

## FRANCE, Haut-Rhin (1993-2012)

	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	ASR	0-19			0-14
<b>I LEUKAEMIA</b>	7	45	27	18	30	97	127	25.1	100.0	21.4	100.0	39.5	61.8	28.9	19.0	33.2	37.1	36.2	527	693	100.0	0.0
a. Lymphoid	2	33	23	14	14	72	86	18.7	74.2	14.5	67.7	11.3	45.3	24.6	14.8	15.5	27.2	24.6	390	468	100.0	0.0
b. Acute myeloid	3	11	0	1	12	15	27	3.9	15.5	4.5	21.3	16.9	15.1	-	1.1	13.3	6.3	7.9	83	149	100.0	0.0
c. CMD	0	0	2	1	3	3	6	0.8	3.1	1.0	4.7	-	-	2.1	1.1	3.3	1.0	1.5	16	33	100.0	0.0
d. MDS & other	0	1	1	1	0	3	3	0.8	3.1	0.5	2.4	-	1.4	1.1	1.1	-	1.1	0.8	16	16	100.0	0.0
e. Unspecified	2	0	1	1	1	4	5	1.0	4.1	0.8	3.9	11.3	-	1.1	1.1	1.1	1.5	1.4	22	27	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	0	15	22	33	52	70	122	18.1	100.0	20.5	100.0	-	20.6	23.6	34.9	57.5	24.1	31.7	375	663	100.0	0.0
a. Hodgkin	0	0	6	20	40	26	66	6.7	37.1	11.1	54.1	-	-	6.4	21.2	44.3	8.2	16.3	138	359	100.0	0.0
b. Non-Hodgkin except BL	0	7	9	10	10	26	36	6.7	37.1	6.1	29.5	-	9.6	9.6	10.6	11.1	9.2	9.6	140	195	100.0	0.0
c. Burkitt (BL)	0	5	6	3	1	14	15	3.6	20.0	2.5	12.3	-	6.9	6.4	3.2	1.1	5.1	4.2	76	81	100.0	0.0
d. Lymphoreticular	0	3	0	0	0	3	3	0.8	4.3	0.5	2.5	-	4.1	-	-	-	1.3	1.0	17	17	100.0	0.0
e. Unspecified	0	0	1	0	1	1	2	0.3	1.4	0.3	1.6	-	-	1.1	-	1.1	0.3	0.5	5	11	100.0	0.0
<b>III CNS NEOPLASMS †</b>	4	23	27	30	26	84	110	21.8	100.0	18.5	100.0	22.6	31.6	28.9	31.7	28.8	30.1	29.8	452	596	92.7	0.0
a. Ependymoma	0	8	1	0	2	9	11	2.3	10.7	1.9	10.0	-	11.0	1.1	-	2.2	3.8	3.4	50	61	100.0	0.0
b. Astrocytoma	2	7	12	17	9	38	47	9.8	45.2	7.9	42.7	11.3	9.6	12.9	18.0	10.0	13.2	12.5	204	254	95.7	0.0
c. CNS embryonal	2	2	4	1	3	9	12	2.3	10.7	2.0	10.9	11.3	2.7	4.3	1.1	3.3	3.4	3.4	49	65	100.0	0.0
d. Other gliomas	0	5	6	3	5	14	19	3.6	16.7	3.2	17.3	-	6.9	6.4	3.2	5.5	5.1	5.2	76	103	94.7	0.0
e. Other specified	0	0	3	7	7	10	17	2.6	11.9	2.9	15.5	-	-	3.2	7.4	7.7	3.2	4.2	53	92	94.1	0.0
f. Unspecified CNS	0	1	1	2	0	4	4	1.0	4.8	0.7	3.6	-	1.4	1.1	2.1	-	1.4	1.1	21	21	0.0	0.0
<b>IV NEUROBLASTOMA</b>	8	10	3	1	2	22	24	5.7	100.0	4.0	100.0	45.1	13.7	3.2	1.1	2.2	9.0	7.5	121	132	100.0	0.0
a. (Ganglio)neuroblastoma	8	10	3	1	2	22	24	5.7	100.0	4.0	100.0	45.1	13.7	3.2	1.1	2.2	9.0	7.5	121	132	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>V RETINOBLASTOMA</b>	4	6	0	0	0	10	10	2.6	100.0	1.7	100.0	22.6	8.2	-	-	-	4.3	3.3	55	55	80.0	0.0
<b>VI RENAL TUMOURS</b>	3	14	6	0	2	23	25	6.0	100.0	4.2	100.0	16.9	19.2	6.4	-	2.2	9.3	7.7	126	137	100.0	0.0
a. Nephroblastoma	3	14	6	0	0	23	23	6.0	100.0	3.9	92.0	16.9	19.2	6.4	-	-	9.3	7.2	126	126	100.0	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.3	8.0	-	-	-	-	2.2	-	0.5	-	11	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	1	3	1	0	2	5	7	1.3	100.0	1.2	100.0	5.6	4.1	1.1	-	2.2	2.1	2.1	27	39	100.0	0.0
a. Hepatoblastoma	1	3	0	0	0	4	4	1.0	80.0	0.7	57.1	5.6	4.1	-	-	-	1.7	1.3	22	22	100.0	0.0
b. Hepatic carcinoma	0	0	1	0	2	1	3	0.3	20.0	0.5	42.9	-	-	1.1	-	2.2	0.3	0.8	5	16	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	0	6	18	11	24	35	6.2	100.0	5.9	100.0	-	-	6.4	19.0	12.2	7.6	8.6	127	188	100.0	0.0
a. Osteosarcoma	0	0	2	10	5	12	17	3.1	50.0	2.9	48.6	-	-	2.1	10.6	5.5	3.8	4.2	64	91	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.2	2.9	-	-	-	-	1.1	-	0.2	-	6	100.0	0.0
c. Ewing & related	0	0	4	8	5	12	17	3.1	50.0	2.9	48.6	-	-	4.3	8.5	5.5	3.8	4.2	64	91	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IX SOFT TISSUE SARCOMA</b>	0	7	3	11	11	21	32	5.4	100.0	5.4	100.0	-	9.6	3.2	11.6	12.2	7.4	8.5	113	174	100.0	0.0
a. Rhabdomyosarcoma	0	7	3	4	2	14	16	3.6	66.7	2.7	50.0	-	9.6	3.2	4.2	2.2	5.3	4.6	76	87	100.0	0.0
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	0	7	9	7	16	1.8	33.3	2.7	50.0	-	-	-	7.4	10.0	2.1	3.9	37	87	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>X GERM CELL TUMOURS</b>	1	3	3	8	28	15	43	3.9	100.0	7.2	100.0	5.6	4.1	3.2	8.5	31.0	5.2	11.0	80	235	100.0	0.0
a. CNS germ cell	1	0	1	3	3	5	8	1.3	33.3	1.3	18.6	5.6	-	1.1	3.2	3.3	1.7	2.1	27	43	100.0	0.0
b. Other extragonadal	0	2	1	0	1	3	4	0.8	20.0	0.7	9.3	-	2.7	1.1	-	1.1	1.2	1.2	16	22	100.0	0.0
c. Gonadal germ cell	0	1	1	5	22	7	29	1.8	46.7	4.9	67.4	-	1.4	1.1	5.3	24.3	2.3	7.3	37	159	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.3	4.7	-	-	-	-	2.2	-	0.5	-	11	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>XI CARCINOMA &amp; MELANOMA</b>	1	0	2	12	42	15	57	3.9	100.0	9.6	100.0	5.6	-	2.1	12.7	46.5	4.8	14.2	80	312	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	6	9	6	15	1.6	40.0	2.5	26.3	-	-	-	6.3	10.0	1.8	3.7	32	82	100.0	0.0
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.3	3.5	-	-	-	-	2.2	-	0.5	-	11	100.0	0.0
d. Melanoma	1	0	2	5	26	8	34	2.1	53.3	5.7	59.6	5.6	-	2.1	5.3	28.8	2.7	8.5	43	187	100.0	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.2	1.8	-	-	-	-	1.1	-	0.2	-	6	100.0	0.0
f. Other & unspecified	0	0	0	1	4	1	5	0.3	6.7	0.8	8.8	-	-	-	1.1	4.4	0.3	1.2	5	27	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	2	0	2	-	-	0.3	100.0	-	-	-	-	2.2	-	0.5	-	11	50.0	0.0
a. Other specified	0	0	0	0	1	0	1	-	-	0.2	50.0	-	-	-	-	1.1	-	0.2	-	6	100.0	0.0
b. Other unspecified	0	0	0	0	1	0	1	-	-	0.2	50.0	-	-	-	-	1.1	-	0.2	-	6	0.0	0.0
<b>TOTAL</b>	29	126	100	131	208	386	594	100.0	100.0	100.0	100.0	163.6	173.0	107.1	138.6	230.2	141.0	161.1	2084	3235	98.1	0.0

† includes 44 non-malignant

Please consult the quality indicators for this registry

## FRANCE, Haut-Rhin (1993-2012)

	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		
<b>I LEUKAEMIA</b>	2	20	17	11	13	50	63	36.5	34.6	1.1	1.0	5	25	10	7	17	47	64	37.6	37.9		
a. Lymphoid	1	14	14	7	9	36	45	26.2	24.7	1.0	1.1	1	19	9	7	5	36	41	28.2	24.4		
b. Acute myeloid	1	5	0	1	3	7	10	5.6	5.8	0.9	0.6	2	6	0	0	9	8	17	7.0	10.0		
c. CMD	0	0	1	1	1	2	3	1.3	1.5	2.0	1.0	0	0	1	0	2	1	3	0.7	1.6		
d. MDS & other	0	1	1	1	0	3	3	2.1	1.6	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	1	1	0	2	2	1.3	1.0	1.0	0.7	2	0	0	0	1	2	3	1.7	1.9		
<b>II LYMPHOMA &amp; RELATED</b>	0	10	17	22	20	49	69	33.1	35.3	2.3	1.3	0	5	5	11	32	21	53	14.8	27.9		
a. Hodgkin	0	0	4	13	13	17	30	10.5	14.4	1.9	0.8	0	0	2	7	27	9	36	5.8	18.4		
b. Non-Hodgkin except BL	0	6	6	8	6	20	26	13.9	13.7	3.3	2.6	0	1	3	2	4	6	10	4.2	5.3		
c. Burkitt (BL)	0	3	6	1	0	10	10	7.2	5.6	2.5	2.0	0	2	0	2	1	4	5	3.0	2.8		
d. Lymphoreticular	0	1	0	0	0	1	1	0.8	0.6	0.5	0.5	0	2	0	0	0	2	2	1.7	1.4		
e. Unspecified	0	0	1	0	1	1	2	0.7	1.0	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS †</b>	4	13	15	13	12	45	57	32.2	30.8	1.2	1.1	0	10	12	17	14	39	53	27.9	28.8		
a. Ependymoma	0	6	1	0	2	7	9	5.7	5.4	3.5	4.5	0	2	0	0	0	2	2	1.7	1.4		
b. Astrocytoma	2	2	5	10	5	19	24	12.8	12.3	1.0	1.0	0	5	7	7	4	19	23	13.7	12.7		
c. CNS embryonal	2	2	4	1	1	9	10	6.7	5.6	-	5.0	0	0	0	0	2	0	2	-	1.0		
d. Other gliomas	0	2	3	0	1	5	6	3.7	3.4	0.6	0.5	0	3	3	3	4	9	13	6.6	7.2		
e. Other specified	0	0	2	2	3	4	7	2.6	3.4	0.7	0.7	0	0	1	5	4	6	10	3.8	5.0		
f. Unspecified CNS	0	1	0	0	0	1	1	0.8	0.6	0.3	0.3	0	0	1	2	0	3	3	2.0	1.5		
<b>IV NEUROBLASTOMA</b>	3	7	3	1	2	14	16	11.0	9.5	1.8	2.0	5	3	0	0	0	8	8	7.0	5.4		
a. (Ganglio)neuroblastoma	3	7	3	1	2	14	16	11.0	9.5	1.8	2.0	5	3	0	0	0	8	8	7.0	5.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	3	3	0	0	0	6	6	5.0	3.9	1.5	1.5	1	3	0	0	0	4	4	3.5	2.7		
<b>VI RENAL TUMOURS</b>	2	7	4	0	0	13	13	10.2	7.9	1.3	1.1	1	7	2	0	2	10	12	8.4	7.5		
a. Nephroblastoma	2	7	4	0	0	13	13	10.2	7.9	1.3	1.3	1	7	2	0	0	10	10	8.4	6.5		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.0		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	0	1	1	0	1	2	3	1.5	1.7	0.7	0.8	1	2	0	0	1	3	4	2.6	2.5		
a. Hepatoblastoma	0	1	0	0	0	1	1	0.8	0.6	0.3	0.3	1	2	0	0	0	3	3	2.6	2.0		
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.7	1.0	-	2.0	0	0	0	0	1	0	1	-	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	5	8	7	13	20	8.2	9.7	1.2	1.3	0	0	1	10	4	11	15	7.0	7.5		
a. Osteosarcoma	0	0	2	3	4	5	9	3.2	4.4	0.7	1.1	0	0	0	7	1	7	8	4.4	3.9		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
c. Ewing & related	0	0	3	5	3	8	11	5.0	5.4	2.0	1.8	0	0	1	3	2	4	6	2.6	3.0		
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	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	0	5	1	3	8	9	17	6.7	9.0	0.8	1.1	0	2	2	8	3	12	15	8.2	7.9		
a. Rhabdomyosarcoma	0	5	1	1	1	7	8	5.5	4.7	1.0	1.0	0	2	2	3	1	7	8	5.0	4.4		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	2	7	2	9	1.2	4.3	0.4	1.3	0	0	0	5	2	5	7	3.1	3.5		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>X GERM CELL TUMOURS</b>	0	1	2	5	23	8	31	5.2	15.1	1.1	2.6	1	2	1	3	5	7	12	5.2	6.6		
a. CNS germ cell	0	0	1	2	3	3	6	1.9	2.9	1.5	3.0	1	0	0	1	0	2	2	1.5	1.2		
b. Other extragonadal	0	0	1	0	1	1	2	0.7	1.0	0.5	1.0	0	2	0	0	0	2	2	1.7	1.4		
c. Gonadal germ cell	0	1	0	3	19	4	23	2.6	11.2	1.3	3.8	0	0	1	2	3	3	6	2.0	3.1		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	1	0	1	4	18	6	24	3.9	11.7	0.7	0.7	0	0	1	8	24	9	33	5.7	16.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	1	1	1	2	0.6	0.9	0.2	0.2	0	0	0	5	8	5	13	3.1	6.5		
c. Nasopharyngeal	0	0	0	0	2	0	2	-	1.0	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	1	0	1	3	13	5	18	3.3	8.8	1.7	1.1	0	0	1	2	13	3	16	2.0	8.2		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.5	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	0	1	0	1	-	0.5	0.0	0.3	0	0	0	1	3	1	4	0.6	2.0		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.0		
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
<b>TOTAL</b>	15	67	66	67	104	215	319	153.6	169.2	1.3	1.2	14	59	34	64	104	171	275	127.9	152.6		

† includes 24 non-malignant in males and 20 non-malignant in females

Please consult the quality indicators for this registry

## FRANCE, Haut-Rhin (1993-2012)

	Age group	Males	Females
Person-years	0	90 677	86 554
	1-4	371 781	356 639
	5-9	476 584	457 046
	10-14	482 377	463 053
	15-19	466 300	437 396
Total	0-14	1 421 419	1 363 292
	0-19	1 887 719	1 800 688
Average annual population	0-14	71 071	68 165
	0-19	94 386	90 034

Please consult the quality indicators for this registry