USA, West Virginia, NH White (1998-2012)

		Number of cases							Percentage				Incidence rates per million person-years									MV	DCO
		Age group							0-14		0-19		Age-specific					ASR		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	0-19	0-19
I	LEUKAEMIA	13	92	62	33	41	**200**	**241**	28.1	100.0	21.9	100.0	45.1	80.6	41.8	20.8	24.1	**47.9**	**42.6**	680	801	96.7	0.8
	a. Lymphoid	6	80	50	25	19	**161**	**180**	22.6	80.5	16.4	74.7	20.8	70.1	33.7	15.8	11.2	**38.7**	**32.5**	548	604	97.8	0.0
	b. Acute myeloid	5	11	6	7	14	**29**	**43**	4.1	14.5	3.9	17.8	17.3	9.6	4.0	4.4	8.2	**6.9**	**7.2**	98	139	95.3	2.3
	c. CMD	0	0	1	1	5	**2**	**7**	0.3	1.0	0.6	2.9	-	-	0.7	0.6	2.9	**0.4**	**1.0**	7	21	85.7	0.0
	d. MDS & other	2	0	3	0	0	**5**	**5**	0.7	2.5	0.5	2.1	6.9	-	2.0	-	-	**1.2**	**0.9**	17	17	100.0	0.0
	e. Unspecified	0	1	2	0	3	**3**	**6**	0.4	1.5	0.5	2.5	-	0.9	1.3	-	1.8	**0.7**	**0.9**	10	19	83.3	16.7
II	LYMPHOMA & RELATED	5	14	14	32	92	**65**	**157**	9.1	100.0	14.3	100.0	17.3	12.3	9.4	20.2	54.1	**14.0**	**23.1**	215	485	98.1	0.0
	a. Hodgkin	0	1	0	20	66	**21**	**87**	3.0	32.3	7.9	55.4	-	0.9	-	12.6	38.8	**3.9**	**11.8**	67	261	100.0	0.0
	b. Non-Hodgkin except BL	3	3	10	9	20	**25**	**45**	3.5	38.5	4.1	28.7	10.4	2.6	6.7	5.7	11.8	**5.4**	**6.9**	83	142	97.8	0.0
	c. Burkitt (BL)	0	8	2	3	5	**13**	**18**	1.8	20.0	1.6	11.5	-	7.0	1.3	1.9	2.9	**3.1**	**3.1**	44	59	100.0	0.0
	d. Lymphoreticular	2	2	2	0	1	**6**	**7**	0.8	9.2	0.6	4.5	6.9	1.8	1.3	-	0.6	**1.5**	**1.3**	21	24	71.4	0.0
	e. Unspecified	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
III	CNS NEOPLASMS †	20	47	69	63	59	**199**	**258**	28.0	100.0	23.5	100.0	69.3	41.2	46.5	39.7	34.7	**44.7**	**42.4**	665	839	82.2	0.8
	a. Ependymoma	4	3	3	2	6	**12**	**18**	1.7	6.0	1.6	7.0	13.9	2.6	2.0	1.3	3.5	**2.9**	**3.1**	41	59	100.0	0.0
	b. Astrocytoma	3	24	30	36	13	**93**	**106**	13.1	46.7	9.6	41.1	10.4	21.0	20.2	22.7	7.6	**20.4**	**17.5**	309	347	88.7	0.9
	c. CNS embryonal	7	11	14	5	4	**37**	**41**	5.2	18.6	3.7	15.9	24.3	9.6	9.4	3.2	2.4	**8.8**	**7.4**	126	138	100.0	0.0
	d. Other gliomas	3	6	15	8	8	**32**	**40**	4.5	16.1	3.6	15.5	10.4	5.3	10.1	5.0	4.7	**7.2**	**6.6**	107	131	60.0	0.0
	e. Other specified	3	3	6	12	25	**24**	**49**	3.4	12.1	4.5	19.0	10.4	2.6	4.0	7.6	14.7	**5.1**	**7.3**	79	153	69.4	0.0
	f. Unspecified CNS	0	0	1	0	3	**1**	**4**	0.1	0.5	0.4	1.6	-	-	0.7	-	1.8	**0.2**	**0.6**	3	12	25.0	25.0
IV	NEUROBLASTOMA	11	31	6	3	0	**51**	**51**	7.2	100.0	4.6	100.0	38.1	27.2	4.0	1.9	-	**13.2**	**10.2**	177	177	100.0	0.0
	a. (Ganglio)neuroblastoma	11	31	6	3	0	**51**	**51**	7.2	100.0	4.6	100.0	38.1	27.2	4.0	1.9	-	**13.2**	**10.2**	177	177	100.0	0.0
	b. Peripheral nervous	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
V	RETINOBLASTOMA	9	5	1	0	0	**15**	**15**	2.1	100.0	1.4	100.0	31.2	4.4	0.7	-	-	**4.0**	**3.1**	52	52	93.3	0.0
VI	RENAL TUMOURS	8	24	4	1	3	**37**	**40**	5.2	100.0	3.6	100.0	27.7	21.0	2.7	0.6	1.8	**9.7**	**7.9**	129	137	97.5	0.0
	a. Nephroblastoma	8	24	4	1	1	**37**	**38**	5.2	100.0	3.5	95.0	27.7	21.0	2.7	0.6	0.6	**9.7**	**7.7**	129	131	97.4	0.0
	b. Renal carcinoma	0	0	0	0	2	**0**	**2**	-	-	0.2	5.0	-	-	-	-	1.2	**-**	**0.3**	-	6	100.0	0.0
	c. Unspecified	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
VII	HEPATIC TUMOURS	5	6	1	1	2	**13**	**15**	1.8	100.0	1.4	100.0	17.3	5.3	0.7	0.6	1.2	**3.4**	**2.9**	45	51	93.3	6.7
	a. Hepatoblastoma	5	6	1	0	1	**12**	**13**	1.7	92.3	1.2	86.7	17.3	5.3	0.7	-	0.6	**3.2**	**2.6**	42	45	100.0	0.0
	b. Hepatic carcinoma	0	0	0	1	1	**1**	**2**	0.1	7.7	0.2	13.3	-	-	-	0.6	0.6	**0.2**	**0.3**	3	6	50.0	50.0
	c. Unspecified	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
VIII	BONE TUMOURS	0	1	8	18	26	**27**	**53**	3.8	100.0	4.8	100.0	-	0.9	5.4	11.4	15.3	**5.3**	**7.6**	87	164	100.0	0.0
	a. Osteosarcoma	0	0	4	9	14	**13**	**27**	1.8	48.1	2.5	50.9	-	-	2.7	5.7	8.2	**2.5**	**3.8**	42	83	100.0	0.0
	b. Chondrosarcoma	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
	c. Ewing & related	0	1	4	8	10	**13**	**23**	1.8	48.1	2.1	43.4	-	0.9	2.7	5.0	5.9	**2.6**	**3.3**	42	72	100.0	0.0
	d. Other specified	0	0	0	1	2	**1**	**3**	0.1	3.7	0.3	5.7	-	-	-	0.6	1.2	**0.2**	**0.4**	3	9	100.0	0.0
	e. Unspecified	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
IX	SOFT TISSUE SARCOMA	2	11	9	17	31	**39**	**70**	5.5	100.0	6.4	100.0	6.9	9.6	6.1	10.7	18.2	**8.6**	**10.8**	129	221	97.1	0.0
	a. Rhabdomyosarcoma	0	10	4	4	7	**18**	**25**	2.5	46.2	2.3	35.7	-	8.8	2.7	2.5	4.1	**4.3**	**4.3**	61	82	100.0	0.0
	b. Fibrosarcoma	1	0	0	1	3	**2**	**5**	0.3	5.1	0.5	7.1	3.5	-	-	0.6	1.8	**0.5**	**0.7**	7	15	100.0	0.0
	c. Kaposi sarcoma	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
	d. Other specified	0	0	3	11	16	**14**	**30**	2.0	35.9	2.7	42.9	-	-	2.0	6.9	9.4	**2.7**	**4.2**	45	92	100.0	0.0
	e. Unspecified	1	1	2	1	5	**5**	**10**	0.7	12.8	0.9	14.3	3.5	0.9	1.3	0.6	2.9	**1.2**	**1.6**	17	32	80.0	0.0
X	GERM CELL TUMOURS	7	4	3	14	37	**28**	**65**	3.9	100.0	5.9	100.0	24.3	3.5	2.0	8.8	21.8	**6.2**	**9.7**	93	202	95.4	0.0
	a. CNS germ cell ‡	2	0	2	8	6	**12**	**18**	1.7	42.9	1.6	27.7	6.9	-	1.3	5.0	3.5	**2.4**	**2.7**	39	57	83.3	0.0
	b. Other extragonadal	5	2	1	1	2	**9**	**11**	1.3	32.1	1.0	16.9	17.3	1.8	0.7	0.6	1.2	**2.3**	**2.0**	31	37	100.0	0.0
	c. Gonadal germ cell	0	2	0	5	27	**7**	**34**	1.0	25.0	3.1	52.3	-	1.8	-	3.2	15.9	**1.5**	**4.7**	23	102	100.0	0.0
	d. Gonadal carcinoma	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
	e. Unspecified gonadal	0	0	0	0	2	**0**	**2**	-	-	0.2	3.1	-	-	-	-	1.2	**-**	**0.3**	-	6	100.0	0.0
XI	CARCINOMA & MELANOMA	1	3	7	25	96	**36**	**132**	5.1	100.0	12.0	100.0	3.5	2.6	4.7	15.8	56.5	**7.2**	**18.3**	116	399	100.0	0.0
	a. Adrenocortical	0	0	0	2	0	**2**	**2**	0.3	5.6	0.2	1.5	-	-	-	1.3	-	**0.4**	**0.3**	6	6	100.0	0.0
	b. Thyroid	0	2	1	8	42	**11**	**53**	1.5	30.6	4.8	40.2	-	1.8	0.7	5.0	24.7	**2.2**	**7.3**	36	159	100.0	0.0
	c. Nasopharyngeal	0	0	1	1	3	**2**	**5**	0.3	5.6	0.5	3.8	-	-	0.7	0.6	1.8	**0.4**	**0.7**	7	15	100.0	0.0
	d. Melanoma	1	1	2	8	28	**12**	**40**	1.7	33.3	3.6	30.3	3.5	0.9	1.3	5.0	16.5	**2.4**	**5.6**	39	121	100.0	0.0
	e. Skin carcinoma	0	0	0	0	0	**0**	**0**	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-
	f. Other & unspecified	0	0	3	6	23	**9**	**32**	1.3	25.0	2.9	24.2	-	-	2.0	3.8	13.5	**1.8**	**4.4**	29	97	100.0	0.0
XII	OTHER & UNSPECIFIED	0	1	0	0	2	**1**	**3**	0.1	100.0	0.3	100.0	-	0.9	-	-	1.2	**0.3**	**0.5**	3	9	100.0	0.0
	a. Other specified	0	0	0	0	1	**0**	**1**	-	-	0.1	33.3	-	-	-	-	0.6	**-**	**0.1**	-	3	100.0	0.0
	b. Other unspecified	0	1	0	0	1	**1**	**2**	0.1	100.0	0.2	66.7	-	0.9	-	-	0.6	**0.3**	**0.3**	3	6	100.0	0.0
	TOTAL	81	239	184	207	389	**711**	**1100**	100.0	100.0	100.0	100.0	280.8	209.4	124.0	130.6	228.8	**164.5**	**179.0**	2392	3536	94.1	0.5

† includes 60 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

USA, West Virginia, NH White (1998-2012)

	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	9	50	32	17	27	**108**	**135**	**50.9**	**46.4**	1.2	1.3	4	42	30	16	14	**92**	**106**	**44.9**	**38.6**
a. Lymphoid	3	43	28	14	15	**88**	**103**	**41.2**	**35.8**	1.2	1.3	3	37	22	11	4	**73**	**77**	**36.1**	**29.1**
b. Acute myeloid	4	6	2	3	8	**15**	**23**	**7.2**	**7.7**	1.1	1.1	1	5	4	4	6	**14**	**20**	**6.6**	**6.8**
c. CMD	0	0	1	0	3	**1**	**4**	**0.4**	**1.1**	1.0	1.3	0	0	0	1	2	**1**	**3**	**0.4**	**0.8**
d. MDS & other	2	0	1	0	0	**3**	**3**	**1.5**	**1.1**	1.5	1.5	0	0	2	0	0	**2**	**2**	**0.9**	**0.7**
e. Unspecified	0	1	0	0	1	**1**	**2**	**0.5**	**0.7**	0.5	0.5	0	0	2	0	2	**2**	**4**	**0.9**	**1.2**
II LYMPHOMA & RELATED	4	11	12	18	50	**45**	**95**	**19.4**	**27.9**	2.3	1.5	1	3	2	14	42	**20**	**62**	**8.4**	**17.9**
a. Hodgkin	0	1	0	12	33	**13**	**46**	**4.8**	**12.2**	1.6	1.1	0	0	0	8	33	**8**	**41**	**3.0**	**11.3**
b. Non-Hodgkin except BL	2	2	9	5	12	**18**	**30**	**7.7**	**9.1**	2.6	2.0	1	1	1	4	8	**7**	**15**	**3.1**	**4.5**
c. Burkitt (BL)	0	7	1	1	4	**9**	**13**	**4.5**	**4.5**	2.3	2.6	0	1	1	2	1	**4**	**5**	**1.8**	**1.6**
d. Lymphoreticular	2	1	2	0	1	**5**	**6**	**2.4**	**2.1**	5.0	6.0	0	1	0	0	0	**1**	**1**	**0.6**	**0.4**
e. Unspecified	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
III CNS NEOPLASMS †	14	33	47	27	24	**121**	**145**	**54.4**	**48.4**	1.6	1.3	6	14	22	36	35	**78**	**113**	**34.5**	**36.2**
a. Ependymoma	2	2	2	1	4	**7**	**11**	**3.3**	**3.6**	1.4	1.6	2	1	1	1	2	**5**	**7**	**2.5**	**2.5**
b. Astrocytoma	2	17	18	15	6	**52**	**58**	**23.0**	**19.4**	1.3	1.2	1	7	12	21	7	**41**	**48**	**17.7**	**15.6**
c. CNS embryonal	4	9	11	3	2	**27**	**29**	**12.6**	**10.3**	2.7	2.4	3	2	3	2	2	**10**	**12**	**4.9**	**4.3**
d. Other gliomas	3	3	11	4	3	**21**	**24**	**9.3**	**8.0**	1.9	1.5	0	3	4	4	5	**11**	**16**	**5.0**	**5.2**
e. Other specified	3	2	4	4	9	**13**	**22**	**5.8**	**6.8**	1.2	0.8	0	1	2	8	16	**11**	**27**	**4.5**	**7.8**
f. Unspecified CNS	0	0	1	0	0	**1**	**1**	**0.4**	**0.3**	-	0.3	0	0	0	0	3	**0**	**3**	**-**	**0.8**
IV NEUROBLASTOMA	6	19	5	1	0	**31**	**31**	**15.7**	**12.2**	1.6	1.6	5	12	1	2	0	**20**	**20**	**10.6**	**8.2**
a. (Ganglio)neuroblastoma	6	19	5	1	0	**31**	**31**	**15.7**	**12.2**	1.6	1.6	5	12	1	2	0	**20**	**20**	**10.6**	**8.2**
b. Peripheral nervous	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
V RETINOBLASTOMA	4	2	1	0	0	**7**	**7**	**3.6**	**2.8**	0.9	0.9	5	3	0	0	0	**8**	**8**	**4.4**	**3.4**
VI RENAL TUMOURS	6	11	2	1	1	**20**	**21**	**10.2**	**8.2**	1.2	1.1	2	13	2	0	2	**17**	**19**	**9.2**	**7.7**
a. Nephroblastoma	6	11	2	1	1	**20**	**21**	**10.2**	**8.2**	1.2	1.2	2	13	2	0	0	**17**	**17**	**9.2**	**7.1**
b. Renal carcinoma	0	0	0	0	0	**0**	**0**	**-**	**-**	-	0.0	0	0	0	0	2	**0**	**2**	**-**	**0.5**
c. Unspecified	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
VII HEPATIC TUMOURS	4	4	0	0	1	**8**	**9**	**4.2**	**3.5**	1.6	1.5	1	2	1	1	1	**5**	**6**	**2.5**	**2.2**
a. Hepatoblastoma	4	4	0	0	1	**8**	**9**	**4.2**	**3.5**	2.0	2.3	1	2	1	0	0	**4**	**4**	**2.1**	**1.6**
b. Hepatic carcinoma	0	0	0	0	0	**0**	**0**	**-**	**-**	0.0	0.0	0	0	0	1	1	**1**	**2**	**0.4**	**0.6**
c. Unspecified	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
VIII BONE TUMOURS	0	0	5	9	17	**14**	**31**	**5.3**	**8.5**	1.1	1.4	0	1	3	9	9	**13**	**22**	**5.3**	**6.5**
a. Osteosarcoma	0	0	2	4	9	**6**	**15**	**2.3**	**4.1**	0.9	1.3	0	0	2	5	5	**7**	**12**	**2.8**	**3.5**
b. Chondrosarcoma	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
c. Ewing & related	0	0	3	4	7	**7**	**14**	**2.7**	**3.9**	1.2	1.6	0	1	1	4	3	**6**	**9**	**2.5**	**2.8**
d. Other specified	0	0	0	1	1	**1**	**2**	**0.4**	**0.5**	-	2.0	0	0	0	0	1	**0**	**1**	**-**	**0.3**
e. Unspecified	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
IX SOFT TISSUE SARCOMA	2	5	5	6	15	**18**	**33**	**8.0**	**10.0**	0.9	0.9	0	6	4	11	16	**21**	**37**	**9.2**	**11.5**
a. Rhabdomyosarcoma	0	5	2	0	6	**7**	**13**	**3.5**	**4.3**	0.6	1.1	0	5	2	4	1	**11**	**12**	**5.2**	**4.3**
b. Fibrosarcoma	1	0	0	0	0	**1**	**1**	**0.5**	**0.4**	1.0	0.3	0	0	0	1	3	**1**	**4**	**0.4**	**1.1**
c. Kaposi sarcoma	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
d. Other specified	0	0	1	5	6	**6**	**12**	**2.2**	**3.3**	0.8	0.7	0	0	2	6	10	**8**	**18**	**3.2**	**5.2**
e. Unspecified	1	0	2	1	3	**4**	**7**	**1.7**	**2.1**	4.0	2.3	0	1	0	0	2	**1**	**3**	**0.6**	**1.0**
X GERM CELL TUMOURS	2	2	1	8	27	**13**	**40**	**5.4**	**11.1**	0.9	1.6	5	2	2	6	10	**15**	**25**	**7.0**	**8.2**
a. CNS germ cell ‡	0	0	1	4	5	**5**	**10**	**1.9**	**2.7**	0.7	1.3	2	0	1	4	1	**7**	**8**	**3.1**	**2.6**
b. Other extragonadal	2	0	0	1	2	**3**	**5**	**1.4**	**1.6**	0.5	0.8	3	2	1	0	0	**6**	**6**	**3.2**	**2.5**
c. Gonadal germ cell	0	2	0	3	19	**5**	**24**	**2.1**	**6.5**	2.5	2.4	0	0	0	2	8	**2**	**10**	**0.8**	**2.8**
d. Gonadal carcinoma	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
e. Unspecified gonadal	0	0	0	0	1	**0**	**1**	**-**	**0.3**	-	1.0	0	0	0	0	1	**0**	**1**	**-**	**0.3**
XI CARCINOMA & MELANOMA	0	3	3	9	31	**15**	**46**	**6.1**	**12.7**	0.7	0.5	1	0	4	16	65	**21**	**86**	**8.4**	**24.2**
a. Adrenocortical	0	0	0	1	0	**1**	**1**	**0.4**	**0.3**	1.0	1.0	0	0	0	1	0	**1**	**1**	**0.4**	**0.3**
b. Thyroid	0	2	0	1	8	**3**	**11**	**1.4**	**3.2**	0.4	0.3	0	0	1	7	34	**8**	**42**	**3.1**	**11.6**
c. Nasopharyngeal	0	0	1	0	2	**1**	**3**	**0.4**	**0.8**	1.0	1.5	0	0	0	1	1	**1**	**2**	**0.4**	**0.6**
d. Melanoma	0	1	1	4	11	**6**	**17**	**2.4**	**4.7**	1.0	0.7	1	0	1	4	17	**6**	**23**	**2.5**	**6.6**
e. Skin carcinoma	0	0	0	0	0	**0**	**0**	**-**	**-**	-	-	0	0	0	0	0	**0**	**0**	**-**	**-**
f. Other & unspecified	0	0	1	3	10	**4**	**14**	**1.5**	**3.7**	0.8	0.8	0	0	2	3	13	**5**	**18**	**2.0**	**5.1**
XII OTHER & UNSPECIFIED	0	1	0	0	0	**1**	**1**	**0.5**	**0.4**	-	0.5	0	0	0	0	2	**0**	**2**	**-**	**0.5**
a. Other specified	0	0	0	0	0	**0**	**0**	**-**	**-**	-	0.0	0	0	0	0	1	**0**	**1**	**-**	**0.3**
b. Other unspecified	0	1	0	0	0	**1**	**1**	**0.5**	**0.4**	-	1.0	0	0	0	0	1	**0**	**1**	**-**	**0.3**
TOTAL	51	141	113	96	193	**401**	**594**	**183.8**	**192.1**	1.3	1.2	30	98	71	111	196	**310**	**506**	**144.4**	**165.2**

† includes 26 non-malignant in males and 34 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

USA, West Virginia, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	147 122	141 298
	1-4	583 930	557 659
	5-9	761 939	722 318
	10-14	813 812	771 285
	15-19	873 428	826 904
Total	0-14	2 306 803	2 192 560
	0-19	3 180 231	3 019 464
Average annual population	0-14	153 787	146 171
	0-19	212 015	201 298

Please consult the quality indicators for this registry