

FRANCE, Calvados (1990-2012)

	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	4	42	37	24	26	107	133	26.5	100.0	21.3	100.0	21.6	55.4	37.9	23.9	23.8	38.0	34.8	553	672	100.0	0.0
a. Lymphoid	0	30	28	16	10	74	84	18.3	69.2	13.4	63.2	-	39.6	28.7	16.0	9.2	26.2	22.4	382	428	100.0	0.0
b. Acute myeloid	2	10	3	3	9	18	27	4.5	16.8	4.3	20.3	10.8	13.2	3.1	3.0	8.2	6.8	7.1	94	135	100.0	0.0
c. CMD	0	0	0	0	6	0	6	-	-	1.0	4.5	-	-	-	-	5.5	-	1.2	-	27	100.0	0.0
d. MDS & other	2	1	2	0	1	5	6	1.2	4.7	1.0	4.5	10.8	1.3	2.0	-	0.9	1.9	1.7	26	31	100.0	0.0
e. Unspecified	0	1	4	5	0	10	10	2.5	9.3	1.6	7.5	-	1.3	4.1	5.0	-	3.2	2.5	51	51	100.0	0.0
II LYMPHOMA & RELATED	1	8	11	38	64	58	122	14.4	100.0	19.5	100.0	5.4	10.5	11.3	37.9	58.7	18.3	27.4	294	587	100.0	0.0
a. Hodgkin	0	0	1	25	46	26	72	6.4	44.8	11.5	59.0	-	-	1.0	24.9	42.2	7.6	15.4	130	341	100.0	0.0
b. Non-Hodgkin except BL	0	4	5	10	15	19	34	4.7	32.8	5.4	27.9	-	5.3	5.1	10.0	13.7	6.2	7.9	97	165	100.0	0.0
c. Burkitt (BL)	0	1	3	2	2	6	8	1.5	10.3	1.3	6.6	-	1.3	3.1	2.0	1.8	2.0	1.9	31	40	100.0	0.0
d. Lymphoreticular	1	3	0	0	1	4	5	1.0	6.9	0.8	4.1	5.4	4.0	-	-	0.9	1.6	1.5	21	26	100.0	0.0
e. Unspecified	0	0	2	1	0	3	3	0.7	5.2	0.5	2.5	-	-	2.0	1.0	-	0.9	0.7	15	15	100.0	0.0
III CNS NEOPLASMS †	3	27	30	34	22	94	116	23.3	100.0	18.6	100.0	16.2	35.6	30.7	33.9	20.2	32.1	29.4	482	583	92.2	0.0
a. Ependymoma	1	4	4	2	4	11	15	2.7	11.7	2.4	12.9	5.4	5.3	4.1	2.0	3.7	4.0	3.9	57	75	100.0	0.0
b. Astrocytoma	1	13	10	10	8	34	42	8.4	36.2	6.7	36.2	5.4	17.1	10.2	10.0	7.3	11.9	10.9	175	212	88.1	0.0
c. CNS embryonal	1	3	9	6	2	19	21	4.7	20.2	3.4	18.1	5.4	4.0	9.2	6.0	1.8	6.4	5.3	97	106	100.0	0.0
d. Other gliomas	0	4	4	10	5	18	23	4.5	19.1	3.7	19.8	-	5.3	4.1	10.0	4.6	5.9	5.6	92	114	87.0	0.0
e. Other specified	0	1	3	6	3	10	13	2.5	10.6	2.1	11.2	-	1.3	3.1	6.0	2.7	3.1	3.1	51	64	100.0	0.0
f. Unspecified CNS	0	2	0	0	0	2	2	0.5	2.1	0.3	1.7	-	2.6	-	-	-	0.8	0.6	11	11	50.0	0.0
IV NEUROBLASTOMA	7	12	1	0	0	20	20	5.0	100.0	3.2	100.0	37.8	15.8	1.0	-	-	8.1	6.3	106	106	100.0	0.0
a. (Ganglio)neuroblastoma	7	12	1	0	0	20	20	5.0	100.0	3.2	100.0	37.8	15.8	1.0	-	-	8.1	6.3	106	106	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	10	5	0	0	0	15	15	3.7	100.0	2.4	100.0	54.0	6.6	-	-	-	6.2	4.8	79	79	66.7	0.0
VI RENAL TUMOURS	3	15	4	0	5	22	27	5.4	100.0	4.3	100.0	16.2	19.8	4.1	-	4.6	8.7	7.8	116	139	100.0	0.0
a. Nephroblastoma	3	15	4	0	3	22	25	5.4	100.0	4.0	92.6	16.2	19.8	4.1	-	2.7	8.7	7.4	116	130	100.0	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.3	7.4	-	-	-	-	1.8	-	0.4	-	9	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	0	2	0	0	1	2	3	0.5	100.0	0.5	100.0	-	2.6	-	-	0.9	0.8	0.8	11	15	100.0	0.0
a. Hepatoblastoma	0	2	0	0	0	2	2	0.5	100.0	0.3	66.7	-	2.6	-	-	-	0.8	0.6	11	11	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	33.3	-	-	-	-	0.9	-	0.2	-	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	6	14	18	21	39	5.2	100.0	6.2	100.0	-	1.3	6.1	14.0	16.5	6.4	8.7	106	188	100.0	0.0
a. Osteosarcoma	0	0	2	7	8	9	17	2.2	42.9	2.7	43.6	-	-	2.0	7.0	7.3	2.7	3.7	45	82	100.0	0.0
b. Chondrosarcoma	0	0	0	3	3	3	6	0.7	14.3	1.0	15.4	-	-	-	3.0	2.7	0.9	1.3	15	29	100.0	0.0
c. Ewing & related	0	1	4	4	6	9	15	2.2	42.9	2.4	38.5	-	1.3	4.1	4.0	5.5	2.9	3.5	46	73	100.0	0.0
d. Other specified	0	0	0	0	1	0	1	-	-	0.2	2.6	-	-	-	-	0.9	-	0.2	-	5	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	0	13	8	6	13	27	40	6.7	100.0	6.4	100.0	-	17.1	8.2	6.0	11.9	9.7	10.2	140	199	100.0	0.0
a. Rhabdomyosarcoma	0	10	4	3	1	17	18	4.2	63.0	2.9	45.0	-	13.2	4.1	3.0	0.9	6.3	5.1	88	93	100.0	0.0
b. Fibrosarcoma	0	0	0	1	0	1	1	0.2	3.7	0.2	2.5	-	-	-	1.0	-	0.3	0.2	5	5	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	1	3	2	10	6	16	1.5	22.2	2.6	40.0	-	1.3	3.1	2.0	9.2	2.0	3.6	31	76	100.0	0.0
e. Unspecified	0	2	1	0	2	3	5	0.7	11.1	0.8	12.5	-	2.6	1.0	-	1.8	1.2	1.3	16	25	100.0	0.0
X GERM CELL TUMOURS	4	3	2	7	23	16	39	4.0	100.0	6.2	100.0	21.6	4.0	2.0	7.0	21.1	5.6	9.1	82	188	100.0	0.0
a. CNS germ cell ‡	0	1	0	5	1	6	7	1.5	37.5	1.1	17.9	-	1.3	-	5.0	0.9	1.9	1.6	30	35	100.0	0.0
b. Other extragonadal	2	0	1	0	1	3	4	0.7	18.8	0.6	10.3	10.8	-	1.0	-	0.9	1.2	1.1	16	20	100.0	0.0
c. Gonadal germ cell	2	2	1	1	20	6	26	1.5	37.5	4.2	66.7	10.8	2.6	1.0	1.0	18.3	2.3	5.9	31	123	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	1	1	1	2	0.2	6.3	0.3	5.1	-	-	-	1.0	0.9	0.3	0.4	5	10	100.0	0.0
XI CARCINOMA & MELANOMA	0	2	7	11	46	20	66	5.0	100.0	10.6	100.0	-	2.6	7.2	11.0	42.2	6.3	14.4	101	312	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.2	5.0	0.2	1.5	-	1.3	-	-	-	0.4	0.3	5	5	100.0	0.0
b. Thyroid	0	0	6	7	25	13	38	3.2	65.0	6.1	57.6	-	-	6.1	7.0	22.9	4.0	8.3	66	180	100.0	0.0
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.2	1.5	-	-	-	-	0.9	-	0.2	-	5	100.0	0.0
d. Melanoma	0	0	0	1	12	1	13	0.2	5.0	2.1	19.7	-	-	-	1.0	11.0	0.3	2.7	5	60	100.0	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.2	1.5	-	-	-	-	0.9	-	0.2	-	5	100.0	0.0
f. Other & unspecified	0	1	1	3	7	5	12	1.2	25.0	1.9	18.2	-	1.3	1.0	3.0	6.4	1.6	2.7	25	57	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	1	1	3	2	5	0.5	100.0	0.8	100.0	-	-	1.0	1.0	2.7	0.6	1.1	10	24	100.0	0.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	0	1	1	3	2	5	0.5	100.0	0.8	100.0	-	-	1.0	1.0	2.7	0.6	1.1	10	24	100.0	0.0
TOTAL	32	130	107	135	221	404	625	100.0	100.0	100.0	100.0	172.7	171.4	109.5	134.7	202.5	140.9	154.7	2079	3092	97.8	0.0

† includes 41 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

FRANCE, Calvados (1990-2012)

	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	1	15	18	13	16	47	63	31.9	31.3	0.8	0.9	3	27	19	11	10	60	70	44.5	38.6		
a. Lymphoid	0	11	13	9	8	33	41	22.4	20.6	0.8	1.0	0	19	15	7	2	41	43	30.2	24.2		
b. Acute myeloid	0	4	3	2	5	9	14	6.3	6.9	1.0	1.1	2	6	0	1	4	9	13	7.3	7.3		
c. CMD	0	0	0	0	3	0	3	-	1.2	-	1.0	0	0	0	0	3	0	3	-	1.2		
d. MDS & other	1	0	0	0	0	1	1	0.8	0.6	0.3	0.2	1	1	2	0	1	4	5	3.0	2.8		
e. Unspecified	0	0	2	2	0	4	4	2.4	1.9	0.7	0.7	0	1	2	3	0	6	6	4.0	3.1		
II LYMPHOMA & RELATED	0	4	8	20	31	32	63	19.8	28.0	1.2	1.1	1	4	3	18	33	26	59	16.8	26.7		
a. Hodgkin	0	0	1	11	21	12	33	6.9	14.0	0.9	0.8	0	0	0	14	25	14	39	8.3	16.8		
b. Non-Hodgkin except BL	0	3	3	6	8	12	20	7.8	9.3	1.7	1.4	0	1	2	4	7	7	14	4.5	6.4		
c. Burkitt (BL)	0	1	3	2	2	6	8	3.9	3.8	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	1	3	0	0	1	4	5	3.4	3.0		
e. Unspecified	0	0	1	1	0	2	2	1.2	0.9	2.0	2.0	0	0	1	0	0	1	1	0.7	0.5		
III CNS NEOPLASMS †	0	13	19	24	12	56	68	36.4	33.1	1.5	1.4	3	14	11	10	10	38	48	27.6	25.5		
a. Ependymoma	0	3	1	2	3	6	9	4.2	4.5	1.2	1.5	1	1	3	0	1	5	6	3.7	3.3		
b. Astrocytoma	0	4	6	7	4	17	21	11.1	10.2	1.0	1.0	1	9	4	3	4	17	21	12.9	11.6		
c. CNS embryonal	0	2	6	4	2	12	14	7.8	6.8	1.7	2.0	1	1	3	2	0	7	7	4.9	3.8		
d. Other gliomas	0	2	3	8	2	13	15	8.1	7.1	2.6	1.9	0	2	1	2	3	5	8	3.5	4.0		
e. Other specified	0	1	3	3	1	7	8	4.5	3.9	2.3	1.6	0	0	0	3	2	3	5	1.8	2.2		
f. Unspecified CNS	0	1	0	0	0	1	1	0.8	0.6	1.0	1.0	0	1	0	0	0	1	1	0.8	0.7		
IV NEUROBLASTOMA	2	7	1	0	0	10	10	7.9	6.1	1.0	1.0	5	5	0	0	0	10	10	8.4	6.5		
a. (Ganglio)neuroblastoma	2	7	1	0	0	10	10	7.9	6.1	1.0	1.0	5	5	0	0	0	10	10	8.4	6.5		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	6	2	0	0	0	8	8	6.4	5.0	1.1	1.1	4	3	0	0	0	7	7	5.9	4.6		
VI RENAL TUMOURS	1	10	1	0	3	12	15	9.5	8.6	1.2	1.3	2	5	3	0	2	10	12	7.9	7.0		
a. Nephroblastoma	1	10	1	0	2	12	14	9.5	8.2	1.2	1.3	2	5	3	0	1	10	11	7.9	6.5		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	2	0	0	1	2	3	1.7	1.7		
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	2	0	0	0	2	2	1.7	1.3		
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	0	-	-		
VIII BONE TUMOURS	0	0	5	8	7	13	20	7.8	8.9	1.6	1.1	0	1	1	6	11	8	19	5.1	8.5		
a. Osteosarcoma	0	0	1	3	2	4	6	2.4	2.6	0.8	0.5	0	0	1	4	6	5	11	3.0	4.8		
b. Chondrosarcoma	0	0	0	1	1	1	2	0.6	0.9	0.5	0.5	0	0	0	2	2	2	4	1.2	1.7		
c. Ewing & related	0	0	4	4	3	8	11	4.9	5.0	8.0	2.8	0	1	0	0	3	1	4	0.8	1.9		
d. Other specified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	0	6	3	4	8	13	21	9.0	10.3	0.9	1.1	0	7	5	2	5	14	19	10.4	10.2		
a. Rhabdomyosarcoma	0	5	2	3	1	10	11	7.0	5.8	1.4	1.6	0	5	2	0	0	7	7	5.5	4.3		
b. Fibrosarcoma	0	0	0	1	0	1	1	0.6	0.4	-	-	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	1	1	0	6	2	8	1.4	3.6	0.5	1.0	0	0	2	2	4	4	8	2.5	3.6		
e. Unspecified	0	0	0	0	1	0	1	-	0.4	0.0	0.3	0	2	1	0	1	3	4	2.4	2.2		
X GERM CELL TUMOURS	4	2	1	5	20	12	32	8.3	14.6	3.0	4.6	0	1	1	2	3	4	7	2.7	3.3		
a. CNS germ cell ‡	0	0	0	4	1	4	5	2.3	2.2	2.0	2.5	0	1	0	1	0	2	2	1.4	1.1		
b. Other extragonadal	2	0	1	0	1	3	4	2.3	2.2	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	2	2	0	1	17	5	22	3.8	9.9	5.0	5.5	0	0	1	0	3	1	4	0.7	1.8		
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	-	0.4	0.0	1.0	0	0	0	1	0	1	1	0.6	0.5		
XI CARCINOMA & MELANOMA	0	1	3	3	16	7	23	4.5	10.0	0.5	0.5	0	1	4	8	30	13	43	8.3	18.8		
a. Adrenocortical	0	1	0	0	0	1	1	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	2	1	6	3	9	1.9	3.9	0.3	0.3	0	0	4	6	19	10	29	6.2	12.7		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	7	0	7	-	2.9	0.0	1.2	0	0	0	1	5	1	6	0.6	2.5		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
f. Other & unspecified	0	0	1	2	2	3	5	1.8	2.2	1.5	0.7	0	1	0	1	5	2	7	1.4	3.2		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.4	0.0	0.3	0	0	1	1	2	2	4	1.3	1.8		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	1	0	1	-	0.4	0.0	0.3	0	0	1	1	2	2	4	1.3	1.8		
TOTAL	14	60	59	77	114	210	324	141.3	156.3	1.1	1.1	18	70	48	58	107	194	301	140.5	153.2		

† includes 21 non-malignant in males and 20 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

FRANCE, Calvados (1990-2012)

	Age group	Males	Females
Person-years	0	94 720	90 540
	1-4	388 294	370 213
	5-9	498 036	478 881
	10-14	510 132	492 394
	15-19	548 751	542 446
Total	0-14	1 491 182	1 432 028
	0-19	2 039 933	1 974 474
Average annual population	0-14	64 834	62 262
	0-19	88 693	85 847

Please consult the quality indicators for this registry