

FRANCE, 13 registries (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 | 0-19 | | | 0-14 | 0-19 |
| I LEUKAEMIA | 84 | 603 | 390 | 265 | 316 | 1342 | 1658 | 27.8 | 100.0 | 23.0 | 100.0 | 41.4 | 73.3 | 37.3 | 25.0 | 28.6 | 45.2 | 41.5 | 646 | 789 | 99.6 | 0.0 |
| a. Lymphoid | 32 | 488 | 320 | 182 | 154 | 1022 | 1176 | 21.2 | 76.2 | 16.3 | 70.9 | 15.8 | 59.3 | 30.6 | 17.2 | 13.9 | 34.5 | 29.9 | 492 | 562 | 99.7 | 0.0 |
| b. Acute myeloid | 36 | 79 | 40 | 50 | 101 | 205 | 306 | 4.3 | 15.3 | 4.2 | 18.5 | 17.7 | 9.6 | 3.8 | 4.7 | 9.1 | 6.9 | 7.4 | 99 | 144 | 99.7 | 0.0 |
| c. CMD | 0 | 5 | 10 | 17 | 41 | 32 | 73 | 0.7 | 2.4 | 1.0 | 4.4 | - | 0.6 | 1.0 | 1.6 | 3.7 | 1.0 | 1.6 | 15 | 34 | 98.6 | 0.0 |
| d. MDS & other | 13 | 20 | 10 | 3 | 14 | 46 | 60 | 1.0 | 3.4 | 0.8 | 3.6 | 6.4 | 2.4 | 1.0 | 0.3 | 1.3 | 1.6 | 1.6 | 22 | 29 | 100.0 | 0.0 |
| e. Unspecified | 3 | 11 | 10 | 13 | 6 | 37 | 43 | 0.8 | 2.8 | 0.6 | 2.6 | 1.5 | 1.3 | 1.0 | 1.2 | 0.5 | 1.2 | 1.0 | 18 | 20 | 97.7 | 0.0 |
| II LYMPHOMA & RELATED | 21 | 95 | 191 | 354 | 611 | 661 | 1272 | 13.7 | 100.0 | 17.7 | 100.0 | 10.4 | 11.5 | 18.3 | 33.4 | 55.3 | 20.0 | 27.9 | 315 | 591 | 100.0 | 0.0 |
| a. Hodgkin | 0 | 9 | 44 | 197 | 434 | 250 | 684 | 5.2 | 37.8 | 9.5 | 53.8 | - | 1.1 | 4.2 | 18.6 | 39.2 | 7.1 | 14.3 | 118 | 315 | 100.0 | 0.0 |
| b. Non-Hodgkin except BL | 4 | 34 | 69 | 97 | 146 | 204 | 350 | 4.2 | 30.9 | 4.9 | 27.5 | 2.0 | 4.1 | 6.6 | 9.1 | 13.2 | 6.2 | 7.8 | 97 | 163 | 100.0 | 0.0 |
| c. Burkitt (BL) | 0 | 34 | 73 | 51 | 24 | 158 | 182 | 3.3 | 23.9 | 2.5 | 14.3 | - | 4.1 | 7.0 | 4.8 | 2.2 | 4.9 | 4.3 | 76 | 86 | 100.0 | 0.0 |
| d. Lymphoreticular | 17 | 18 | 2 | 5 | 5 | 42 | 47 | 0.9 | 6.4 | 0.7 | 3.7 | 8.4 | 2.2 | 0.2 | 0.5 | 0.5 | 1.5 | 1.3 | 20 | 23 | 100.0 | 0.0 |
| e. Unspecified | 0 | 0 | 3 | 4 | 2 | 7 | 9 | 0.1 | 1.1 | 0.1 | 0.7 | - | - | 0.3 | 0.4 | 0.2 | 0.2 | 0.2 | 3 | 4 | 100.0 | 0.0 |
| III CNS NEOPLASMS † | 52 | 333 | 364 | 322 | 245 | 1071 | 1316 | 22.2 | 100.0 | 18.3 | 100.0 | 25.6 | 40.5 | 34.8 | 30.3 | 22.2 | 34.6 | 31.8 | 514 | 624 | 86.9 | 0.0 |
| a. Ependymoma | 12 | 41 | 27 | 14 | 19 | 94 | 113 | 1.9 | 8.8 | 1.6 | 8.6 | 5.9 | 5.0 | 2.6 | 1.3 | 1.7 | 3.2 | 2.9 | 45 | 54 | 100.0 | 0.0 |
| b. Astrocytoma | 16 | 121 | 124 | 125 | 80 | 386 | 466 | 8.0 | 36.0 | 6.5 | 35.4 | 7.9 | 14.7 | 11.9 | 11.8 | 7.2 | 12.4 | 11.3 | 185 | 221 | 90.3 | 0.0 |
| c. CNS embryonal | 15 | 86 | 89 | 45 | 27 | 235 | 262 | 4.9 | 21.9 | 3.6 | 19.9 | 7.4 | 10.4 | 8.5 | 4.2 | 2.4 | 7.8 | 6.6 | 113 | 125 | 100.0 | 0.0 |
| d. Other gliomas | 1 | 43 | 63 | 56 | 41 | 163 | 204 | 3.4 | 15.2 | 2.8 | 15.5 | 0.5 | 5.2 | 6.0 | 5.3 | 3.7 | 5.1 | 4.8 | 78 | 97 | 69.6 | 0.0 |
| e. Other specified | 7 | 32 | 43 | 62 | 71 | 144 | 215 | 3.0 | 13.4 | 3.0 | 16.3 | 3.5 | 3.9 | 4.1 | 5.8 | 6.4 | 4.5 | 4.9 | 69 | 101 | 94.4 | 0.0 |
| f. Unspecified CNS | 1 | 10 | 18 | 20 | 7 | 49 | 56 | 1.0 | 4.6 | 0.8 | 4.3 | 0.5 | 1.2 | 1.7 | 1.9 | 0.6 | 1.5 | 1.3 | 23 | 27 | 3.6 | 0.0 |
| IV NEUROBLASTOMA | 151 | 187 | 35 | 20 | 10 | 393 | 403 | 8.2 | 100.0 | 5.6 | 100.0 | 74.4 | 22.7 | 3.4 | 1.9 | 0.9 | 14.4 | 11.3 | 191 | 195 | 98.8 | 0.0 |
| a. (Ganglio)neuroblastoma | 150 | 186 | 33 | 19 | 6 | 388 | 394 | 8.0 | 98.7 | 5.5 | 97.8 | 74.0 | 22.6 | 3.2 | 1.8 | 0.5 | 14.2 | 11.1 | 188 | 191 | 98.7 | 0.0 |
| b. Peripheral nervous | 1 | 1 | 2 | 1 | 4 | 5 | 9 | 0.1 | 1.3 | 0.1 | 2.2 | 0.5 | 0.1 | 0.2 | 0.1 | 0.4 | 0.2 | 0.2 | 2 | 4 | 100.0 | 0.0 |
| V RETINOBLASTOMA | 53 | 71 | 1 | 1 | 0 | 126 | 126 | 2.6 | 100.0 | 1.7 | 100.0 | 26.1 | 8.6 | 0.1 | 0.1 | - | 4.7 | 3.7 | 61 | 61 | 70.6 | 0.0 |
| VI RENAL TUMOURS | 54 | 158 | 56 | 10 | 21 | 278 | 299 | 5.8 | 100.0 | 4.2 | 100.0 | 26.6 | 19.2 | 5.4 | 0.9 | 1.9 | 10.0 | 8.2 | 135 | 144 | 97.7 | 0.0 |
| a. Nephroblastoma | 54 | 158 | 56 | 7 | 7 | 275 | 282 | 5.7 | 98.9 | 3.9 | 94.3 | 26.6 | 19.2 | 5.4 | 0.7 | 0.6 | 9.9 | 7.8 | 133 | 137 | 97.5 | 0.0 |
| b. Renal carcinoma | 0 | 0 | 0 | 3 | 14 | 3 | 17 | 0.1 | 1.1 | 0.2 | 5.7 | - | - | - | 0.3 | 1.3 | 0.1 | 0.3 | 1 | 8 | 100.0 | 0.0 |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| VII HEPATIC TUMOURS | 12 | 28 | 7 | 6 | 17 | 53 | 70 | 1.1 | 100.0 | 1.0 | 100.0 | 5.9 | 3.4 | 0.7 | 0.6 | 1.5 | 1.9 | 1.8 | 26 | 33 | 97.1 | 0.0 |
| a. Hepatoblastoma | 12 | 25 | 6 | 4 | 2 | 47 | 49 | 1.0 | 88.7 | 0.7 | 70.0 | 5.9 | 3.0 | 0.6 | 0.4 | 0.2 | 1.7 | 1.4 | 23 | 24 | 100.0 | 0.0 |
| b. Hepatic carcinoma | 0 | 2 | 1 | 2 | 14 | 5 | 19 | 0.1 | 9.4 | 0.3 | 27.1 | - | 0.2 | 0.1 | 0.2 | 1.3 | 0.2 | 0.4 | 2 | 9 | 100.0 | 0.0 |
| c. Unspecified | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0.0 | 1.9 | 0.0 | 2.9 | - | 0.1 | - | - | 0.1 | 0.0 | 0.0 | 0 | 1 | 0.0 | 0.0 |
| VIII BONE TUMOURS | 0 | 11 | 56 | 161 | 221 | 228 | 449 | 4.7 | 100.0 | 6.2 | 100.0 | - | 1.3 | 5.4 | 15.2 | 20.0 | 6.5 | 9.6 | 108 | 208 | 99.8 | 0.0 |
| a. Osteosarcoma | 0 | 1 | 26 | 78 | 111 | 105 | 216 | 2.2 | 46.1 | 3.0 | 48.1 | - | 0.1 | 2.5 | 7.4 | 10.0 | 3.0 | 4.6 | 50 | 100 | 100.0 | 0.0 |
| b. Chondrosarcoma | 0 | 0 | 0 | 9 | 21 | 9 | 30 | 0.2 | 3.9 | 0.4 | 6.7 | - | - | - | 0.8 | 1.9 | 0.2 | 0.6 | 4 | 14 | 100.0 | 0.0 |
| c. Ewing & related | 0 | 10 | 30 | 64 | 73 | 104 | 177 | 2.2 | 45.6 | 2.5 | 39.4 | - | 1.2 | 2.9 | 6.0 | 6.6 | 3.1 | 3.9 | 49 | 82 | 100.0 | 0.0 |
| d. Other specified | 0 | 0 | 0 | 6 | 11 | 6 | 17 | 0.1 | 2.6 | 0.2 | 3.8 | - | - | - | 0.6 | 1.0 | 0.2 | 0.4 | 3 | 8 | 100.0 | 0.0 |
| e. Unspecified | 0 | 0 | 0 | 4 | 5 | 4 | 9 | 0.1 | 1.8 | 0.1 | 2.0 | - | - | - | 0.4 | 0.5 | 0.1 | 0.2 | 2 | 4 | 88.9 | 0.0 |
| IX SOFT TISSUE SARCOMA | 20 | 100 | 76 | 91 | 139 | 287 | 426 | 6.0 | 100.0 | 5.9 | 100.0 | 9.9 | 12.1 | 7.3 | 8.6 | 12.6 | 9.4 | 10.1 | 138 | 201 | 100.0 | 0.0 |
| a. Rhabdomyosarcoma | 10 | 74 | 45 | 33 | 23 | 162 | 185 | 3.4 | 56.4 | 2.6 | 43.4 | 4.9 | 9.0 | 4.3 | 3.1 | 2.1 | 5.5 | 4.7 | 78 | 88 | 100.0 | 0.0 |
| b. Fibrosarcoma | 5 | 3 | 3 | 6 | 16 | 17 | 33 | 0.4 | 5.9 | 0.5 | 7.7 | 2.5 | 0.4 | 0.3 | 0.6 | 1.4 | 0.6 | 0.8 | 8 | 15 | 100.0 | 0.0 |
| c. Kaposi sarcoma | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 0.0 | 0.3 | 0.0 | 0.7 | - | - | - | 0.1 | 0.2 | 0.0 | 0.1 | 0 | 1 | 100.0 | 0.0 |
| d. Other specified | 4 | 18 | 23 | 43 | 83 | 88 | 171 | 1.8 | 30.7 | 2.4 | 40.1 | 2.0 | 2.2 | 2.2 | 4.1 | 7.5 | 2.7 | 3.8 | 42 | 80 | 100.0 | 0.0 |
| e. Unspecified | 1 | 5 | 5 | 8 | 15 | 19 | 34 | 0.4 | 6.6 | 0.5 | 8.0 | 0.5 | 0.6 | 0.5 | 0.8 | 1.4 | 0.6 | 0.8 | 9 | 16 | 100.0 | 0.0 |
| X GERM CELL TUMOURS | 35 | 32 | 22 | 59 | 272 | 148 | 420 | 3.1 | 100.0 | 5.8 | 100.0 | 17.3 | 3.9 | 2.1 | 5.6 | 24.6 | 4.8 | 9.3 | 71 | 194 | 97.9 | 0.0 |
| a. CNS germ cell ‡ | 6 | 5 | 10 | 20 | 25 | 41 | 66 | 0.9 | 27.7 | 0.9 | 15.7 | 3.0 | 0.6 | 1.0 | 1.9 | 2.3 | 1.3 | 1.5 | 20 | 31 | 90.9 | 0.0 |
| b. Other extragonadal | 21 | 14 | 2 | 2 | 16 | 39 | 55 | 0.8 | 26.4 | 0.8 | 13.1 | 10.4 | 1.7 | 0.2 | 0.2 | 1.4 | 1.4 | 1.4 | 19 | 26 | 98.2 | 0.0 |
| c. Gonadal germ cell | 8 | 13 | 10 | 31 | 213 | 62 | 275 | 1.3 | 41.9 | 3.8 | 65.5 | 3.9 | 1.6 | 1.0 | 2.9 | 19.3 | 1.9 | 5.8 | 30 | 126 | 99.3 | 0.0 |
| d. Gonadal carcinoma | 0 | 0 | 0 | 5 | 16 | 5 | 21 | 0.1 | 3.4 | 0.3 | 5.0 | - | - | - | 0.5 | 1.4 | 0.1 | 0.4 | 2 | 10 | 100.0 | 0.0 |
| e. Unspecified gonadal | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 0.0 | 0.7 | 0.0 | 0.7 | - | - | - | 0.1 | 0.2 | 0.0 | 0.1 | 0 | 1 | 100.0 | 0.0 |
| XI CARCINOMA & MELANOMA | 2 | 16 | 45 | 163 | 515 | 226 | 741 | 4.7 | 100.0 | 10.3 | 100.0 | 1.0 | 1.9 | 4.3 | 15.4 | 46.6 | 6.5 | 15.5 | 107 | 340 | 99.9 | 0.0 |
| a. Adrenocortical | 1 | 2 | 2 | 3 | 2 | 8 | 10 | 0.2 | 3.5 | 0.1 | 1.3 | 0.5 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.2 | 4 | 5 | 100.0 | 0.0 |
| b. Thyroid | 0 | 7 | 17 | 62 | 198 | 86 | 284 | 1.8 | 38.1 | 3.9 | 38.3 | - | 0.9 | 1.6 | 5.8 | 17.9 | 2.5 | 6.0 | 41 | 130 | 100.0 | 0.0 |
| c. Nasopharyngeal | 0 | 0 | 2 | 6 | 11 | 8 | 19 | 0.2 | 3.5 | 0.3 | 2.6 | - | - | 0.2 | 0.6 | 1.0 | 0.2 | 0.4 | 4 | 9 | 100.0 | 0.0 |
| d. Melanoma | 1 | 3 | 13 | 43 | 179 | 60 | 239 | 1.2 | 26.5 | 3.3 | 32.3 | 0.5 | 0.4 | 1.2 | 4.1 | 16.2 | 1.7 | 5.0 | 28 | 109 | 99.6 | 0.0 |
| e. Skin carcinoma | 0 | 2 | 2 | 3 | 13 | 7 | 20 | 0.1 | 3.1 | 0.3 | 2.7 | - | 0.2 | 0.2 | 0.3 | 1.2 | 0.2 | 0.4 | 3 | 9 | 100.0 | 0.0 |
| f. Other & unspecified | 0 | 2 | 9 | 46 | 112 | 57 | 169 | 1.2 | 25.2 | 2.3 | 22.8 | - | 0.2 | 0.9 | 4.3 | 10.1 | 1.6 | 3.5 | 27 | 78 | 100.0 | 0.0 |
| XII OTHER & UNSPECIFIED | 3 | 4 | 2 | 0 | 15 | 9 | 24 | 0.2 | 100.0 | 0.3 | 100.0 | 1.5 | 0.5 | 0.2 | - | 1.4 | 0.3 | 0.6 | 4 | 11 | 87.5 | 0.0 |
| a. Other specified | 3 | 4 | 1 | 0 | 8 | 8 | 16 | 0.2 | 88.9 | 0.2 | 66.7 | 1.5 | 0.5 | 0.1 | - | 0.7 | 0.3 | 0.4 | 4 | 8 | 100.0 | 0.0 |
| b. Other unspecified | 0 | 0 | 1 | 0 | 7 | 1 | 8 | 0.0 | 11.1 | 0.1 | 33.3 | - | - | 0.1 | - | 0.6 | 0.0 | 0.2 | 0 | 4 | 62.5 | 0.0 |
| TOTAL | 487 | 1638 | 1245 | 1452 | 2382 | 4822 | 7204 | 100.0 | 100.0 | 100.0 | 100.0 | 240.1 | 199.0 | 119.2 | 136.8 | 215.4 | 158.4 | 171.2 | 2316 | 3393 | 96.6 | 0.0 |

† includes 530 non-malignant ‡ includes 11 non-malignant

Please consult the quality indicators for the constituent registries

FRANCE, 13 registries (1993-2012)

| | Males | | | | | | | | | | M/F ratio | | Females | | | | | | | | | |
|------------------------------------|-------------------------------|-----|-----|-------|-------|------|------|-------|-------|-----|-----------|-------------------------------|---------|-----|-------|-------|------|------|-------|-------|-----------------|--|
| | Number of cases in age groups | | | | | | | | | | | 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 | 1-4 | 5-9 | 10-14 | 15-19 | 0-14 | 0-19 | 0-14 | 0-19 | | |
| I LEUKAEMIA | 44 | 325 | 226 | 154 | 188 | 749 | 937 | 49.0 | 45.5 | 1.3 | 1.3 | 40 | 278 | 164 | 111 | 128 | 593 | 721 | 41.2 | 37.2 | | |
| a. Lymphoid | 16 | 268 | 186 | 108 | 105 | 578 | 683 | 37.9 | 33.6 | 1.3 | 1.4 | 16 | 220 | 134 | 74 | 49 | 444 | 493 | 30.9 | 26.0 | | |
| b. Acute myeloid | 19 | 38 | 22 | 25 | 51 | 104 | 155 | 6.9 | 7.4 | 1.0 | 1.0 | 17 | 41 | 18 | 25 | 50 | 101 | 151 | 7.0 | 7.5 | | |
| c. CMD | 0 | 2 | 5 | 11 | 21 | 18 | 39 | 1.0 | 1.6 | 1.3 | 1.1 | 0 | 3 | 5 | 6 | 20 | 14 | 34 | 0.9 | 1.5 | | |
| d. MDS & other | 8 | 10 | 7 | 2 | 7 | 27 | 34 | 1.9 | 1.7 | 1.4 | 1.3 | 5 | 10 | 3 | 1 | 7 | 19 | 26 | 1.4 | 1.4 | | |
| e. Unspecified | 1 | 7 | 6 | 8 | 4 | 22 | 26 | 1.4 | 1.2 | 1.5 | 1.5 | 2 | 4 | 4 | 5 | 2 | 15 | 17 | 1.0 | 0.9 | | |
| II LYMPHOMA & RELATED | 8 | 70 | 143 | 202 | 282 | 423 | 705 | 25.2 | 30.8 | 1.8 | 1.2 | 13 | 25 | 48 | 152 | 329 | 238 | 567 | 14.5 | 24.8 | | |
| a. Hodgkin | 0 | 7 | 32 | 98 | 182 | 137 | 319 | 7.7 | 13.2 | 1.2 | 0.9 | 0 | 2 | 12 | 99 | 252 | 113 | 365 | 6.5 | 15.4 | | |
| b. Non-Hodgkin except BL | 2 | 27 | 48 | 56 | 77 | 133 | 210 | 8.0 | 9.3 | 1.9 | 1.5 | 2 | 7 | 21 | 41 | 69 | 71 | 140 | 4.3 | 6.2 | | |
| c. Burkitt (BL) | 0 | 29 | 60 | 40 | 20 | 129 | 149 | 7.9 | 6.9 | 4.4 | 4.5 | 0 | 5 | 13 | 11 | 4 | 29 | 33 | 1.8 | 1.6 | | |
| d. Lymphoreticular | 6 | 7 | 0 | 4 | 2 | 17 | 19 | 1.2 | 1.0 | 0.7 | 0.7 | 11 | 11 | 2 | 1 | 3 | 25 | 28 | 1.9 | 1.6 | | |
| e. Unspecified | 0 | 0 | 3 | 4 | 1 | 7 | 8 | 0.4 | 0.3 | - | 8.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.0 | | |
| III CNS NEOPLASMS † | 36 | 184 | 217 | 177 | 134 | 614 | 748 | 38.7 | 35.4 | 1.3 | 1.3 | 16 | 149 | 147 | 145 | 111 | 457 | 568 | 30.2 | 28.0 | | |
| a. Ependymoma | 8 | 23 | 14 | 9 | 13 | 54 | 67 | 3.6 | 3.3 | 1.4 | 1.5 | 4 | 18 | 13 | 5 | 6 | 40 | 46 | 2.8 | 2.4 | | |
| b. Astrocytoma | 11 | 65 | 71 | 64 | 46 | 211 | 257 | 13.3 | 12.1 | 1.2 | 1.2 | 5 | 56 | 53 | 61 | 34 | 175 | 209 | 11.5 | 10.3 | | |
| c. CNS embryonal | 8 | 51 | 60 | 26 | 18 | 145 | 163 | 9.3 | 8.0 | 1.6 | 1.6 | 7 | 35 | 29 | 19 | 9 | 90 | 99 | 6.2 | 5.1 | | |
| d. Other gliomas | 1 | 21 | 30 | 36 | 15 | 88 | 103 | 5.4 | 4.7 | 1.2 | 1.0 | 0 | 22 | 33 | 20 | 26 | 75 | 101 | 4.9 | 4.9 | | |
| e. Other specified | 7 | 20 | 32 | 30 | 38 | 89 | 127 | 5.5 | 5.8 | 1.6 | 1.4 | 0 | 12 | 11 | 32 | 33 | 55 | 88 | 3.4 | 4.0 | | |
| f. Unspecified CNS | 1 | 4 | 10 | 12 | 4 | 27 | 31 | 1.6 | 1.4 | 1.2 | 1.2 | 0 | 6 | 8 | 8 | 3 | 22 | 25 | 1.4 | 1.2 | | |
| IV NEUROBLASTOMA | 84 | 103 | 26 | 12 | 7 | 225 | 232 | 16.0 | 12.7 | 1.3 | 1.4 | 67 | 84 | 9 | 8 | 3 | 168 | 171 | 12.7 | 10.0 | | |
| a. (Ganglio)neuroblastoma | 83 | 102 | 24 | 11 | 5 | 220 | 225 | 15.7 | 12.3 | 1.3 | 1.3 | 67 | 84 | 9 | 8 | 1 | 168 | 169 | 12.7 | 9.9 | | |
| b. Peripheral nervous | 1 | 1 | 2 | 1 | 2 | 5 | 7 | 0.3 | 0.3 | - | 3.5 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | 0.1 | | |
| V RETINOBLASTOMA | 33 | 38 | 0 | 1 | 0 | 72 | 72 | 5.3 | 4.1 | 1.3 | 1.3 | 20 | 33 | 1 | 0 | 0 | 54 | 54 | 4.2 | 3.2 | | |
| VI RENAL TUMOURS | 25 | 77 | 29 | 5 | 9 | 136 | 145 | 9.5 | 7.7 | 1.0 | 0.9 | 29 | 81 | 27 | 5 | 12 | 142 | 154 | 10.5 | 8.6 | | |
| a. Nephroblastoma | 25 | 77 | 29 | 3 | 2 | 134 | 136 | 9.4 | 7.4 | 1.0 | 0.9 | 29 | 81 | 27 | 4 | 5 | 141 | 146 | 10.4 | 8.3 | | |
| b. Renal carcinoma | 0 | 0 | 0 | 2 | 7 | 2 | 9 | 0.1 | 0.4 | 2.0 | 1.1 | 0 | 0 | 0 | 1 | 7 | 1 | 8 | 0.1 | 0.3 | | |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| VII HEPATIC TUMOURS | 9 | 15 | 5 | 3 | 8 | 32 | 40 | 2.2 | 2.0 | 1.5 | 1.3 | 3 | 13 | 2 | 3 | 9 | 21 | 30 | 1.5 | 1.6 | | |
| a. Hepatoblastoma | 9 | 14 | 4 | 3 | 2 | 30 | 32 | 2.1 | 1.7 | 1.8 | 1.9 | 3 | 11 | 2 | 1 | 0 | 17 | 17 | 1.3 | 1.0 | | |
| b. Hepatic carcinoma | 0 | 0 | 1 | 0 | 5 | 1 | 6 | 0.1 | 0.2 | 0.3 | 0.5 | 0 | 2 | 0 | 2 | 9 | 4 | 13 | 0.3 | 0.6 | | |
| c. Unspecified | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0.1 | 0.1 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | |
| VIII BONE TUMOURS | 0 | 5 | 35 | 80 | 135 | 120 | 255 | 6.8 | 10.6 | 1.1 | 1.3 | 0 | 6 | 21 | 81 | 86 | 108 | 194 | 6.3 | 8.5 | | |
| a. Osteosarcoma | 0 | 0 | 15 | 38 | 71 | 53 | 124 | 2.9 | 5.1 | 1.0 | 1.3 | 0 | 1 | 11 | 40 | 40 | 52 | 92 | 3.0 | 4.0 | | |
| b. Chondrosarcoma | 0 | 0 | 0 | 2 | 12 | 2 | 14 | 0.1 | 0.6 | 0.3 | 0.9 | 0 | 0 | 0 | 7 | 9 | 7 | 16 | 0.4 | 0.7 | | |
| c. Ewing & related | 0 | 5 | 20 | 34 | 43 | 59 | 102 | 3.4 | 4.3 | 1.3 | 1.4 | 0 | 5 | 10 | 30 | 30 | 45 | 75 | 2.7 | 3.3 | | |
| d. Other specified | 0 | 0 | 0 | 4 | 6 | 4 | 10 | 0.2 | 0.4 | 2.0 | 1.4 | 0 | 0 | 0 | 2 | 5 | 2 | 7 | 0.1 | 0.3 | | |
| e. Unspecified | 0 | 0 | 0 | 2 | 3 | 2 | 5 | 0.1 | 0.2 | 1.0 | 1.3 | 0 | 0 | 0 | 2 | 2 | 2 | 4 | 0.1 | 0.2 | | |
| IX SOFT TISSUE SARCOMA | 13 | 59 | 42 | 48 | 80 | 162 | 242 | 10.4 | 11.3 | 1.3 | 1.3 | 7 | 41 | 34 | 43 | 59 | 125 | 184 | 8.3 | 8.9 | | |
| a. Rhabdomyosarcoma | 6 | 46 | 24 | 19 | 15 | 95 | 110 | 6.3 | 5.5 | 1.4 | 1.5 | 4 | 28 | 21 | 14 | 8 | 67 | 75 | 4.6 | 3.9 | | |
| b. Fibrosarcoma | 5 | 2 | 2 | 3 | 7 | 12 | 19 | 0.8 | 0.9 | 2.4 | 1.4 | 0 | 1 | 1 | 3 | 9 | 5 | 14 | 0.3 | 0.6 | | |
| c. Kaposi sarcoma | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0.1 | 0.0 | - | 0.5 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | 0.1 | | |
| d. Other specified | 2 | 10 | 13 | 22 | 48 | 47 | 95 | 2.8 | 4.1 | 1.1 | 1.3 | 2 | 8 | 10 | 21 | 35 | 41 | 76 | 2.6 | 3.5 | | |
| e. Unspecified | 0 | 1 | 3 | 3 | 10 | 7 | 17 | 0.4 | 0.7 | 0.6 | 1.0 | 1 | 4 | 2 | 5 | 5 | 12 | 17 | 0.8 | 0.8 | | |
| X GERM CELL TUMOURS | 17 | 17 | 6 | 25 | 203 | 65 | 268 | 4.2 | 11.4 | 0.8 | 1.8 | 18 | 15 | 16 | 34 | 69 | 83 | 152 | 5.5 | 7.1 | | |
| a. CNS germ cell ‡ | 1 | 2 | 4 | 15 | 23 | 22 | 45 | 1.3 | 1.9 | 1.2 | 2.1 | 5 | 3 | 6 | 5 | 2 | 19 | 21 | 1.3 | 1.1 | | |
| b. Other extragonadal | 8 | 2 | 2 | 2 | 9 | 14 | 23 | 1.0 | 1.1 | 0.6 | 0.7 | 13 | 12 | 0 | 0 | 7 | 25 | 32 | 1.9 | 1.8 | | |
| c. Gonadal germ cell | 8 | 13 | 0 | 8 | 170 | 29 | 199 | 2.0 | 8.3 | 0.9 | 2.6 | 0 | 0 | 10 | 23 | 43 | 33 | 76 | 1.9 | 3.3 | | |
| d. Gonadal carcinoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 0 | 0 | 0 | 5 | 16 | 5 | 21 | 0.3 | 0.9 | | |
| e. Unspecified gonadal | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.0 | 0.0 | 0.5 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0.1 | 0.1 | | |
| XI CARCINOMA & MELANOMA | 1 | 9 | 18 | 63 | 183 | 91 | 274 | 5.2 | 11.4 | 0.7 | 0.6 | 1 | 7 | 27 | 100 | 332 | 135 | 467 | 7.9 | 19.9 | | |
| a. Adrenocortical | 0 | 2 | 0 | 0 | 1 | 2 | 3 | 0.1 | 0.2 | 0.3 | 0.4 | 1 | 0 | 2 | 3 | 1 | 6 | 7 | 0.4 | 0.3 | | |
| b. Thyroid | 0 | 3 | 4 | 18 | 46 | 25 | 71 | 1.4 | 2.9 | 0.4 | 0.3 | 0 | 4 | 13 | 44 | 152 | 61 | 213 | 3.6 | 9.1 | | |
| c. Nasopharyngeal | 0 | 0 | 2 | 3 | 9 | 5 | 14 | 0.3 | 0.6 | 1.7 | 2.8 | 0 | 0 | 0 | 3 | 2 | 3 | 5 | 0.2 | 0.2 | | |
| d. Melanoma | 1 | 2 | 7 | 24 | 78 | 34 | 112 | 1.9 | 4.6 | 1.3 | 0.9 | 0 | 1 | 6 | 19 | 101 | 26 | 127 | 1.5 | 5.4 | | |
| e. Skin carcinoma | 0 | 1 | 2 | 2 | 5 | 5 | 10 | 0.3 | 0.4 | 2.5 | 1.0 | 0 | 1 | 0 | 1 | 8 | 2 | 10 | 0.1 | 0.4 | | |
| f. Other & unspecified | 0 | 1 | 3 | 16 | 44 | 20 | 64 | 1.1 | 2.6 | 0.5 | 0.6 | 0 | 1 | 6 | 30 | 68 | 37 | 105 | 2.1 | 4.5 | | |
| XII OTHER & UNSPECIFIED | 1 | 2 | 1 | 0 | 9 | 4 | 13 | 0.3 | 0.6 | 0.8 | 1.2 | 2 | 2 | 1 | 0 | 6 | 5 | 11 | 0.4 | 0.5 | | |
| a. Other specified | 1 | 2 | 1 | 0 | 5 | 4 | 9 | 0.3 | 0.4 | 1.0 | 1.3 | 2 | 2 | 0 | 0 | 3 | 4 | 7 | 0.3 | 0.4 | | |
| b. Other unspecified | 0 | 0 | 0 | 0 | 4 | 0 | 4 | - | 0.2 | 0.0 | 1.0 | 0 | 0 | 1 | 0 | 3 | 1 | 4 | 0.1 | 0.2 | | |
| TOTAL | 271 | 904 | 748 | 770 | 1238 | 2693 | 3931 | 172.7 | 183.5 | 1.3 | 1.2 | 216 | 734 | 497 | 682 | 1144 | 2129 | 3273 | 143.2 | 158.3 | | |

† includes 309 non-malignant in males and 221 non-malignant in females ‡ includes 3 non-malignant in males and 8 non-malignant in females

Please consult the quality indicators for the constituent registries

FRANCE, 13 registries (1993-2012)

| | Age group | Males | Females |
|---------------------------|-----------|------------|------------|
| Person-years | 0 | 1 039 125 | 989 269 |
| | 1-4 | 4 216 929 | 4 014 207 |
| | 5-9 | 5 354 538 | 5 090 479 |
| | 10-14 | 5 433 345 | 5 178 088 |
| | 15-19 | 5 616 077 | 5 441 799 |
| Total | 0-14 | 16 043 937 | 15 272 043 |
| | 0-19 | 21 660 014 | 20 713 842 |
| Average annual population | 0-14 | 802 197 | 763 602 |
| | 0-19 | 1 083 001 | 1 035 692 |

Please consult the quality indicators for the constituent registries

FRANCE, 13 registries (1993-2012)

| Registry | Period | Cases | % | Person-years | % |
|-----------------------------|------------------|-------------|--------------|-------------------|--------------|
| Bas-Rhin | 1993-2011 | 872 | 12.1 | 5 035 555 | 11.9 |
| Calvados | 1993-2012 | 564 | 7.8 | 3 464 517 | 8.2 |
| Doubs | 1993-2012 | 462 | 6.4 | 2 682 953 | 6.3 |
| Gironde | 2008-2012 | 317 | 4.4 | 1 728 884 | 4.1 |
| Haut-Rhin | 1993-2012 | 594 | 8.2 | 3 688 407 | 8.7 |
| Hérault | 1993-2012 | 821 | 11.4 | 4 594 978 | 10.8 |
| Isère | 1993-2012 | 1100 | 15.3 | 6 086 411 | 14.4 |
| Lille | 2008-2012 | 192 | 2.7 | 1 018 249 | 2.4 |
| Limousin | 2009-2011 | 43 | 0.6 | 237 246 | 0.6 |
| Loire-Atlantique and Vendée | 1998-2012 | 1181 | 16.4 | 6 958 225 | 16.4 |
| Manche | 1994-2012 | 370 | 5.1 | 2 322 619 | 5.5 |
| Somme | 1993-2012 | 425 | 5.9 | 2 937 532 | 6.9 |
| Tarn | 1993-2012 | 263 | 3.7 | 1 618 280 | 3.8 |
| FRANCE | 1993-2012 | 7204 | 100.0 | 42 373 856 | 100.0 |

Please consult the quality indicators for the constituent registries

International Incidence of Childhood Cancer Volume III <http://iicc.iarc.fr/results>

Europe

Lille
(2008-2012)Tarn
(1993-2012)

| | Lille (2008-2012) | | | Lille (2008-2012) | | | Tarn (1993-2012) | | | Tarn (1993-2012) | | |
|------------------------------------|-------------------|----------|-------|-------------------|----------|-------|------------------|----------|-------|------------------|----------|-------|
| | Cases | 0-14 M/F | ASR | Cases | 0-19 M/F | ASR | Cases | 0-14 M/F | ASR | Cases | 0-19 M/F | ASR |
| I LEUKAEMIA | 31 | 1.2 | 42.7 | 41 | 1.4 | 41.3 | 60 | 1.7 | 51.6 | 70 | 1.8 | 45.3 |
| a. Lymphoid | 19 | 1.4 | 26.2 | 25 | 2.1 | 25.2 | 48 | 1.5 | 42.4 | 53 | 1.6 | 35.5 |
| b. Acute myeloid | 9 | 1.3 | 12.4 | 12 | 0.7 | 12.1 | 9 | 3.5 | 7.0 | 13 | 3.3 | 7.6 |
| c. CMD | 0 | . | . | 1 | . | 0.8 | 0 | . | . | 1 | 0.0 | 0.5 |
| d. MDS & other | 3 | 0.5 | 4.1 | 3 | 0.5 | 3.2 | 0 | . | . | 0 | . | . |
| e. Unspecified | 0 | . | . | 0 | . | . | 3 | 2.0 | 2.2 | 3 | 2.0 | 1.7 |
| II LYMPHOMA & RELATED | 14 | 2.5 | 18.6 | 33 | 1.5 | 29.9 | 20 | 1.2 | 15.3 | 36 | 1.0 | 20.4 |
| a. Hodgkin | 3 | 0.5 | 3.9 | 15 | 1.1 | 12.8 | 10 | 1.0 | 7.5 | 23 | 0.9 | 12.8 |
| b. Non-Hodgkin except BL | 6 | . | 8.0 | 13 | 2.3 | 11.9 | 6 | 2.0 | 4.8 | 9 | 1.3 | 5.3 |
| c. Burkitt (BL) | 3 | . | 3.8 | 3 | . | 3.0 | 4 | 1.0 | 3.0 | 4 | 1.0 | 2.3 |
| d. Lymphoreticular | 2 | 0.0 | 2.9 | 2 | 0.0 | 2.2 | 0 | . | . | 0 | . | . |
| e. Unspecified | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| III CNS NEOPLASMS † | 23 | 0.8 | 31.6 | 30 | 0.7 | 30.2 | 52 | 1.4 | 43.5 | 61 | 1.4 | 38.6 |
| a. Ependymoma | 1 | 0.0 | 1.3 | 2 | 1.0 | 1.9 | 1 | . | 1.0 | 2 | 1.0 | 1.3 |
| b. Astrocytoma | 10 | 0.7 | 14.0 | 12 | 0.5 | 12.4 | 13 | 1.2 | 10.7 | 16 | 1.3 | 9.9 |
| c. CNS embryonal | 7 | 1.3 | 9.7 | 8 | 1.7 | 8.4 | 15 | 1.1 | 13.6 | 15 | 1.1 | 10.6 |
| d. Other gliomas | 2 | 1.0 | 2.7 | 5 | 0.3 | 4.5 | 6 | 0.5 | 4.7 | 7 | 0.8 | 4.2 |
| e. Other specified | 3 | 0.5 | 3.9 | 3 | 0.5 | 3.0 | 10 | 1.5 | 8.0 | 14 | 1.8 | 8.4 |
| f. Unspecified CNS | 0 | . | . | 0 | . | . | 7 | 6.0 | 5.5 | 7 | 6.0 | 4.3 |
| IV NEUROBLASTOMA | 13 | 2.3 | 18.8 | 13 | 2.3 | 14.6 | 14 | 2.5 | 13.6 | 16 | 3.0 | 11.6 |
| a. (Ganglio)neuroblastoma | 13 | 2.3 | 18.8 | 13 | 2.3 | 14.6 | 13 | 2.3 | 12.8 | 14 | 2.5 | 10.5 |
| b. Peripheral nervous | 0 | . | . | 0 | . | . | 1 | . | 0.8 | 2 | . | 1.2 |
| V RETINOBLASTOMA | 5 | . | 7.2 | 5 | . | 5.6 | 1 | . | 1.0 | 1 | . | 0.8 |
| VI RENAL TUMOURS | 2 | 1.0 | 2.9 | 2 | 1.0 | 2.2 | 10 | 0.7 | 10.0 | 10 | 0.7 | 7.7 |
| a. Nephroblastoma | 2 | 1.0 | 2.9 | 2 | 1.0 | 2.2 | 9 | 0.5 | 9.3 | 9 | 0.5 | 7.2 |
| b. Renal carcinoma | 0 | . | . | 0 | . | . | 1 | . | 0.7 | 1 | . | 0.5 |
| c. Unspecified | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| VII HEPATIC TUMOURS | 6 | 2.0 | 8.6 | 6 | 2.0 | 6.7 | 2 | 0.0 | 1.7 | 2 | 0.0 | 1.3 |
| a. Hepatoblastoma | 6 | 2.0 | 8.6 | 6 | 2.0 | 6.7 | 2 | 0.0 | 1.7 | 2 | 0.0 | 1.3 |
| b. Hepatic carcinoma | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| c. Unspecified | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| VIII BONE TUMOURS | 8 | 1.7 | 10.3 | 17 | 1.8 | 15.3 | 4 | 0.3 | 3.0 | 12 | 3.0 | 6.6 |
| a. Osteosarcoma | 6 | 5.0 | 7.6 | 10 | 4.0 | 9.2 | 1 | 0.0 | 0.8 | 6 | 5.0 | 3.3 |
| b. Chondrosarcoma | 0 | . | . | 0 | . | . | 0 | . | . | 1 | . | 0.5 |
| c. Ewing & related | 2 | 0.0 | 2.7 | 7 | 0.8 | 6.1 | 3 | 0.5 | 2.2 | 4 | 1.0 | 2.2 |
| d. Other specified | 0 | . | . | 0 | . | . | 0 | . | . | 1 | . | 0.5 |
| e. Unspecified | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| IX SOFT TISSUE SARCOMA | 8 | 7.0 | 11.1 | 9 | 3.5 | 9.4 | 8 | 0.6 | 7.1 | 15 | 0.9 | 9.3 |
| a. Rhabdomyosarcoma | 5 | 4.0 | 7.0 | 5 | 4.0 | 5.5 | 4 | 1.0 | 3.6 | 6 | 2.0 | 3.8 |
| b. Fibrosarcoma | 1 | . | 1.4 | 1 | . | 1.1 | 1 | . | 1.0 | 1 | . | 0.8 |
| c. Kaposi sarcoma | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| d. Other specified | 2 | . | 2.6 | 2 | . | 2.0 | 2 | 0.0 | 1.5 | 7 | 0.4 | 3.8 |
| e. Unspecified | 0 | . | . | 1 | 0.0 | 0.8 | 1 | 0.0 | 1.0 | 1 | 0.0 | 0.8 |
| X GERM CELL TUMOURS | 6 | 0.0 | 7.9 | 16 | 0.8 | 14.3 | 4 | 3.0 | 2.8 | 14 | 3.7 | 7.5 |
| a. CNS germ cell | 1 | 0.0 | 1.4 | 2 | 1.0 | 1.9 | 1 | . | 0.7 | 3 | . | 1.6 |
| b. Other extragonadal | 1 | 0.0 | 1.4 | 1 | 0.0 | 1.1 | 0 | . | . | 0 | . | . |
| c. Gonadal germ cell | 4 | 0.0 | 5.1 | 11 | 1.2 | 9.6 | 3 | 2.0 | 2.1 | 11 | 2.7 | 5.9 |
| d. Gonadal carcinoma | 0 | . | . | 2 | 0.0 | 1.6 | 0 | . | . | 0 | . | . |
| e. Unspecified gonadal | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| XI CARCINOMA & MELANOMA | 6 | 1.0 | 7.6 | 17 | 0.9 | 14.9 | 10 | 1.5 | 7.5 | 26 | 0.6 | 14.4 |
| a. Adrenocortical | 0 | . | . | 0 | . | . | 0 | . | . | 1 | 0.0 | 0.5 |
| b. Thyroid | 3 | 0.5 | 3.7 | 6 | 1.0 | 5.3 | 2 | 0.0 | 1.7 | 6 | 0.2 | 3.5 |
| c. Nasopharyngeal | 0 | . | . | 0 | . | . | 0 | . | . | 2 | . | 1.1 |
| d. Melanoma | 1 | . | 1.3 | 4 | 0.3 | 3.5 | 2 | 1.0 | 1.4 | 6 | 0.5 | 3.2 |
| e. Skin carcinoma | 0 | . | . | 0 | . | . | 2 | . | 1.5 | 2 | . | 1.2 |
| f. Other & unspecified | 2 | 1.0 | 2.6 | 7 | 1.3 | 6.1 | 4 | 3.0 | 2.9 | 9 | 0.5 | 4.9 |
| XII OTHER & UNSPECIFIED | 2 | 1.0 | 2.9 | 3 | 0.5 | 3.1 | 0 | . | . | 0 | . | . |
| a. Other specified | 2 | 1.0 | 2.9 | 3 | 0.5 | 3.1 | 0 | . | . | 0 | . | . |
| b. Other unspecified | 0 | . | . | 0 | . | . | 0 | . | . | 0 | . | . |
| TOTAL | 124 | 1.4 | 170.4 | 192 | 1.3 | 187.4 | 185 | 1.4 | 157.0 | 263 | 1.4 | 163.6 |

† includes 11 non-malignant in Lille 33 non-malignant in Tarn ‡ includes 1 non-malignant in Lille

Please consult the quality indicators for the constituent registries