

FRANCE, Loire-Atlantique and Vendée (1998-2012)

| | 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 |
| I LEUKAEMIA | 24 | 87 | 68 | 38 | 58 | 217 | 275 | 28.3 | 100.0 | 23.3 | 100.0 | 70.7 | 62.8 | 39.3 | 21.9 | 32.8 | 44.0 | 41.4 | 628 | 792 | 100.0 | 0.0 |
| a. Lymphoid | 10 | 70 | 59 | 29 | 24 | 168 | 192 | 21.9 | 77.4 | 16.3 | 69.8 | 29.5 | 50.6 | 34.1 | 16.7 | 13.6 | 33.8 | 29.3 | 486 | 554 | 100.0 | 0.0 |
| b. Acute myeloid | 7 | 9 | 5 | 4 | 25 | 25 | 50 | 3.3 | 11.5 | 4.2 | 18.2 | 20.6 | 6.5 | 2.9 | 2.3 | 14.1 | 5.2 | 7.2 | 72 | 143 | 100.0 | 0.0 |
| c. CMD | 0 | 1 | 0 | 4 | 5 | 5 | 10 | 0.7 | 2.3 | 0.8 | 3.6 | - | 0.7 | - | 2.3 | 2.8 | 0.9 | 1.3 | 14 | 29 | 100.0 | 0.0 |
| d. MDS & other | 6 | 5 | 2 | 0 | 3 | 13 | 16 | 1.7 | 6.0 | 1.4 | 5.8 | 17.7 | 3.6 | 1.2 | - | 1.7 | 2.8 | 2.6 | 38 | 46 | 100.0 | 0.0 |
| e. Unspecified | 1 | 2 | 2 | 1 | 1 | 6 | 7 | 0.8 | 2.8 | 0.6 | 2.5 | 2.9 | 1.4 | 1.2 | 0.6 | 0.6 | 1.2 | 1.1 | 17 | 20 | 100.0 | 0.0 |
| II LYMPHOMA & RELATED | 3 | 12 | 36 | 51 | 111 | 102 | 213 | 13.3 | 100.0 | 18.0 | 100.0 | 8.8 | 8.7 | 20.8 | 29.4 | 62.7 | 18.6 | 28.5 | 295 | 608 | 100.0 | 0.0 |
| a. Hodgkin | 0 | 0 | 5 | 28 | 84 | 33 | 117 | 4.3 | 32.4 | 9.9 | 54.9 | - | - | 2.9 | 16.2 | 47.4 | 5.6 | 15.0 | 95 | 333 | 100.0 | 0.0 |
| b. Non-Hodgkin except BL | 0 | 3 | 15 | 10 | 26 | 28 | 54 | 3.7 | 27.5 | 4.6 | 25.4 | - | 2.2 | 8.7 | 5.8 | 14.7 | 5.1 | 7.3 | 81 | 154 | 100.0 | 0.0 |
| c. Burkitt (BL) | 0 | 5 | 16 | 12 | 1 | 33 | 34 | 4.3 | 32.4 | 2.9 | 16.0 | - | 3.6 | 9.2 | 6.9 | 0.6 | 6.1 | 4.9 | 95 | 98 | 100.0 | 0.0 |
| d. Lymphoreticular | 3 | 4 | 0 | 0 | 0 | 7 | 7 | 0.9 | 6.9 | 0.6 | 3.3 | 8.8 | 2.9 | - | - | - | 1.6 | 1.2 | 20 | 20 | 100.0 | 0.0 |
| e. Unspecified | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0.1 | 1.0 | 0.1 | 0.5 | - | - | - | 0.6 | - | 0.2 | 0.1 | 3 | 3 | 100.0 | 0.0 |
| III CNS NEOPLASMS † | 5 | 52 | 56 | 48 | 37 | 161 | 198 | 21.0 | 100.0 | 16.8 | 100.0 | 14.7 | 37.6 | 32.3 | 27.7 | 20.9 | 31.3 | 28.9 | 466 | 570 | 86.9 | 0.0 |
| a. Ependymoma | 0 | 7 | 4 | 0 | 4 | 11 | 15 | 1.4 | 6.8 | 1.3 | 7.6 | - | 5.1 | 2.3 | - | 2.3 | 2.3 | 2.3 | 32 | 43 | 100.0 | 0.0 |
| b. Astrocytoma | 3 | 19 | 24 | 12 | 12 | 58 | 70 | 7.6 | 36.0 | 5.9 | 35.4 | 8.8 | 13.7 | 13.9 | 6.9 | 6.8 | 11.4 | 10.4 | 168 | 202 | 91.4 | 0.0 |
| c. CNS embryonal | 0 | 13 | 10 | 12 | 6 | 35 | 41 | 4.6 | 21.7 | 3.5 | 20.7 | - | 9.4 | 5.8 | 6.9 | 3.4 | 6.8 | 6.0 | 101 | 118 | 100.0 | 0.0 |
| d. Other gliomas | 0 | 3 | 5 | 4 | 2 | 12 | 14 | 1.6 | 7.5 | 1.2 | 7.1 | - | 2.2 | 2.9 | 2.3 | 1.1 | 2.3 | 2.0 | 35 | 40 | 78.6 | 0.0 |
| e. Other specified | 1 | 9 | 6 | 13 | 12 | 29 | 41 | 3.8 | 18.0 | 3.5 | 20.7 | 2.9 | 6.5 | 3.5 | 7.5 | 6.8 | 5.5 | 5.8 | 84 | 118 | 100.0 | 0.0 |
| f. Unspecified CNS | 1 | 1 | 7 | 7 | 1 | 16 | 17 | 2.1 | 9.9 | 1.4 | 8.6 | 2.9 | 0.7 | 4.0 | 4.0 | 0.6 | 2.9 | 2.4 | 46 | 49 | 0.0 | 0.0 |
| IV NEUROBLASTOMA | 25 | 26 | 11 | 4 | 2 | 66 | 68 | 8.6 | 100.0 | 5.8 | 100.0 | 73.6 | 18.8 | 6.4 | 2.3 | 1.1 | 14.2 | 11.2 | 191 | 197 | 100.0 | 0.0 |
| a. (Ganglio)neuroblastoma | 25 | 26 | 10 | 4 | 1 | 65 | 66 | 8.5 | 98.5 | 5.6 | 97.1 | 73.6 | 18.8 | 5.8 | 2.3 | 0.6 | 14.0 | 11.0 | 188 | 191 | 100.0 | 0.0 |
| b. Peripheral nervous | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0.1 | 1.5 | 0.2 | 2.9 | - | - | 0.6 | - | 0.6 | 0.2 | 0.3 | 3 | 6 | 100.0 | 0.0 |
| V RETINOBLASTOMA | 6 | 9 | 0 | 0 | 0 | 15 | 15 | 2.0 | 100.0 | 1.3 | 100.0 | 17.7 | 6.5 | - | - | - | 3.4 | 2.6 | 44 | 44 | 53.3 | 0.0 |
| VI RENAL TUMOURS | 11 | 30 | 10 | 1 | 5 | 52 | 57 | 6.8 | 100.0 | 4.8 | 100.0 | 32.4 | 21.7 | 5.8 | 0.6 | 2.8 | 11.2 | 9.3 | 151 | 165 | 100.0 | 0.0 |
| a. Nephroblastoma | 11 | 30 | 10 | 1 | 1 | 52 | 53 | 6.8 | 100.0 | 4.5 | 93.0 | 32.4 | 21.7 | 5.8 | 0.6 | 0.6 | 11.2 | 8.8 | 151 | 153 | 100.0 | 0.0 |
| b. Renal carcinoma | 0 | 0 | 0 | 0 | 4 | 0 | 4 | - | - | 0.3 | 7.0 | - | - | - | - | 2.3 | - | 0.5 | - | 11 | 100.0 | 0.0 |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| VII HEPATIC TUMOURS | 1 | 2 | 2 | 2 | 2 | 7 | 9 | 0.9 | 100.0 | 0.8 | 100.0 | 2.9 | 1.4 | 1.2 | 1.2 | 1.1 | 1.4 | 1.3 | 20 | 26 | 100.0 | 0.0 |
| a. Hepatoblastoma | 1 | 2 | 2 | 2 | 0 | 7 | 7 | 0.9 | 100.0 | 0.6 | 77.8 | 2.9 | 1.4 | 1.2 | 1.2 | - | 1.4 | 1.1 | 20 | 20 | 100.0 | 0.0 |
| b. Hepatic carcinoma | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | - | 0.2 | 22.2 | - | - | - | - | 1.1 | - | 0.3 | - | 6 | 100.0 | 0.0 |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| VIII BONE TUMOURS | 0 | 2 | 7 | 25 | 42 | 34 | 76 | 4.4 | 100.0 | 6.4 | 100.0 | - | 1.4 | 4.0 | 14.4 | 23.7 | 5.9 | 9.9 | 98 | 217 | 98.7 | 0.0 |
| a. Osteosarcoma | 0 | 0 | 3 | 12 | 18 | 15 | 33 | 2.0 | 44.1 | 2.8 | 43.4 | - | - | 1.7 | 6.9 | 10.2 | 2.6 | 4.3 | 43 | 94 | 100.0 | 0.0 |
| b. Chondrosarcoma | 0 | 0 | 0 | 0 | 5 | 0 | 5 | - | - | 0.4 | 6.6 | - | - | - | - | 2.8 | - | 0.6 | - | 14 | 100.0 | 0.0 |
| c. Ewing & related | 0 | 2 | 4 | 9 | 17 | 15 | 32 | 2.0 | 44.1 | 2.7 | 42.1 | - | 1.4 | 2.3 | 5.2 | 9.6 | 2.7 | 4.3 | 43 | 91 | 100.0 | 0.0 |
| d. Other specified | 0 | 0 | 0 | 3 | 1 | 3 | 4 | 0.4 | 8.8 | 0.3 | 5.3 | - | - | - | 1.7 | 0.6 | 0.5 | 0.5 | 9 | 11 | 100.0 | 0.0 |
| e. Unspecified | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0.1 | 2.9 | 0.2 | 2.6 | - | - | - | 0.6 | 0.6 | 0.2 | 0.3 | 3 | 6 | 50.0 | 0.0 |
| IX SOFT TISSUE SARCOMA | 5 | 20 | 21 | 11 | 23 | 57 | 80 | 7.4 | 100.0 | 6.8 | 100.0 | 14.7 | 14.4 | 12.1 | 6.4 | 13.0 | 11.4 | 11.7 | 165 | 230 | 100.0 | 0.0 |
| a. Rhabdomyosarcoma | 3 | 14 | 11 | 6 | 7 | 34 | 41 | 4.4 | 59.6 | 3.5 | 51.2 | 8.8 | 10.1 | 6.4 | 3.5 | 4.0 | 6.9 | 6.2 | 98 | 118 | 100.0 | 0.0 |
| b. Fibrosarcoma | 0 | 1 | 1 | 0 | 4 | 2 | 6 | 0.3 | 3.5 | 0.5 | 7.5 | - | 0.7 | 0.6 | - | 2.3 | 0.4 | 0.8 | 6 | 17 | 100.0 | 0.0 |
| c. Kaposi sarcoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| d. Other specified | 2 | 5 | 9 | 5 | 11 | 21 | 32 | 2.7 | 36.8 | 2.7 | 40.0 | 5.9 | 3.6 | 5.2 | 2.9 | 6.2 | 4.1 | 4.6 | 61 | 92 | 100.0 | 0.0 |
| e. Unspecified | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | - | 0.1 | 1.3 | - | - | - | - | 0.6 | - | 0.1 | - | 3 | 100.0 | 0.0 |
| X GERM CELL TUMOURS | 11 | 7 | 7 | 5 | 51 | 30 | 81 | 3.9 | 100.0 | 6.9 | 100.0 | 32.4 | 5.1 | 4.0 | 2.9 | 28.8 | 6.2 | 11.3 | 87 | 231 | 97.5 | 0.0 |
| a. CNS germ cell ‡ | 3 | 0 | 3 | 2 | 6 | 8 | 14 | 1.0 | 26.7 | 1.2 | 17.3 | 8.8 | - | 1.7 | 1.2 | 3.4 | 1.6 | 2.0 | 23 | 40 | 85.7 | 0.0 |
| b. Other extragonadal | 7 | 2 | 0 | 0 | 6 | 9 | 15 | 1.2 | 30.0 | 1.3 | 18.5 | 20.6 | 1.4 | - | - | 3.4 | 2.0 | 2.3 | 26 | 43 | 100.0 | 0.0 |
| c. Gonadal germ cell | 1 | 5 | 4 | 3 | 36 | 13 | 49 | 1.7 | 43.3 | 4.1 | 60.5 | 2.9 | 3.6 | 2.3 | 1.7 | 20.3 | 2.6 | 6.6 | 38 | 139 | 100.0 | 0.0 |
| d. Gonadal carcinoma | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | - | 0.3 | 3.7 | - | - | - | - | 1.7 | - | 0.4 | - | 8 | 100.0 | 0.0 |
| e. Unspecified gonadal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| XI CARCINOMA & MELANOMA | 1 | 3 | 3 | 18 | 82 | 25 | 107 | 3.3 | 100.0 | 9.1 | 100.0 | 2.9 | 2.2 | 1.7 | 10.4 | 46.3 | 4.5 | 13.9 | 72 | 304 | 100.0 | 0.0 |
| a. Adrenocortical | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 0.3 | 8.0 | 0.2 | 1.9 | 2.9 | - | 0.6 | - | - | 0.4 | 0.3 | 6 | 6 | 100.0 | 0.0 |
| b. Thyroid | 0 | 1 | 0 | 13 | 49 | 14 | 63 | 1.8 | 56.0 | 5.3 | 58.9 | - | 0.7 | - | 7.5 | 27.7 | 2.4 | 8.1 | 40 | 179 | 100.0 | 0.0 |
| c. Nasopharyngeal | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0.1 | 4.0 | 0.2 | 1.9 | - | - | 0.6 | - | 0.6 | 0.2 | 0.3 | 3 | 6 | 100.0 | 0.0 |
| d. Melanoma | 0 | 2 | 1 | 3 | 19 | 6 | 25 | 0.8 | 24.0 | 2.1 | 23.4 | - | 1.4 | 0.6 | 1.7 | 10.7 | 1.1 | 3.3 | 17 | 71 | 100.0 | 0.0 |
| e. Skin carcinoma | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | - | 0.1 | 0.9 | - | - | - | - | 0.6 | - | 0.1 | - | 3 | 100.0 | 0.0 |
| f. Other & unspecified | 0 | 0 | 0 | 2 | 12 | 2 | 14 | 0.3 | 8.0 | 1.2 | 13.1 | - | - | - | 1.2 | 6.8 | 0.3 | 1.8 | 6 | 40 | 100.0 | 0.0 |
| XII OTHER & UNSPECIFIED | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0.1 | 100.0 | 0.2 | 100.0 | 2.9 | - | - | - | 0.6 | 0.2 | 0.3 | 3 | 6 | 100.0 | 0.0 |
| a. Other specified | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0.1 | 100.0 | 0.1 | 50.0 | 2.9 | - | - | - | - | 0.2 | 0.2 | 3 | 3 | 100.0 | 0.0 |
| b. Other unspecified | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | - | 0.1 | 50.0 | - | - | - | - | 0.6 | - | 0.1 | - | 3 | 100.0 | 0.0 |
| TOTAL | 93 | 250 | 221 | 203 | 414 | 767 | 1181 | 100.0 | 100.0 | 100.0 | 100.0 | 274.0 | 180.6 | 127.6 | 117.2 | 233.9 | 152.2 | 170.6 | 2219 | 3388 | 97.0 | 0.0 |

† includes 101 non-malignant ‡ includes 4 non-malignant

Please consult the quality indicators for this registry

FRANCE, Loire-Atlantique and Vendée (1998-2012)

| | 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 | 16 | 48 | 40 | 20 | 35 | 124 | 159 | 49.2 | 46.8 | 1.3 | 1.4 | 8 | 39 | 28 | 18 | 23 | 93 | 116 | 38.5 | 35.8 | | |
| a. Lymphoid | 6 | 39 | 35 | 13 | 16 | 93 | 109 | 36.7 | 32.4 | 1.2 | 1.3 | 4 | 31 | 24 | 16 | 8 | 75 | 83 | 30.7 | 25.9 | | |
| b. Acute myeloid | 5 | 3 | 2 | 3 | 13 | 13 | 26 | 5.2 | 7.3 | 1.1 | 1.1 | 2 | 6 | 3 | 1 | 12 | 12 | 24 | 5.2 | 7.1 | | |
| c. CMD | 0 | 0 | 0 | 3 | 4 | 3 | 7 | 1.0 | 1.8 | 1.5 | 2.3 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 0.8 | 0.9 | | |
| d. MDS & other | 4 | 4 | 2 | 0 | 1 | 10 | 11 | 4.2 | 3.5 | 3.3 | 2.2 | 2 | 1 | 0 | 0 | 2 | 3 | 5 | 1.4 | 1.6 | | |
| e. Unspecified | 1 | 2 | 1 | 1 | 1 | 5 | 6 | 2.0 | 1.8 | 5.0 | 6.0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0.4 | 0.3 | | |
| II LYMPHOMA & RELATED | 0 | 8 | 30 | 29 | 36 | 67 | 103 | 23.9 | 27.5 | 1.9 | 0.9 | 3 | 4 | 6 | 22 | 75 | 35 | 110 | 13.1 | 29.7 | | |
| a. Hodgkin | 0 | 0 | 4 | 15 | 25 | 19 | 44 | 6.4 | 11.1 | 1.4 | 0.6 | 0 | 0 | 1 | 13 | 59 | 14 | 73 | 4.8 | 19.1 | | |
| b. Non-Hodgkin except BL | 0 | 2 | 10 | 4 | 10 | 16 | 26 | 5.8 | 7.0 | 1.3 | 0.9 | 0 | 1 | 5 | 6 | 16 | 12 | 28 | 4.4 | 7.6 | | |
| c. Burkitt (BL) | 0 | 5 | 16 | 9 | 1 | 30 | 31 | 11.0 | 8.7 | 10.0 | 10.3 | 0 | 0 | 0 | 3 | 0 | 3 | 3 | 1.0 | 0.8 | | |
| d. Lymphoreticular | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0.4 | 0.3 | 0.2 | 0.2 | 3 | 3 | 0 | 0 | 0 | 6 | 6 | 2.8 | 2.1 | | |
| e. Unspecified | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0.3 | 0.3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| III CNS NEOPLASMS † | 4 | 29 | 34 | 24 | 24 | 91 | 115 | 34.7 | 32.9 | 1.3 | 1.4 | 1 | 23 | 22 | 24 | 13 | 70 | 83 | 27.7 | 24.8 | | |
| a. Ependymoma | 0 | 4 | 2 | 0 | 3 | 6 | 9 | 2.5 | 2.7 | 1.2 | 1.5 | 0 | 3 | 2 | 0 | 1 | 5 | 6 | 2.1 | 1.9 | | |
| b. Astrocytoma | 2 | 11 | 12 | 3 | 6 | 28 | 34 | 11.1 | 10.1 | 0.9 | 0.9 | 1 | 8 | 12 | 9 | 6 | 30 | 36 | 11.8 | 10.7 | | |
| c. CNS embryonal | 0 | 6 | 6 | 6 | 4 | 18 | 22 | 6.8 | 6.2 | 1.1 | 1.2 | 0 | 7 | 4 | 6 | 2 | 17 | 19 | 6.8 | 5.8 | | |
| d. Other gliomas | 0 | 2 | 4 | 2 | 1 | 8 | 9 | 3.0 | 2.6 | 2.0 | 1.8 | 0 | 1 | 1 | 2 | 1 | 4 | 5 | 1.5 | 1.4 | | |
| e. Other specified | 1 | 5 | 5 | 8 | 9 | 19 | 28 | 7.1 | 7.7 | 1.9 | 2.2 | 0 | 4 | 1 | 5 | 3 | 10 | 13 | 3.9 | 3.8 | | |
| f. Unspecified CNS | 1 | 1 | 5 | 5 | 1 | 12 | 13 | 4.3 | 3.6 | 3.0 | 3.3 | 0 | 0 | 2 | 2 | 0 | 4 | 4 | 1.4 | 1.1 | | |
| IV NEUROBLASTOMA | 12 | 12 | 7 | 3 | 0 | 34 | 34 | 14.1 | 10.9 | 1.1 | 1.0 | 13 | 14 | 4 | 1 | 2 | 32 | 34 | 14.3 | 11.6 | | |
| a. (Ganglio)neuroblastoma | 12 | 12 | 6 | 3 | 0 | 33 | 33 | 13.7 | 10.6 | 1.0 | 1.0 | 13 | 14 | 4 | 1 | 1 | 32 | 33 | 14.3 | 11.3 | | |
| b. Peripheral nervous | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0.4 | 0.3 | - | 1.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.3 | | |
| V RETINOBLASTOMA | 4 | 6 | 0 | 0 | 0 | 10 | 10 | 4.4 | 3.4 | 2.0 | 2.0 | 2 | 3 | 0 | 0 | 0 | 5 | 5 | 2.3 | 1.8 | | |
| VI RENAL TUMOURS | 3 | 14 | 5 | 0 | 3 | 22 | 25 | 9.3 | 7.9 | 0.7 | 0.8 | 8 | 16 | 5 | 1 | 2 | 30 | 32 | 13.3 | 10.8 | | |
| a. Nephroblastoma | 3 | 14 | 5 | 0 | 0 | 22 | 22 | 9.3 | 7.2 | 0.7 | 0.7 | 8 | 16 | 5 | 1 | 1 | 30 | 31 | 13.3 | 10.6 | | |
| b. Renal carcinoma | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | 0.7 | - | 3.0 | 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 | 0 | 2 | 0 | 2 | 2 | 4 | 6 | 1.5 | 1.7 | 1.3 | 2.0 | 1 | 0 | 2 | 0 | 0 | 3 | 3 | 1.2 | 0.9 | | |
| a. Hepatoblastoma | 0 | 2 | 0 | 2 | 0 | 4 | 4 | 1.5 | 1.2 | 1.3 | 1.3 | 1 | 0 | 2 | 0 | 0 | 3 | 3 | 1.2 | 0.9 | | |
| b. Hepatic carcinoma | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | 0.5 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| VIII BONE TUMOURS | 0 | 1 | 3 | 14 | 22 | 18 | 40 | 6.1 | 10.2 | 1.1 | 1.1 | 0 | 1 | 4 | 11 | 20 | 16 | 36 | 5.8 | 9.7 | | |
| a. Osteosarcoma | 0 | 0 | 0 | 5 | 11 | 5 | 16 | 1.6 | 4.0 | 0.5 | 0.9 | 0 | 0 | 3 | 7 | 7 | 10 | 17 | 3.5 | 4.6 | | |
| b. Chondrosarcoma | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | 0.5 | - | 0.7 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | 0.8 | | |
| c. Ewing & related | 0 | 1 | 3 | 6 | 8 | 10 | 18 | 3.5 | 4.7 | 2.0 | 1.3 | 0 | 1 | 1 | 3 | 9 | 5 | 14 | 1.9 | 3.8 | | |
| d. Other specified | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0.7 | 0.5 | 2.0 | 1.0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0.3 | 0.5 | | |
| e. Unspecified | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0.3 | 0.5 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| IX SOFT TISSUE SARCOMA | 2 | 9 | 9 | 4 | 15 | 24 | 39 | 9.4 | 11.0 | 0.7 | 1.0 | 3 | 11 | 12 | 7 | 8 | 33 | 41 | 13.4 | 12.5 | | |
| a. Rhabdomyosarcoma | 1 | 7 | 5 | 2 | 5 | 15 | 20 | 6.0 | 5.9 | 0.8 | 1.0 | 2 | 7 | 6 | 4 | 2 | 19 | 21 | 7.8 | 6.6 | | |
| b. Fibrosarcoma | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | 0.7 | 0.0 | 1.0 | 0 | 1 | 1 | 0 | 1 | 2 | 3 | 0.8 | 0.9 | | |
| c. Kaposi sarcoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| d. Other specified | 1 | 2 | 4 | 2 | 7 | 9 | 16 | 3.4 | 4.4 | 0.8 | 1.0 | 1 | 3 | 5 | 3 | 4 | 12 | 16 | 4.8 | 4.7 | | |
| e. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.3 | | |
| X GERM CELL TUMOURS | 4 | 5 | 1 | 1 | 38 | 11 | 49 | 4.6 | 13.0 | 0.6 | 1.5 | 7 | 2 | 6 | 4 | 13 | 19 | 32 | 7.8 | 9.4 | | |
| a. CNS germ cell ‡ | 1 | 0 | 1 | 1 | 5 | 3 | 8 | 1.1 | 2.1 | 0.6 | 1.3 | 2 | 0 | 2 | 1 | 1 | 5 | 6 | 2.0 | 1.8 | | |
| b. Other extragonadal | 2 | 0 | 0 | 0 | 2 | 2 | 4 | 0.9 | 1.2 | 0.3 | 0.4 | 5 | 2 | 0 | 0 | 4 | 7 | 11 | 3.2 | 3.5 | | |
| c. Gonadal germ cell | 1 | 5 | 0 | 0 | 31 | 6 | 37 | 2.6 | 9.7 | 0.9 | 3.1 | 0 | 0 | 4 | 3 | 5 | 7 | 12 | 2.6 | 3.3 | | |
| d. Gonadal carcinoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | 0.0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | 0.8 | | |
| e. Unspecified gonadal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| XI CARCINOMA & MELANOMA | 0 | 3 | 1 | 7 | 24 | 11 | 35 | 4.0 | 9.0 | 0.8 | 0.5 | 1 | 0 | 2 | 11 | 58 | 14 | 72 | 5.0 | 19.0 | | |
| a. Adrenocortical | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 0.8 | 0.7 | | |
| b. Thyroid | 0 | 1 | 0 | 5 | 11 | 6 | 17 | 2.1 | 4.3 | 0.8 | 0.4 | 0 | 0 | 0 | 8 | 38 | 8 | 46 | 2.7 | 12.0 | | |
| c. Nasopharyngeal | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0.4 | 0.5 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| d. Melanoma | 0 | 2 | 0 | 2 | 7 | 4 | 11 | 1.5 | 2.9 | 2.0 | 0.8 | 0 | 0 | 1 | 1 | 12 | 2 | 14 | 0.7 | 3.7 | | |
| e. Skin carcinoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.3 | | |
| f. Other & unspecified | 0 | 0 | 0 | 0 | 5 | 0 | 5 | - | 1.2 | 0.0 | 0.6 | 0 | 0 | 0 | 2 | 7 | 2 | 9 | 0.7 | 2.4 | | |
| XII OTHER & UNSPECIFIED | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0.4 | 0.6 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| a. Other specified | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0.4 | 0.3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| b. Other unspecified | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.2 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| TOTAL | 46 | 137 | 130 | 104 | 200 | 417 | 617 | 161.7 | 175.0 | 1.2 | 1.1 | 47 | 113 | 91 | 99 | 214 | 350 | 564 | 142.3 | 166.0 | | |

† includes 60 non-malignant in males and 41 non-malignant in females ‡ includes 1 non-malignant in males and 3 non-malignant in females

Please consult the quality indicators for this registry

FRANCE, Loire-Atlantique and Vendée (1998-2012)

| | Age group | Males | Females |
|---------------------------|-----------|-----------|-----------|
| Person-years | 0 | 174 075 | 165 394 |
| | 1-4 | 708 342 | 676 055 |
| | 5-9 | 885 951 | 846 062 |
| | 10-14 | 885 835 | 846 154 |
| | 15-19 | 906 424 | 863 933 |
| Total | 0-14 | 2 654 203 | 2 533 665 |
| | 0-19 | 3 560 627 | 3 397 598 |
| Average annual population | 0-14 | 176 947 | 168 911 |
| | 0-19 | 237 375 | 226 507 |

Please consult the quality indicators for this registry