

RUSSIAN-FEDERATION, Chelyabinsk (2008-2012)

	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	0-19			0-14	0-19	
I LEUKAEMIA	7	61	51	23	15	142	157	36.0	100.0	29.1	100.0	31.7	78.2	59.6	28.3	13.6	53.8	44.7	779	848	98.7	1.3	
a. Lymphoid	3	49	45	16	8	113	121	28.7	79.6	22.4	77.1	13.6	62.8	52.6	19.7	7.3	42.8	34.8	621	658	99.2	0.8	
b. Acute myeloid	2	11	6	7	5	26	31	6.6	18.3	5.8	19.7	9.1	14.1	7.0	8.6	4.5	9.8	8.6	143	166	100.0	0.0	
c. CMD	1	0	0	0	2	1	3	0.3	0.7	0.6	1.9	4.5	-	-	-	1.8	0.4	0.7	5	14	100.0	0.0	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	1	1	0	0	0	2	2	0.5	1.4	0.4	1.3	4.5	1.3	-	-	-	0.8	0.6	10	10	50.0	50.0	
II LYMPHOMA & RELATED	3	10	14	24	46	51	97	12.9	100.0	18.0	100.0	13.6	12.8	16.4	29.6	41.8	18.9	24.1	295	504	97.9	2.1	
a. Hodgkin	0	4	3	14	40	21	61	5.3	41.2	11.3	62.9	-	5.1	3.5	17.2	36.4	7.7	14.1	124	306	100.0	0.0	
b. Non-Hodgkin except BL	1	4	4	10	6	19	25	4.8	37.3	4.6	25.8	4.5	5.1	4.7	12.3	5.5	7.0	6.7	110	137	92.0	8.0	
c. Burkitt (BL)	0	0	2	0	0	2	2	0.5	3.9	0.4	2.1	-	-	2.3	-	-	0.8	0.6	12	12	100.0	0.0	
d. Lymphoreticular	2	2	3	0	0	7	7	1.8	13.7	1.3	7.2	9.1	2.6	3.5	-	-	2.7	2.1	38	38	100.0	0.0	
e. Unspecified	0	0	2	0	0	2	2	0.5	3.9	0.4	2.1	-	-	2.3	-	-	0.8	0.6	12	12	100.0	0.0	
III CNS NEOPLASMS †	3	25	23	28	15	79	94	20.1	100.0	17.4	100.0	13.6	32.0	26.9	34.5	13.6	29.5	25.9	447	515	96.8	3.2	
a. Ependymoma	0	7	1	0	1	8	9	2.0	10.1	1.7	9.6	-	9.0	1.2	-	0.9	3.1	2.6	41	45	100.0	0.0	
b. Astrocytoma	1	6	3	10	2	20	22	5.1	25.3	4.1	23.4	4.5	7.7	3.5	12.3	1.8	7.4	6.2	114	123	100.0	0.0	
c. CNS embryonal	0	2	6	4	4	12	16	3.0	15.2	3.0	17.0	-	2.6	7.0	4.9	3.6	4.5	4.3	70	88	100.0	0.0	
d. Other gliomas	1	4	4	3	2	12	14	3.0	15.2	2.6	14.9	4.5	5.1	4.7	3.7	1.8	4.5	3.9	67	76	100.0	0.0	
e. Other specified	0	0	0	1	0	1	1	0.3	1.3	0.2	1.1	-	-	-	1.2	-	0.4	0.3	6	6	100.0	0.0	
f. Unspecified CNS	1	6	9	10	6	26	32	6.6	32.9	5.9	34.0	4.5	7.7	10.5	12.3	5.5	9.7	8.7	149	176	90.6	9.4	
IV NEUROBLASTOMA	8	6	3	0	0	17	17	4.3	100.0	3.2	100.0	36.2	7.7	3.5	-	-	6.5	5.1	87	87	100.0	0.0	
a. (Ganglio)neuroblastoma	8	6	3	0	0	17	17	4.3	100.0	3.2	100.0	36.2	7.7	3.5	-	-	6.5	5.1	87	87	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	2	10	0	0	0	12	12	3.0	100.0	2.2	100.0	9.1	12.8	-	-	-	4.6	3.6	60	60	100.0	0.0	
VI RENAL TUMOURS	7	17	4	1	0	29	29	7.4	100.0	5.4	100.0	31.7	21.8	4.7	1.2	-	11.1	8.6	149	149	100.0	0.0	
a. Nephroblastoma	7	17	4	1	0	29	29	7.4	100.0	5.4	100.0	31.7	21.8	4.7	1.2	-	11.1	8.6	149	149	100.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	2	0	0	2	3	5	0.8	100.0	0.9	100.0	4.5	2.6	-	-	1.8	1.2	1.3	15	24	100.0	0.0	
a. Hepatoblastoma	1	2	0	0	0	3	3	0.8	100.0	0.6	60.0	4.5	2.6	-	-	-	1.2	0.9	15	15	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	20.0	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
c. Unspecified	0	0	0	0	1	0	1	-	-	0.2	20.0	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
VIII BONE TUMOURS	1	2	1	14	11	18	29	4.6	100.0	5.4	100.0	4.5	2.6	1.2	17.2	10.0	6.5	7.3	107	157	100.0	0.0	
a. Osteosarcoma	1	2	1	8	7	12	19	3.0	66.7	3.5	65.5	4.5	2.6	1.2	9.9	6.4	4.4	4.8	70	102	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.2	3.4	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
c. Ewing & related	0	0	0	5	2	5	7	1.3	27.8	1.3	24.1	-	-	-	6.2	1.8	1.8	1.8	31	40	100.0	0.0	
d. Other specified	0	0	0	1	1	1	2	0.3	5.6	0.4	6.9	-	-	-	1.2	0.9	0.4	0.5	6	11	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	2	9	4	4	12	19	31	4.8	100.0	5.8	100.0	9.1	11.5	4.7	4.9	10.9	7.2	8.0	103	158	100.0	0.0	
a. Rhabdomyosarcoma	1	7	2	3	2	13	15	3.3	68.4	2.8	48.4	4.5	9.0	2.3	3.7	1.8	4.9	4.2	70	79	100.0	0.0	
b. Fibrosarcoma	0	1	1	0	1	2	3	0.5	10.5	0.6	9.7	-	1.3	1.2	-	0.9	0.8	0.8	11	15	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	1	0	0	8	2	10	0.5	10.5	1.9	32.3	4.5	1.3	-	-	7.3	0.8	2.2	10	46	100.0	0.0	
e. Unspecified	0	0	1	1	1	2	3	0.5	10.5	0.6	9.7	-	-	1.2	1.2	0.9	0.7	0.8	12	17	100.0	0.0	
X GERM CELL TUMOURS	3	2	2	4	13	11	24	2.8	100.0	4.5	100.0	13.6	2.6	2.3	4.9	11.8	4.1	5.9	61	120	100.0	0.0	
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other extragonadal	2	2	2	1	0	7	7	1.8	63.6	1.3	29.2	9.1	2.6	2.3	1.2	-	2.7	2.1	38	38	100.0	0.0	
c. Gonadal germ cell	1	0	0	3	9	4	13	1.0	36.4	2.4	54.2	4.5	-	-	3.7	8.2	1.5	3.0	23	64	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.6	12.5	-	-	-	-	2.7	-	0.6	-	14	14	100.0	0.0
e. Unspecified gonadal	0	0	0	1	0	1	1	-	-	0.2	4.2	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
XI CARCINOMA & MELANOMA	0	2	1	8	31	11	42	2.8	100.0	7.8	100.0	-	2.6	1.2	9.9	28.2	4.0	9.5	65	206	100.0	0.0	
a. Adrenocortical	0	1	0	0	1	1	2	0.3	9.1	0.4	4.8	-	1.3	-	-	0.9	0.4	0.5	5	10	100.0	0.0	
b. Thyroid	0	0	0	4	9	4	13	1.0	36.4	2.4	31.0	-	-	-	4.9	8.2	1.4	3.0	25	66	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.2	2.4	-	-	-	0.9	-	-	0.2	-	5	5	100.0	0.0
d. Melanoma	0	1	0	2	3	3	6	0.8	27.3	1.1	14.3	-	1.3	-	2.5	2.7	1.1	1.5	17	31	100.0	0.0	
e. Skin carcinoma	0	0	0	1	4	1	5	0.3	9.1	0.9	11.9	-	-	-	1.2	3.6	0.4	1.1	6	24	100.0	0.0	
f. Other & unspecified	0	0	1	1	13	2	15	0.5	18.2	2.8	35.7	-	-	1.2	1.2	11.8	0.7	3.2	12	71	100.0	0.0	
XII OTHER & UNSPECIFIED	0	1	0	1	0	2	2	0.5	100.0	0.4	100.0	-	1.3	-	1.2	-	0.7	0.6	11	11	50.0	50.0	
a. Other specified	0	0	0	1	0	1	1	0.3	50.0	0.2	50.0	-	-	-	-	-	0.4	0.3	6	6	100.0	0.0	
b. Other unspecified	0	1	0	0	0	1	1	0.3	50.0	0.2	50.0	-	1.3	-	-	-	0.4	0.3	5	5	0.0	100.0	
TOTAL	37	147	103	107	145	394	539	100.0	100.0	100.0	100.0	167.6	188.4	120.4	131.8	131.9	148.3	144.6	2180	2840	98.5	1.5	

† includes 5 non-malignant

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	Males										M/F ratio		Females									
			Number of cases in age groups					ASR per million						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	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	3	30	28	11	9	72	81	53.2	44.9	1.0	1.1	4	31	23	12	6	70	76	54.3	44.6		
a. Lymphoid	1	24	24	9	5	58	63	42.8	35.2	1.1	1.1	2	25	21	7	3	55	58	42.8	34.4		
b. Acute myeloid	1	5	4	2	3	12	15	8.9	8.1	0.9	0.9	1	6	2	5	2	14	16	10.8	9.2		
c. CMD	1	0	0	0	1	1	2	0.8	1.0	-	2.0	0	0	0	0	1	0	1	-	0.4		
d. MDS & other	0	0	0	0	0	0	0	-	-	0	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	1	0	0	0	1	1	0.8	0.6	1.0	1.0	1	0	0	0	0	1	1	0.8	0.6		
II LYMPHOMA & RELATED	2	5	9	12	21	28	49	20.3	24.3	1.2	1.0	1	5	5	12	25	23	48	17.4	23.8		
a. Hodgkin	0	2	2	6	18	10	28	7.2	12.9	0.9	0.8	0	2	1	8	22	11	33	8.2	15.4		
b. Non-Hodgkin except BL	1	2	3	6	3	12	15	8.7	7.9	1.7	1.5	0	2	1	4	3	7	10	5.3	5.3		
c. Burkitt (BL)	0	0	2	0	0	2	2	1.5	1.1	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	1	1	0	0	0	2	2	1.5	1.2	0.4	0.4	1	1	3	0	0	5	5	3.9	3.0		
e. Unspecified	0	0	2	0	0	2	2	1.5	1.1	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	1	15	12	14	10	42	52	30.7	27.9	1.1	1.2	2	10	11	14	5	37	42	28.3	24.0		
a. Ependymoma	0	4	0	0	1	4	5	3.0	2.7	1.0	1.3	0	3	1	0	0	4	4	3.2	2.4		
b. Astrocytoma	0	3	3	6	2	12	14	8.7	7.5	1.5	1.8	1	3	0	4	0	8	8	6.1	4.7		
c. CNS embryonal	0	1	3	2	2	6	8	4.4	4.2	1.0	1.0	0	1	3	2	2	6	8	4.6	4.4		
d. Other gliomas	1	3	1	1	2	6	8	4.5	4.3	1.0	1.3	0	1	3	2	0	6	6	4.6	3.5		
e. Other specified	0	0	0	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	4	5	4	3	13	16	9.5	8.6	1.0	1.0	1	2	4	6	3	13	16	9.9	8.9		
IV NEUROBLASTOMA	6	3	0	0	0	9	9	6.8	5.3	1.1	1.1	2	3	3	0	0	8	8	6.3	4.9		
a. (Ganglio)neuroblastoma	6	3	0	0	0	9	9	6.8	5.3	1.1	1.1	2	3	3	0	0	8	8	6.3	4.9		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	1	6	0	0	0	7	7	5.3	4.1	1.4	1.4	1	4	0	0	0	5	5	4.0	3.1		
VI RENAL TUMOURS	5	10	3	1	0	19	19	14.2	11.0	1.9	1.9	2	7	1	0	0	10	10	7.9	6.1		
a. Nephroblastoma	5	10	3	1	0	19	19	14.2	11.0	1.9	1.9	2	7	1	0	0	10	10	7.9	6.1		
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	1	2	0	0	0	3	3	2.3	1.8	-	1.5	0	0	0	0	2	0	2	-	0.8		
a. Hepatoblastoma	1	2	0	0	0	3	3	2.3	1.8	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
VIII BONE TUMOURS	0	2	0	7	5	9	14	6.4	7.0	1.0	0.9	1	0	1	7	6	9	15	6.7	7.7		
a. Osteosarcoma	0	2	0	4	4	6	10	4.3	5.0	1.0	1.1	1	0	1	4	3	6	9	4.5	4.7		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	2	0	2	2	1.4	1.1	0.7	0.4	0	0	0	3	2	3	5	2.2	2.5		
d. Other specified	0	0	0	1	0	1	1	0.7	0.5	-	1.0	0	0	0	0	1	0	1	-	0.4		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	0	6	2	3	9	11	20	8.1	9.9	1.4	1.8	2	3	2	1	3	8	11	6.2	6.1		
a. Rhabdomyosarcoma	0	5	1	2	2	8	10	5.9	5.4	1.6	2.0	1	2	1	1	0	5	5	3.9	3.0		
b. Fibrosarcoma	0	1	0	0	1	1	2	0.8	1.0	1.0	2.0	0	0	1	0	0	1	1	0.8	0.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	5	0	5	-	2.0	0.0	1.0	1	1	0	0	3	2	5	1.6	2.5		
e. Unspecified	0	0	1	1	1	2	3	1.4	1.5	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	3	0	0	0	3	3	6	2.3	3.0	0.4	0.3	0	2	2	4	10	8	18	6.1	8.8		
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	2	0	0	0	0	2	2	1.5	1.2	0.4	0.4	0	2	2	1	0	5	5	3.9	3.0		
c. Gonadal germ cell	1	0	0	0	3	1	4	0.8	1.8	0.3	0.4	0	0	0	3	6	3	9	2.2	4.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	1.2		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
XI CARCINOMA & MELANOMA	0	0	1	1	17	2	19	1.4	8.0	0.2	0.8	0	2	0	7	14	9	23	6.7	11.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.8	1.0		
b. Thyroid	0	0	0	0	4	0	4	-	1.6	0.0	0.4	0	0	0	4	5	4	9	2.9	4.3		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	2	0	2	-	0.8	0.0	0.5	0	1	0	2	1	3	4	2.3	2.2		
e. Skin carcinoma	0	0	0	0	3	0	3	-	1.2	0.0	1.5	0	0	0	1	1	1	2	0.7	1.0		
f. Other & unspecified	0	0	1	1	7	2	9	1.4	4.0	-	1.5	0	0	0	0	6	0	6	-	2.5		
XII OTHER & UNSPECIFIED	0	1	0	1	0	2	2	1.5	1.1	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	1	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	1	0	0	0	1	1	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	22	80	55	50	74	207	281	152.4	148.3	1.1	1.1	15	67	48	57	71	187	258	143.9	140.7		

† includes 3 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

RUSSIAN-FEDERATION, Chelyabinsk (2008-2012)

	Age group	Males	Females
Person-years	0	113 400	107 308
	1-4	400 011	380 417
	5-9	437 451	417 698
	10-14	415 287	396 553
	15-19	551 787	547 457
Total	0-14	1 366 149	1 301 976
	0-19	1 917 936	1 849 433
Average annual population	0-14	273 230	260 395
	0-19	383 587	369 887

Please consult the quality indicators for this registry