

## RUSSIAN-FEDERATION, Samara (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
<b>I LEUKAEMIA</b>	23	157	93	76	80	349	429	30.3	100.0	24.6	100.0	40.0	72.9	34.1	23.2	20.1	43.3	38.1	616	717	98.6	1.4
a. Lymphoid	14	139	83	52	41	288	329	25.0	82.5	18.8	76.7	24.4	64.6	30.4	15.9	10.3	36.1	30.3	512	563	98.8	1.2
b. Acute myeloid	6	15	10	21	27	52	79	4.5	14.9	4.5	18.4	10.4	7.0	3.7	6.4	6.8	6.0	6.2	89	123	97.5	2.5
c. CMD	0	0	0	2	5	2	7	0.2	0.6	0.4	1.6	-	-	-	0.6	1.3	0.2	0.4	3	9	100.0	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	3	3	0	1	7	7	14	0.6	2.0	0.8	3.3	5.2	1.4	-	0.3	1.8	0.9	1.1	13	21	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	7	31	43	88	189	169	358	14.7	100.0	20.5	100.0	12.2	14.4	15.8	26.8	47.4	18.3	24.8	283	520	99.4	0.0
a. Hodgkin	0	7	11	40	145	58	203	5.0	34.3	11.6	56.7	-	3.3	4.0	12.2	36.4	5.8	12.7	94	276	100.0	0.0
b. Non-Hodgkin except BL	1	16	24	35	35	76	111	6.6	45.0	6.4	31.0	1.7	7.4	8.8	10.7	8.8	8.4	8.4	129	172	100.0	0.0
c. Burkitt (BL)	0	0	1	0	0	1	1	0.1	0.6	0.1	0.3	-	-	0.4	-	-	0.1	0.1	2	2	100.0	0.0
d. Lymphoreticular	6	5	6	12	6	29	35	2.5	17.2	2.0	9.8	10.4	2.3	2.2	3.7	1.5	3.3	2.9	49	57	94.3	0.0
e. Unspecified	0	3	1	1	3	5	8	0.4	3.0	0.5	2.2	-	1.4	0.4	0.3	0.8	0.6	0.7	9	13	100.0	0.0
<b>III CNS NEOPLASMS †</b>	21	77	68	49	43	215	258	18.7	100.0	14.8	100.0	36.6	35.8	24.9	14.9	10.8	26.3	22.8	379	433	96.5	2.3
a. Ependymoma	3	9	6	3	4	21	25	1.8	9.8	1.4	9.7	5.2	4.2	2.2	0.9	1.0	2.7	2.3	38	43	100.0	0.0
b. Astrocytoma	8	34	24	21	24	87	111	7.6	40.5	6.4	43.0	13.9	15.8	8.8	6.4	6.0	10.7	9.6	153	183	99.1	0.0
c. CNS embryonal	6	24	26	15	10	71	81	6.2	33.0	4.6	31.4	10.4	11.1	9.5	4.6	2.5	8.7	7.3	126	138	98.8	1.2
d. Other gliomas	2	9	7	7	5	25	30	2.2	11.6	1.7	11.6	3.5	4.2	2.6	2.1	1.3	3.0	2.6	44	50	83.3	13.3
e. Other specified	2	1	5	1	0	9	9	0.8	4.2	0.5	3.5	3.5	0.5	1.8	0.3	-	1.1	0.9	16	16	88.9	11.1
f. Unspecified CNS	0	0	0	2	0	2	2	0.2	0.9	0.1	0.8	-	-	-	0.6	-	0.2	0.1	3	3	50.0	0.0
<b>IV NEUROBLASTOMA</b>	43	27	4	4	6	78	84	6.8	100.0	4.8	100.0	74.9	12.5	1.5	1.2	1.5	10.8	8.7	142	149	100.0	0.0
a. (Ganglio)neuroblastoma	43	25	4	2	5	74	79	6.4	94.9	4.5	94.0	74.9	11.6	1.5	0.6	1.3	10.3	8.3	135	141	100.0	0.0
b. Peripheral nervous	0	2	0	2	1	4	5	0.3	5.1	0.3	6.0	-	0.9	-	0.6	0.3	0.5	0.4	7	8	100.0	0.0
<b>V RETINOBLASTOMA</b>	10	19	0	1	1	30	31	2.6	100.0	1.8	100.0	17.4	8.8	-	0.3	0.3	4.2	3.3	55	56	100.0	0.0
<b>VI RENAL TUMOURS</b>	19	33	16	10	8	78	86	6.8	100.0	4.9	100.0	33.1	15.3	5.9	3.1	2.0	10.2	8.3	140	150	100.0	0.0
a. Nephroblastoma	19	33	16	10	4	78	82	6.8	100.0	4.7	95.3	33.1	15.3	5.9	3.1	1.0	10.2	8.1	140	145	100.0	0.0
b. Renal carcinoma	0	0	0	0	4	0	4	-	-	0.2	4.7	-	-	-	-	1.0	-	0.2	-	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	5	8	2	0	2	15	17	1.3	100.0	1.0	100.0	8.7	3.7	0.7	-	0.5	2.1	1.7	27	30	100.0	0.0
a. Hepatoblastoma	4	6	2	0	1	12	13	1.0	80.0	0.7	76.5	7.0	2.8	0.7	-	0.3	1.7	1.3	22	23	100.0	0.0
b. Hepatic carcinoma	1	2	0	0	1	3	4	0.3	20.0	0.2	23.5	1.7	0.9	-	-	0.3	0.4	0.4	5	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	1	0	12	31	42	44	86	3.8	100.0	4.9	100.0	1.7	-	4.4	9.5	10.5	4.3	5.7	71	124	100.0	0.0
a. Osteosarcoma	0	0	6	12	19	18	37	1.6	40.9	2.1	43.0	-	-	2.2	3.7	4.8	1.8	2.4	29	53	100.0	0.0
b. Chondrosarcoma	0	0	1	6	9	7	16	0.6	15.9	0.9	18.6	-	-	0.4	1.8	2.3	0.6	1.0	11	22	100.0	0.0
c. Ewing & related	1	0	1	6	8	8	16	0.7	18.2	0.9	18.6	1.7	-	0.4	1.8	2.0	0.8	1.1	13	23	100.0	0.0
d. Other specified	0	0	1	3	3	4	7	0.3	9.1	0.4	8.1	-	-	0.4	0.9	0.8	0.4	0.5	6	10	100.0	0.0
e. Unspecified	0	0	3	4	3	7	10	0.6	15.9	0.6	11.6	-	-	1.1	1.2	0.8	0.7	0.7	12	15	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	8	25	17	16	43	66	109	5.7	100.0	6.2	100.0	13.9	11.6	6.2	4.9	10.8	8.1	8.7	116	170	100.0	0.0
a. Rhabdomyosarcoma	3	10	7	2	8	22	30	1.9	33.3	1.7	27.5	5.2	4.6	2.6	0.6	2.0	2.9	2.7	40	50	100.0	0.0
b. Fibrosarcoma	2	6	6	4	9	18	27	1.6	27.3	1.5	24.8	3.5	2.8	2.2	1.2	2.3	2.2	2.2	32	43	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	2	7	17	12	29	1.0	18.2	1.7	26.6	1.7	0.9	0.7	2.1	4.3	1.3	2.0	20	41	100.0	0.0
e. Unspecified	2	7	2	3	9	14	23	1.2	21.2	1.3	21.1	3.5	3.3	0.7	0.9	2.3	1.8	1.9	25	36	100.0	0.0
<b>X GERM CELL TUMOURS</b>	3	8	7	15	48	33	81	2.9	100.0	4.6	100.0	5.2	3.7	2.6	4.6	12.0	3.7	5.6	56	116	100.0	0.0
a. CNS germ cell	0	1	1	2	3	4	7	0.3	12.1	0.4	8.6	-	0.5	0.4	0.6	0.8	0.4	0.5	7	10	100.0	0.0
b. Other extragonadal	1	3	0	0	1	4	5	0.3	12.1	0.3	6.2	1.7	1.4	-	-	0.3	0.6	0.5	7	9	100.0	0.0
c. Gonadal germ cell	1	4	3	10	42	18	60	1.6	54.5	3.4	74.1	1.7	1.9	1.1	3.1	10.5	1.9	3.9	30	83	100.0	0.0
d. Gonadal carcinoma	0	0	2	3	2	5	7	0.4	15.2	0.4	8.6	-	-	0.7	0.9	0.5	0.5	0.5	8	11	100.0	0.0
e. Unspecified gonadal	1	0	1	0	0	2	2	0.2	6.1	0.1	2.5	1.7	-	0.4	-	-	0.3	0.2	4	4	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	12	11	11	31	130	65	195	5.6	100.0	11.2	100.0	20.9	5.1	4.0	9.5	32.6	7.3	13.0	110	273	99.0	1.0
a. Adrenocortical	10	4	1	0	1	15	16	1.3	23.1	0.9	8.2	17.4	1.9	0.4	-	0.3	2.1	1.7	27	29	100.0	0.0
b. Thyroid	1	0	2	12	38	15	53	1.3	23.1	3.0	27.2	1.7	-	0.7	3.7	9.5	1.4	3.3	24	71	100.0	0.0
c. Nasopharyngeal	0	0	1	0	1	1	2	0.1	1.5	0.1	1.0	-	-	0.4	-	0.3	0.1	0.1	2	3	100.0	0.0
d. Melanoma	1	3	1	3	25	8	33	0.7	12.3	1.9	16.9	1.7	1.4	0.4	0.9	6.3	1.0	2.1	14	45	97.0	3.0
e. Skin carcinoma	0	0	2	1	24	3	27	0.3	4.6	1.5	13.8	-	-	0.7	0.3	6.0	0.3	1.6	5	35	100.0	0.0
f. Other & unspecified	0	4	4	15	41	23	64	2.0	35.4	3.7	32.8	-	1.9	1.5	4.6	10.3	2.4	4.2	38	89	98.4	1.6
<b>XII OTHER &amp; UNSPECIFIED</b>	2	6	0	1	3	9	12	0.8	100.0	0.7	100.0	3.5	2.8	-	0.3	0.8	1.2	1.1	16	20	100.0	0.0
a. Other specified	0	0	0	1	3	1	4	0.1	11.1	0.2	33.3	-	-	-	0.3	0.8	0.1	0.2	2	5	100.0	0.0
b. Other unspecified	2	6	0	0	0	8	8	0.7	88.9	0.5	66.7	3.5	2.8	-	-	-	1.1	0.9	15	15	100.0	0.0
<b>TOTAL</b>	154	402	273	322	595	1151	1746	100.0	100.0	100.0	100.0	268.1	186.7	100.1	98.2	149.3	139.7	141.9	2011	2757	98.9	0.8

† includes 4 non-malignant

Please consult the quality indicators for this registry

## RUSSIAN-FEDERATION, Samara (1998-2015)

	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		
<b>I LEUKAEMIA</b>	12	81	47	42	46	182	228	43.7	39.0	1.1	1.1	11	76	46	34	34	167	201	42.8	37.1		
a. Lymphoid	7	72	41	34	26	154	180	37.1	31.6	1.1	1.2	7	67	42	18	15	134	149	35.1	28.9		
b. Acute myeloid	4	9	6	5	13	24	37	5.8	6.0	0.9	0.9	2	6	4	16	14	28	42	6.2	6.4		
c. CMD	0	0	0	2	5	2	7	0.3	0.8	-	-	0	0	0	0	0	0	0	-	-		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	0	0	1	2	2	4	0.4	0.6	0.4	0.4	2	3	0	0	5	5	10	1.5	1.7		
<b>II LYMPHOMA &amp; RELATED</b>	4	20	27	53	91	104	195	22.0	27.1	1.6	1.2	3	11	16	35	98	65	163	14.3	22.4		
a. Hodgkin	0	6	8	18	60	32	92	6.6	11.8	1.2	0.8	0	1	3	22	85	26	111	5.0	13.7		
b. Non-Hodgkin except BL	1	10	14	26	25	51	76	10.7	11.1	2.0	2.2	0	6	10	9	10	25	35	5.8	5.7		
c. Burkitt (BL)	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.2	0.2		
d. Lymphoreticular	3	1	4	8	5	16	21	3.4	3.2	1.2	1.5	3	4	2	4	1	13	14	3.3	2.6		
e. Unspecified	0	3	1	1	1	5	6	1.2	1.1	-	3.0	0	0	0	0	2	0	2	-	0.2		
<b>III CNS NEOPLASMS †</b>	10	43	29	21	24	103	127	24.9	22.0	0.9	1.0	11	34	39	28	19	112	131	27.7	23.7		
a. Ependymoma	3	5	2	1	3	11	14	2.8	2.5	1.1	1.3	0	4	4	2	1	10	11	2.5	2.1		
b. Astrocytoma	3	21	10	10	12	44	56	10.6	9.6	1.0	1.0	5	13	14	11	12	43	55	10.7	9.6		
c. CNS embryonal	2	13	10	7	7	32	39	7.6	6.7	0.8	0.9	4	11	16	8	3	39	42	9.7	7.9		
d. Other gliomas	1	4	4	1	2	10	12	2.5	2.1	0.7	0.7	1	5	3	6	3	15	18	3.6	3.1		
e. Other specified	1	0	3	1	0	5	5	1.1	0.9	1.3	1.3	1	1	2	0	0	4	4	1.1	0.8		
f. Unspecified CNS	0	0	0	1	0	1	1	0.2	0.1	1.0	1.0	0	0	0	1	0	1	1	0.2	0.1		
<b>IV NEUROBLASTOMA</b>	16	10	1	1	1	28	29	7.6	6.0	0.6	0.5	27	17	3	3	5	50	55	14.1	11.5		
a. (Ganglioneuroblastoma	16	8	1	0	1	25	26	6.8	5.4	0.5	0.5	27	17	3	2	4	49	53	14.0	11.3		
b. Peripheral nervous	0	2	0	1	0	3	3	0.7	0.6	3.0	1.5	0	0	0	1	1	1	2	0.2	0.3		
<b>V RETINOBLASTOMA</b>	4	12	0	1	0	17	17	4.6	3.6	1.3	1.2	6	7	0	0	1	13	14	3.8	3.1		
<b>VI RENAL TUMOURS</b>	9	11	7	4	4	31	35	7.8	6.5	0.7	0.7	10	22	9	6	4	47	51	12.6	10.3		
a. Nephroblastoma	9	11	7	4	3	31	34	7.8	6.4	0.7	0.7	10	22	9	6	1	47	48	12.6	9.9		
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	-	-		
<b>VII HEPATIC TUMOURS</b>	4	4	1	0	1	9	10	2.4	2.0	1.5	1.4	1	4	1	0	1	6	7	1.7	1.4		
a. Hepatoblastoma	4	3	1	0	0	8	8	2.2	1.7	2.0	1.6	0	3	1	0	1	4	5	1.1	1.0		
b. Hepatic carcinoma	0	1	0	0	1	1	2	0.3	0.3	0.5	1.0	1	1	0	0	0	2	2	0.6	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	1	0	7	16	25	24	49	4.7	6.4	1.2	1.3	0	0	5	15	17	20	37	3.9	5.0		
a. Osteosarcoma	0	0	5	5	11	10	21	2.0	2.8	1.3	1.3	0	0	1	7	8	8	16	1.5	2.1		
b. Chondrosarcoma	0	0	0	4	6	4	10	0.7	1.2	1.3	1.7	0	0	1	2	3	3	6	0.6	0.8		
c. Ewing & related	1	0	0	2	4	3	7	0.6	0.9	0.6	0.8	0	0	1	4	4	5	9	1.0	1.2		
d. Other specified	0	0	0	2	2	2	4	0.3	0.5	1.0	1.3	0	0	1	1	1	2	3	0.4	0.4		
e. Unspecified	0	0	2	3	2	5	7	1.0	1.0	2.5	2.3	0	0	1	1	1	2	3	0.4	0.4		
<b>IX SOFT TISSUE SARCOMA</b>	2	14	8	6	25	30	55	7.3	8.4	0.8	1.0	6	11	9	10	18	36	54	9.0	9.0		
a. Rhabdomyosarcoma	1	5	4	1	2	11	13	2.7	2.4	1.0	0.8	2	5	3	1	6	11	17	3.0	3.0		
b. Fibrosarcoma	1	4	3	1	7	9	16	2.2	2.5	1.0	1.5	1	2	3	3	2	9	11	2.2	1.9		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	0	4	13	6	19	1.2	2.4	1.0	1.9	1	0	2	3	4	6	10	1.3	1.5		
e. Unspecified	0	3	1	0	3	4	7	1.1	1.2	0.4	0.4	2	4	1	3	6	10	16	2.5	2.7		
<b>X GERM CELL TUMOURS</b>	2	3	3	4	22	12	34	2.8	4.6	0.6	0.7	1	5	4	11	26	21	47	4.7	6.7		
a. CNS germ cell	0	1	1	2	3	4	7	0.9	1.0	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	1	3	0	0	1	4	5	1.2	1.0		
c. Gonadal germ cell	1	2	1	2	19	6	25	1.4	3.2	0.5	0.7	0	2	2	8	23	12	35	2.5	4.6		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	2	3	2	5	7	1.0	1.0		
e. Unspecified gonadal	1	0	1	0	0	2	2	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	6	3	5	12	66	26	92	5.7	11.7	0.7	0.9	6	8	6	19	64	39	103	9.0	14.3		
a. Adrenocortical	5	1	1	0	1	7	8	1.9	1.6	0.9	1.0	5	3	0	0	0	8	8	2.3	1.8		
b. Thyroid	0	0	1	3	9	4	13	0.7	1.6	0.4	0.3	1	0	1	9	29	11	40	2.2	5.0		
c. Nasopharyngeal	0	0	1	0	0	1	1	0.2	0.2	-	1.0	0	0	0	0	1	0	1	-	0.1		
d. Melanoma	1	0	1	0	15	2	17	0.5	2.1	0.3	1.1	0	3	0	3	10	6	16	1.4	2.3		
e. Skin carcinoma	0	0	0	1	22	1	23	0.2	2.6	0.5	5.8	0	0	2	0	2	2	4	0.5	0.6		
f. Other & unspecified	0	2	1	8	19	11	30	2.2	3.8	0.9	0.9	0	2	3	7	22	12	34	2.6	4.5		
<b>XII OTHER &amp; UNSPECIFIED</b>	1	4	0	0	1	5	6	1.4	1.2	1.3	1.0	1	2	0	1	2	4	6	1.1	1.1		
a. Other specified	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	0	1	2	1	3	0.2	0.4		
b. Other unspecified	1	4	0	0	0	5	5	1.4	1.1	1.7	1.7	1	2	0	0	0	3	3	0.9	0.7		
<b>TOTAL</b>	71	205	135	160	306	571	877	134.8	138.4	1.0	1.0	83	197	138	162	289	580	869	144.9	145.5		

† includes 1 non-malignant in males and 3 non-malignant in females

Please consult the quality indicators for this registry

## RUSSIAN-FEDERATION, Samara (1998-2015)

	Age group	Males	Females
Person-years	0	295 662	278 739
	1-4	1 108 376	1 044 947
	5-9	1 400 500	1 326 332
	10-14	1 681 073	1 597 527
	15-19	2 027 611	1 958 416
Total	0-14	4 485 611	4 247 545
	0-19	6 513 222	6 205 961
Average annual population	0-14	249 201	235 975
	0-19	361 846	344 776

Please consult the quality indicators for this registry