.0	0.8	0.4	0.5	6	10	100.0	0.0
e. Unspecified	0	0	3	4	3	7	10	0.5	11.3	0.4	8.7	-	-	0.8	1.0	0.6	0.6	0.6	9	12	100.0	0.0
IX SOFT TISSUE SARCOMA	10	34	21	20	55	85	140	5.5	100.0	6.1	100.0	12.6	11.6	5.9	4.9	10.8	7.9	8.5	113	167	100.0	0.0
a. Rhabdomyosarcoma	4	17	9	5	10	35	45	2.3	41.2	2.0	32.1	5.0	5.8	2.5	1.2	2.0	3.3	3.0	47	57	100.0	0.0
b. Fibrosarcoma	2	7	7	4	10	20	30	1.3	23.5	1.3	21.4	2.5	2.4	2.0	1.0	2.0	1.8	1.9	27	37	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	2	3	2	7	25	14	39	0.9	16.5	1.7	27.9	2.5	1.0	0.6	1.7	4.9	1.2	2.0	18	43	100.0	0.0
e. Unspecified	2	7	3	4	10	16	26	1.0	18.8	1.1	18.6	2.5	2.4	0.8	1.0	2.0	1.5	1.6	21	31	100.0	0.0
X GERM CELL TUMOURS	6	10	9	19	61	44	105	2.8	100.0	4.6	100.0	7.5	3.4	2.5	4.6	12.0	3.8	5.7	57	117	100.0	0.0
a. CNS germ cell	0	1	1	2	3	4	7	0.3	9.1	0.3	6.7	-	0.3	0.3	0.5	0.6	0.3	0.4	5	8	100.0	0.0
b. Other extragonadal	3	5	2	1	11	12	12	0.7	25.0	0.5	11.4	3.8	1.7	0.6	0.2	0.2	1.1	0.9	15	16	100.0	0.0
c. Gonadal germ cell	2	4	3	13	51	22	73	1.4	50.0	3.2	69.5	2.5	1.4	0.8	3.2	10.0	1.8	3.7	28	78	100.0	0.0
d. Gonadal carcinoma	0	0	2	3	5	5	10	0.3	11.4	0.4	9.5	-	-	0.6	0.7	1.0	0.4	0.5	6	11	100.0	0.0
e. Unspecified gonadal	1	0	1	0	1	2	3	0.1	4.5	0.1	2.9	1.3	-	0.3	-	0.2	0.2	0.2	3	4	100.0	0.0
XI CARCINOMA & MELANOMA	12	13	12	39	161	76	237	4.9	100.0	10.4	100.0	15.1	4.4	3.4	9.5	31.7	6.4	12.1	98	256	99.2	0.8
a. Adrenocortical	10	5	1	0	2	16	18	1.0	21.1	0.8	7.6	12.6	1.7	0.3	-	0.4	1.6	1.4	22	23	100.0	0.0
b. Thyroid	1	0	2	16	47	19	66	1.2	25.0	2.9	27.8	1.3	-	0.6	3.9	9.2	1.4	3.2	24	70	100.0	0.0
c. Nasopharyngeal	0	0	1	0	2	1	3	0.1	1.3	0.1	1.3	-	-	0.3	-	0.4	0.1	0.2	1	3	100.0	0.0
d. Melanoma	1	4	1	5	28	11	39	0.7	14.5	1.7	16.5	1.3	1.4	0.3	1.2	5.5	1.0	2.0	14	42	97.4	2.6
e. Skin carcinoma	0	0	2	2	28	4	32	0.3	5.3	1.4	13.5	-	-	0.6	0.5	5.5	0.3	1.5	5	33	100.0	0.0
f. Other & unspecified	0	4	5	16	54	25	79	1.6	32.9	3.5	33.3	-	1.4	1.4	3.9	10.6	2.0	3.9	32	85	98.7	1.3
XII OTHER & UNSPECIFIED	2	7	0	2	3	11	14	0.7	100.0	0.6	100.0	2.5	2.4	-	0.5	0.6	1.1	1.0	15	17	92.9	7.1
a. Other specified	0	0	0	2	3	2	5	0.1	18.2	0.2	35.7	-	-	-	0.5	0.6	0.1	0.2	2	5	100.0	0.0
b. Other unspecified	2	7	0	0	0	9	9	0.6	81.8	0.4	64.3	2.5	2.4	-	-	-	0.9	0.7	12	12	88.9	11.1
TOTAL	191	549	376	429	740	1545	2285	100.0	100.0	100.0	100.0	240.2	187.1	105.0	104.9	145.5	141.1	142.1	2042	2769	98.8	1.0

† includes 9 non-malignant

Please consult the quality indicators for the constituent registries

RUSSIAN-FEDERATION, 2 registries (1998-2015)

	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		
I LEUKAEMIA	15	111	75	53	55	254	309	45.9	40.4	1.1	1.1	15	107	69	46	40	237	277	45.5	38.9		
a. Lymphoid	8	96	65	43	31	212	243	38.4	32.4	1.1	1.2	9	92	63	25	18	189	207	36.9	30.2		
b. Acute myeloid	5	14	10	7	16	36	52	6.6	6.5	0.9	0.9	3	12	6	21	16	42	58	7.4	7.2		
c. CMD	1	0	0	2	6	3	9	0.5	0.9	-	9.0	0	0	0	0	1	0	1	-	0.1		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	1	0	1	2	3	5	0.5	0.6	0.5	0.5	3	3	0	0	5	6	11	1.3	1.4		
II LYMPHOMA & RELATED	6	25	36	65	112	132	244	21.6	26.5	1.5	1.2	4	16	21	47	123	88	211	15.0	22.7		
a. Hodgkin	0	8	10	24	78	42	120	6.7	12.0	1.1	0.8	0	3	4	30	107	37	144	5.7	14.1		
b. Non-Hodgkin except BL	2	12	17	32	28	63	91	10.2	10.4	2.0	2.0	0	8	11	13	13	32	45	5.6	5.5		
c. Burkitt (BL)	0	0	2	0	0	2	2	0.4	0.3	2.0	2.0	0	0	1	0	0	1	1	0.2	0.1		
d. Lymphoreticular	4	2	4	8	5	18	23	3.0	2.8	1.0	1.2	4	5	5	4	1	18	19	3.4	2.7		
e. Unspecified	0	3	3	1	1	7	8	1.3	1.1	-	4.0	0	0	0	0	2	0	2	-	0.2		
III CNS NEOPLASMS †	11	58	41	35	34	145	179	26.0	23.1	1.0	1.0	13	44	50	42	24	149	173	27.5	23.5		
a. Ependymoma	3	9	2	1	4	15	19	2.9	2.6	1.1	1.3	0	7	5	2	1	14	15	2.7	2.2		
b. Astrocytoma	3	24	13	16	14	56	70	9.9	8.9	1.1	1.1	6	16	14	15	12	51	63	9.5	8.4		
c. CNS embryonal	2	14	13	9	9	38	47	6.8	6.0	0.8	0.9	4	12	19	10	5	45	50	8.4	7.0		
d. Other gliomas	2	7	5	2	4	16	20	3.0	2.7	0.8	0.8	1	6	6	8	3	21	24	3.8	3.2		
e. Other specified	1	0	3	2	0	6	6	1.0	0.8	1.5	1.5	1	1	2	0	0	4	4	0.8	0.6		
f. Unspecified CNS	0	4	5	5	3	14	17	2.4	2.1	1.0	1.0	1	2	4	7	3	14	17	2.4	2.1		
IV NEUROBLASTOMA	22	13	1	1	1	37	38	7.4	5.8	0.6	0.6	29	20	6	3	5	58	63	12.0	9.8		
a. (Ganglio)neuroblastoma	22	11	1	0	1	34	35	6.8	5.4	0.6	0.6	29	20	6	2	4	57	61	11.9	9.6		
b. Peripheral nervous	0	2	0	1	0	3	3	0.5	0.4	3.0	1.5	0	0	0	1	1	1	2	0.1	0.2		
V RETINOBLASTOMA	5	18	0	1	0	24	24	4.8	3.7	1.3	1.3	7	11	0	0	1	18	19	3.8	3.1		
VI RENAL TUMOURS	14	21	10	5	4	50	54	9.5	7.7	0.9	0.9	12	29	10	6	4	57	61	11.5	9.3		
a. Nephroblastoma	14	21	10	5	3	50	53	9.5	7.6	0.9	0.9	12	29	10	6	1	57	58	11.5	9.0		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.1	-	0.3	0	0	0	0	3	0	3	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	5	6	1	0	1	12	13	2.4	1.9	2.0	1.4	1	4	1	0	3	6	9	1.3	1.2		
a. Hepatoblastoma	5	5	1	0	0	11	11	2.2	1.7	2.8	2.2	0	3	1	0	1	4	5	0.8	0.7		
b. Hepatic carcinoma	0	1	0	0	1	1	2	0.2	0.2	0.5	0.7	1	1	0	0	1	2	3	0.4	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
VIII BONE TUMOURS	1	2	7	23	30	33	63	5.0	6.5	1.1	1.2	1	0	6	22	23	29	52	4.5	5.6		
a. Osteosarcoma	0	2	5	9	15	16	31	2.5	3.3	1.1	1.2	1	0	2	11	11	14	25	2.2	2.7		
b. Chondrosarcoma	0	0	0	4	7	4	11	0.6	1.0	1.3	1.8	0	0	1	2	3	3	6	0.5	0.6		
c. Ewing & related	1	0	0	4	4	5	9	0.8	0.9	0.6	0.6	0	0	1	7	6	8	14	1.2	1.5		
d. Other specified	0	0	0	3	2	3	5	0.4	0.5	1.5	1.3	0	0	1	1	2	2	4	0.3	0.4		
e. Unspecified	0	0	2	3	2	5	7	0.8	0.8	2.5	2.3	0	0	1	1	1	2	3	0.3	0.3		
IX SOFT TISSUE SARCOMA	2	20	10	9	34	41	75	7.4	8.7	0.9	1.2	8	14	11	11	21	44	65	8.3	8.3		
a. Rhabdomyosarcoma	1	10	5	3	4	19	23	3.5	3.1	1.2	1.0	3	7	4	2	6	16	22	3.2	3.0		
b. Fibrosarcoma	1	5	3	1	8	10	18	1.9	2.2	1.0	1.5	1	2	4	3	2	10	12	1.8	1.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	0	4	18	6	24	1.0	2.3	0.8	1.6	2	1	2	3	7	8	15	1.4	1.8		
e. Unspecified	0	3	2	1	4	6	10	1.1	1.2	0.6	0.6	2	4	1	3	6	10	16	1.9	2.0		
X GERM CELL TUMOURS	5	3	3	4	25	15	40	2.7	4.3	0.5	0.6	1	7	6	15	36	29	65	5.0	7.1		
a. CNS germ cell	0	1	1	2	3	4	7	0.7	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	2	0	0	0	0	2	2	0.4	0.3	0.2	0.2	1	5	2	1	1	9	10	1.8	1.5		
c. Gonadal germ cell	2	2	1	2	22	7	29	1.3	2.9	0.5	0.7	0	2	2	11	29	15	44	2.4	4.5		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	2	3	5	5	10	0.8	1.1		
e. Unspecified gonadal	1	0	1	0	0	2	2	0.4	0.3	-	2.0	0	0	0	0	1	0	1	-	0.1		
XI CARCINOMA & MELANOMA	6	3	6	13	83	28	111	4.7	10.9	0.6	0.9	6	10	6	26	78	48	126	8.3	13.4		
a. Adrenocortical	5	1	1	0	1	7	8	1.4	1.2	0.8	0.8	5	4	0	0	1	9	10	1.9	1.6		
b. Thyroid	0	0	1	3	13	4	17	0.6	1.6	0.3	0.3	1	0	1	13	34	15	49	2.3	4.8		
c. Nasopharyngeal	0	0	1	0	1	1	2	0.2	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1		
d. Melanoma	1	0	1	0	17	2	19	0.4	1.8	0.2	0.9	0	4	0	5	11	9	20	1.6	2.2		
e. Skin carcinoma	0	0	0	1	25	1	26	0.1	2.3	0.3	4.3	0	0	2	1	3	3	6	0.5	0.7		
f. Other & unspecified	0	2	2	9	26	13	39	2.0	3.8	1.1	1.0	0	2	3	7	28	12	40	2.0	4.1		
XII OTHER & UNSPECIFIED	1	5	0	1	1	7	8	1.3	1.1	1.8	1.3	1	2	0	1	2	4	6	0.8	0.8		
a. Other specified	0	0	0	1	1	1	2	0.1	0.2	1.0	0.7	0	0	0	1	2	1	3	0.1	0.3		
b. Other unspecified	1	5	0	0	0	6	6	1.2	0.9	2.0	2.0	1	2	0	0	0	3	3	0.6	0.5		
TOTAL	93	285	190	210	380	778	1158	138.7	140.7	1.0	1.0	98	264	186	219	360	767	1127	143.6	143.7		

† includes 4 non-malignant in males and 5 non-malignant in females

Please consult the quality indicators for the constituent registries

RUSSIAN-FEDERATION, 2 registries (1998-2015)

	Age group	Males	Females
Person-years	0	409 062	386 047
	1-4	1 508 387	1 425 364
	5-9	1 837 951	1 744 030
	10-14	2 096 360	1 994 080
	15-19	2 579 398	2 505 873
Total	0-14	5 851 760	5 549 521
	0-19	8 431 158	8 055 394
Average annual population	0-14	325 098	308 307
	0-19	468 398	447 522

Please consult the quality indicators for the constituent registries

RUSSIAN-FEDERATION, 2 registries (1998-2015)

Registry	Period	Cases	%	Person-years	%
Chelyabinsk	2008-2012	539	23.6	3 767 369	22.9
Samara	1998-2015	1746	76.4	12 719 183	77.1
RUSSIAN FEDERATION	1998-2015	2285	100.0	16 486 552	100.0

Please consult the quality indicators for the constituent registries

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