

FRANCE, Bas-Rhin (1993-2011)

	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	5	78	48	37	37	168	205	28.5	100.0	23.5	100.0	20.5	79.3	38.7	29.6	28.1	47.3	42.9	680	820	96.6	0.0
a. Lymphoid	3	65	38	23	20	129	149	21.9	76.8	17.1	72.7	12.3	66.1	30.6	18.4	15.2	36.7	31.8	522	598	97.3	0.0
b. Acute myeloid	1	9	7	10	9	27	36	4.6	16.1	4.1	17.6	4.1	9.1	5.6	8.0	6.8	7.3	7.2	109	143	97.2	0.0
c. CMD	0	1	2	3	5	6	11	1.0	3.6	1.3	5.4	-	1.0	1.6	2.4	3.8	1.5	2.0	24	43	90.9	0.0
d. MDS & other	1	3	0	0	1	4	5	0.7	2.4	0.6	2.4	4.1	3.0	-	-	0.8	1.3	1.1	16	20	100.0	0.0
e. Unspecified	0	0	1	1	2	2	4	0.3	1.2	0.5	2.0	-	-	0.8	0.8	1.5	0.5	0.7	8	16	75.0	0.0
II LYMPHOMA & RELATED	2	9	19	47	62	77	139	13.1	100.0	15.9	100.0	8.2	9.1	15.3	37.6	47.0	19.3	25.6	310	545	100.0	0.0
a. Hodgkin	0	0	5	24	48	29	77	4.9	37.7	8.8	55.4	-	-	4.0	19.2	36.4	6.9	13.5	116	298	100.0	0.0
b. Non-Hodgkin except BL	0	4	9	14	11	27	38	4.6	35.1	4.4	27.3	-	4.1	7.3	11.2	8.3	6.9	7.2	109	150	100.0	0.0
c. Burkitt (BL)	0	5	4	8	3	17	20	2.9	22.1	2.3	14.4	-	5.1	3.2	6.4	2.3	4.5	4.0	69	80	100.0	0.0
d. Lymphoreticular	2	0	0	0	0	2	2	0.3	2.6	0.2	1.4	8.2	-	-	-	-	0.6	0.5	8	8	100.0	0.0
e. Unspecified	0	0	1	1	0	2	2	0.3	2.6	0.2	1.4	-	-	0.8	0.8	-	0.5	0.4	8	8	100.0	0.0
III CNS NEOPLASMS †	6	46	49	34	36	135	171	22.9	100.0	19.6	100.0	24.6	46.8	39.5	27.2	27.3	37.0	34.9	545	682	84.8	0.0
a. Ependymoma	2	3	3	1	0	9	9	1.5	6.7	1.0	5.3	8.2	3.0	2.4	0.8	-	2.6	2.0	36	36	100.0	0.0
b. Astrocytoma	2	18	21	17	11	58	69	9.8	43.0	7.9	40.4	8.2	18.3	16.9	13.6	8.3	15.7	14.1	234	276	89.9	0.0
c. CNS embryonal	1	13	10	2	4	26	30	4.4	19.3	3.4	17.5	4.1	13.2	8.1	1.6	3.0	7.5	6.5	105	121	100.0	0.0
d. Other gliomas	0	6	8	3	7	17	24	2.9	12.6	2.8	14.0	-	6.1	6.4	2.4	5.3	4.7	4.8	69	95	79.2	0.0
e. Other specified	1	3	4	7	13	15	28	2.5	11.1	3.2	16.4	4.1	3.0	3.2	5.6	9.9	3.9	5.3	60	110	89.3	0.0
f. Unspecified CNS	0	3	3	4	1	10	11	1.7	7.4	1.3	6.4	-	3.0	2.4	3.2	0.8	2.7	2.2	40	44	0.0	0.0
IV NEUROBLASTOMA	23	20	5	2	1	50	51	8.5	100.0	5.8	100.0	94.3	20.3	4.0	1.6	0.8	15.3	12.0	203	207	100.0	0.0
a. (Ganglio)neuroblastoma	22	20	5	2	0	49	49	8.3	98.0	5.6	96.1	90.2	20.3	4.0	1.6	-	15.0	11.6	199	199	100.0	0.0
b. Peripheral nervous	1	0	0	0	1	1	2	0.2	2.0	0.2	3.9	4.1	-	-	-	0.8	0.3	0.4	4	8	100.0	0.0
V RETINOBLASTOMA	3	11	0	0	0	14	14	2.4	100.0	1.6	100.0	12.3	11.2	-	-	-	4.4	3.4	57	57	85.7	0.0
VI RENAL TUMOURS	10	22	8	2	4	42	46	7.1	100.0	5.3	100.0	41.0	22.4	6.4	1.6	3.0	12.6	10.5	171	186	100.0	0.0
a. Nephroblastoma	10	22	8	2	1	42	43	7.1	100.0	4.9	93.5	41.0	22.4	6.4	1.6	0.8	12.6	10.0	171	174	100.0	0.0
b. Renal carcinoma	0	0	0	0	3	0	3	-	-	0.3	6.5	-	-	-	-	2.3	-	0.5	-	11	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	3	2	2	1	3	8	11	1.4	100.0	1.3	100.0	12.3	2.0	1.6	0.8	2.3	2.3	2.3	32	44	90.9	0.0
a. Hepatoblastoma	3	1	2	1	1	7	8	1.2	87.5	0.9	72.7	12.3	1.0	1.6	0.8	0.8	2.0	1.7	28	32	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.2	18.2	-	-	-	-	1.5	-	0.3	-	8	100.0	0.0
c. Unspecified	0	1	0	0	0	1	1	0.2	12.5	0.1	9.1	-	1.0	-	-	-	0.3	0.2	4	4	0.0	0.0
VIII BONE TUMOURS	0	2	3	16	24	21	45	3.6	100.0	5.2	100.0	-	2.0	2.4	12.8	18.2	5.1	8.1	84	175	100.0	0.0
a. Osteosarcoma	0	1	2	6	16	9	25	1.5	42.9	2.9	55.6	-	1.0	1.6	4.8	12.1	2.2	4.5	36	97	100.0	0.0
b. Chondrosarcoma	0	0	0	2	1	2	3	0.3	9.5	0.3	6.7	-	-	-	1.6	0.8	0.5	0.5	8	12	100.0	0.0
c. Ewing & related	0	1	1	8	6	10	16	1.7	47.6	1.8	35.6	-	1.0	0.8	6.4	4.6	2.4	2.9	40	63	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	2.2	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
IX SOFT TISSUE SARCOMA	5	12	4	12	11	33	44	5.6	100.0	5.0	100.0	20.5	12.2	3.2	9.6	8.3	9.2	9.0	133	175	100.0	0.0
a. Rhabdomyosarcoma	2	10	1	3	1	16	17	2.7	48.5	1.9	38.6	8.2	10.2	0.8	2.4	0.8	4.7	3.8	65	69	100.0	0.0
b. Fibrosarcoma	1	0	1	2	0	4	4	0.7	12.1	0.5	9.1	4.1	-	0.8	1.6	-	1.0	0.8	16	16	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	2	3	10	8	18	1.4	24.2	2.1	40.9	4.1	2.0	1.6	2.4	7.6	2.2	3.4	32	70	100.0	0.0
e. Unspecified	1	0	0	4	0	5	5	0.8	15.2	0.6	11.4	4.1	-	-	3.2	-	1.2	1.0	20	20	100.0	0.0
X GERM CELL TUMOURS	3	1	0	9	37	13	50	2.2	100.0	5.7	100.0	12.3	1.0	-	7.2	28.1	3.4	8.9	52	193	96.0	0.0
a. CNS germ cell	0	0	0	1	3	1	4	0.2	7.7	0.5	8.0	-	-	-	0.8	2.3	0.2	0.7	4	15	75.0	0.0
b. Other extragonadal	0	0	0	0	2	0	2	-	-	0.2	4.0	-	-	-	-	1.5	-	0.3	-	8	100.0	0.0
c. Gonadal germ cell	3	1	0	6	29	10	39	1.7	76.9	4.5	78.0	12.3	1.0	-	4.8	22.0	2.7	7.0	40	150	97.4	0.0
d. Gonadal carcinoma	0	0	0	1	3	1	4	0.2	7.7	0.5	8.0	-	-	-	0.8	2.3	0.2	0.7	4	15	100.0	0.0
e. Unspecified gonadal	0	0	0	1	0	1	1	0.2	7.7	0.1	2.0	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
XI CARCINOMA & MELANOMA	0	2	4	22	68	28	96	4.8	100.0	11.0	100.0	-	2.0	3.2	17.6	51.6	6.8	16.9	112	370	99.0	0.0
a. Adrenocortical	0	0	0	1	0	1	1	0.2	3.6	0.1	1.0	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
b. Thyroid	0	0	2	4	11	6	17	1.0	21.4	1.9	17.7	-	-	1.6	3.2	8.3	1.4	3.0	24	66	100.0	0.0
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.1	1.0	-	-	-	0.8	-	-	0.2	-	4	100.0	0.0
d. Melanoma	0	0	1	6	36	7	43	1.2	25.0	4.9	44.8	-	-	0.8	4.8	27.3	1.7	7.4	28	165	97.7	0.0
e. Skin carcinoma	0	1	0	1	3	2	5	0.3	7.1	0.6	5.2	-	1.0	-	0.8	2.3	0.5	0.9	8	19	100.0	0.0
f. Other & unspecified	0	1	1	10	17	12	29	2.0	42.9	3.3	30.2	-	1.0	0.8	8.0	12.9	2.9	5.1	48	113	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	60	205	142	182	283	589	872	100.0	100.0	100.0	100.0	246.0	208.4	114.5	145.7	214.6	162.8	174.5	2380	3453	95.5	0.0

† includes 70 non-malignant

Please consult the quality indicators for this registry

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	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	3	53	30	21	24	107	131	59.2	54.1	1.8	1.8	2	25	18	16	13	61	74	34.7	31.3		
a. Lymphoid	1	44	24	11	13	80	93	44.9	39.2	1.6	1.7	2	21	14	12	7	49	56	28.1	24.1		
b. Acute myeloid	1	6	3	7	5	17	22	9.0	8.7	1.7	1.6	0	3	4	3	4	10	14	5.5	5.6		
c. CMD	0	1	2	2	3	5	8	2.5	3.0	5.0	2.7	0	0	0	1	2	1	3	0.5	1.1		
d. MDS & other	1	2	0	0	1	3	4	1.8	1.8	3.0	4.0	0	1	0	0	0	1	1	0.6	0.5		
e. Unspecified	0	0	1	1	2	2	4	1.0	1.4	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	0	8	13	25	34	46	80	22.9	29.3	1.5	1.4	2	1	6	22	28	31	59	15.6	21.7		
a. Hodgkin	0	0	5	11	24	16	40	7.5	14.0	1.2	1.1	0	0	0	13	24	13	37	6.2	13.0		
b. Non-Hodgkin except BL	0	3	4	6	7	13	20	6.6	7.5	0.9	1.1	0	1	5	8	4	14	18	7.1	6.9		
c. Burkitt (BL)	0	5	3	7	3	15	18	7.8	7.1	7.5	9.0	0	0	1	1	0	2	2	1.0	0.8		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	2	0	0	0	0	2	2	1.3	1.0		
e. Unspecified	0	0	1	1	0	2	2	1.0	0.7	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	4	25	31	15	16	75	91	40.4	36.7	1.3	1.1	2	21	18	19	20	60	80	33.5	32.8		
a. Ependymoma	2	2	1	1	0	6	6	3.4	2.7	2.0	2.0	0	1	2	0	0	3	3	1.7	1.3		
b. Astrocytoma	1	11	15	5	6	32	38	17.3	15.4	1.2	1.2	1	7	6	12	5	26	31	14.1	12.6		
c. CNS embryonal	0	9	8	1	2	18	20	10.0	8.5	2.3	2.0	1	4	2	1	2	8	10	4.8	4.4		
d. Other gliomas	0	2	3	3	2	8	10	4.1	3.9	0.9	0.7	0	4	5	0	5	9	14	5.3	5.8		
e. Other specified	1	1	3	3	6	8	14	4.1	5.2	1.1	1.0	0	2	1	4	7	7	14	3.7	5.3		
f. Unspecified CNS	0	0	1	2	0	3	3	1.4	1.1	0.4	0.4	0	3	2	2	1	7	8	4.0	3.4		
IV NEUROBLASTOMA	15	13	4	2	0	34	34	20.2	15.6	2.1	2.0	8	7	1	0	1	16	17	10.2	8.3		
a. (Ganglio)neuroblastoma	14	13	4	2	0	33	33	19.6	15.2	2.1	2.1	8	7	1	0	0	16	16	10.2	7.9		
b. Peripheral nervous	1	0	0	0	0	1	1	0.6	0.5	-	1.0	0	0	0	0	1	0	1	-	0.3		
V RETINOBLASTOMA	2	7	0	0	0	9	9	5.5	4.3	1.8	1.8	1	4	0	0	0	5	5	3.2	2.5		
VI RENAL TUMOURS	6	10	5	1	2	22	24	12.8	10.6	1.1	1.1	4	12	3	1	2	20	22	12.4	10.3		
a. Nephroblastoma	6	10	5	1	0	22	22	12.8	9.9	1.1	1.0	4	12	3	1	1	20	21	12.4	10.0		
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.7	-	2.0	0	0	0	0	1	0	1	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	3	1	2	1	1	7	8	3.9	3.4	7.0	2.7	0	1	0	0	2	1	3	0.6	1.2		
a. Hepatoblastoma	3	0	2	1	1	6	7	3.3	2.9	6.0	7.0	0	1	0	0	0	1	1	0.6	0.5		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.7		
c. Unspecified	0	1	0	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	3	7	17	10	27	4.7	9.4	0.9	1.5	0	2	0	9	7	11	18	5.6	6.7		
a. Osteosarcoma	0	0	2	2	12	4	16	1.9	5.6	0.8	1.8	0	1	0	4	4	5	9	2.5	3.3		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.3	0.0	0.5	0	0	0	2	0	2	2	1.0	0.7		
c. Ewing & related	0	0	1	5	4	6	10	2.8	3.5	1.5	1.7	0	1	0	3	2	4	6	2.1	2.3		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
IX SOFT TISSUE SARCOMA	3	9	4	5	7	21	28	11.7	11.4	1.8	1.8	2	3	0	7	4	12	16	6.6	6.5		
a. Rhabdomyosarcoma	1	8	1	3	0	13	13	7.4	5.7	4.3	3.3	1	2	0	0	1	3	4	1.9	1.8		
b. Fibrosarcoma	1	0	1	1	0	3	3	1.6	1.2	3.0	3.0	0	0	0	1	0	1	1	0.5	0.4		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	1	2	1	7	5	12	2.7	4.5	1.7	2.0	0	1	0	2	3	3	6	1.6	2.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	4	0	5	5	2.5	2.0		
X GERM CELL TUMOURS	3	1	0	1	29	5	34	2.9	12.1	0.6	2.1	0	0	0	8	8	8	16	3.8	5.7		
a. CNS germ cell	0	0	0	0	3	0	3	-	1.0	0.0	3.0	0	0	0	1	0	1	1	0.5	0.4		
b. Other extragonadal	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	0	1	1	-	0.3		
c. Gonadal germ cell	3	1	0	1	25	5	30	2.9	10.8	1.0	3.3	0	0	0	5	4	5	9	2.4	3.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	3	1	4	0.5	1.4		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.5	0.4		
XI CARCINOMA & MELANOMA	0	2	1	9	26	12	38	5.8	13.4	0.8	0.7	0	0	3	13	42	16	58	7.8	20.4		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.5	0.4		
b. Thyroid	0	0	0	1	3	1	4	0.5	1.4	0.2	0.3	0	0	2	3	8	5	13	2.5	4.7		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
d. Melanoma	0	0	1	4	14	5	19	2.3	6.6	2.5	0.8	0	0	0	2	22	2	24	1.0	8.3		
e. Skin carcinoma	0	1	0	1	2	2	4	1.1	1.5	-	4.0	0	0	0	0	1	0	1	-	0.3		
f. Other & unspecified	0	1	0	3	7	4	11	2.0	3.9	0.5	0.6	0	0	1	7	10	8	18	3.9	6.4		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	39	129	93	87	156	348	504	190.1	200.5	1.4	1.4	21	76	49	95	127	241	368	134.1	147.3		

† includes 40 non-malignant in males and 30 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	125 055	118 851
	1-4	503 808	479 861
	5-9	636 601	603 809
	10-14	638 736	610 191
	15-19	660 101	658 542
Total	0-14	1 904 200	1 812 712
	0-19	2 564 301	2 471 254
Average annual population	0-14	100 221	95 406
	0-19	134 963	130 066

Please consult the quality indicators for this registry