

USA, Washington, Seattle (1993-2012)

| | Males | | | | | | | | | | M/F ratio | | Females | | | | | | | | | | | |
|------------------------------------|-------------------------------|-----|-----|-------|-------|------|------|-----------------|-------|------|-----------|------|-------------------------------|-----|-----|-------|-------|------|-------|-----------------|------|------|------|------|
| | Number of cases in age groups | | | | | | | | | | 0-14 | 0-19 | Number of cases in age groups | | | | | | | | | | 0-14 | 0-19 |
| | 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 | 32 | 195 | 114 | 87 | 92 | 428 | 520 | 53.7 | 48.8 | 1.1 | 1.2 | 24 | 176 | 110 | 65 | 63 | 375 | 438 | 49.6 | 43.7 | | | | |
| a. Lymphoid | 12 | 172 | 104 | 62 | 56 | 350 | 406 | 44.0 | 38.5 | 1.2 | 1.3 | 14 | 153 | 86 | 45 | 21 | 298 | 319 | 39.7 | 32.5 | | | | |
| b. Acute myeloid | 13 | 18 | 9 | 16 | 24 | 56 | 80 | 7.0 | 7.3 | 1.0 | 1.0 | 8 | 16 | 17 | 14 | 23 | 55 | 78 | 7.1 | 7.4 | | | | |
| c. CMD | 1 | 1 | 0 | 6 | 10 | 8 | 18 | 0.9 | 1.5 | 1.1 | 0.9 | 0 | 3 | 1 | 3 | 12 | 7 | 19 | 0.9 | 1.7 | | | | |
| d. MDS & other | 5 | 3 | 0 | 2 | 2 | 10 | 12 | 1.3 | 1.2 | 0.8 | 0.6 | 1 | 3 | 5 | 3 | 7 | 12 | 19 | 1.5 | 1.8 | | | | |
| e. Unspecified | 1 | 1 | 1 | 1 | 0 | 4 | 4 | 0.5 | 0.4 | 1.3 | 1.3 | 1 | 1 | 1 | 0 | 0 | 3 | 3 | 0.4 | 0.3 | | | | |
| II LYMPHOMA & RELATED | 3 | 37 | 49 | 81 | 167 | 170 | 337 | 19.4 | 28.1 | 1.5 | 1.4 | 3 | 19 | 28 | 62 | 135 | 112 | 247 | 13.2 | 21.5 | | | | |
| a. Hodgkin | 0 | 3 | 16 | 28 | 99 | 47 | 146 | 5.1 | 11.7 | 1.1 | 1.1 | 0 | 0 | 3 | 41 | 95 | 44 | 139 | 4.7 | 11.6 | | | | |
| b. Non-Hodgkin except BL | 1 | 16 | 15 | 31 | 53 | 63 | 116 | 7.2 | 9.8 | 1.2 | 1.4 | 1 | 14 | 17 | 19 | 34 | 51 | 85 | 6.3 | 7.7 | | | | |
| c. Burkitt (BL) | 0 | 10 | 14 | 16 | 10 | 40 | 50 | 4.6 | 4.4 | 6.7 | 4.5 | 0 | 2 | 3 | 1 | 5 | 6 | 11 | 0.8 | 1.0 | | | | |
| d. Lymphoreticular | 2 | 8 | 3 | 6 | 1 | 19 | 20 | 2.3 | 1.9 | 1.7 | 1.8 | 2 | 3 | 5 | 1 | 0 | 11 | 11 | 1.4 | 1.1 | | | | |
| e. Unspecified | 0 | 0 | 1 | 0 | 4 | 1 | 5 | 0.1 | 0.4 | - | 5.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.1 | | | | |
| III CNS NEOPLASMS | 18 | 112 | 132 | 97 | 79 | 359 | 438 | 43.2 | 39.7 | 1.2 | 1.2 | 17 | 85 | 107 | 83 | 67 | 292 | 359 | 36.7 | 34.0 | | | | |
| a. Ependymoma | 7 | 17 | 8 | 6 | 5 | 38 | 43 | 4.9 | 4.2 | 1.8 | 1.8 | 1 | 8 | 7 | 5 | 3 | 21 | 24 | 2.7 | 2.3 | | | | |
| b. Astrocytoma | 4 | 48 | 57 | 48 | 43 | 157 | 200 | 18.7 | 17.8 | 1.0 | 1.0 | 9 | 49 | 54 | 46 | 33 | 158 | 191 | 19.9 | 18.2 | | | | |
| c. CNS embryonal | 4 | 29 | 38 | 13 | 12 | 84 | 96 | 10.3 | 8.9 | 1.6 | 1.6 | 4 | 15 | 22 | 12 | 8 | 53 | 61 | 6.7 | 5.9 | | | | |
| d. Other gliomas | 1 | 17 | 25 | 28 | 18 | 71 | 89 | 8.2 | 7.8 | 1.2 | 1.1 | 2 | 13 | 24 | 19 | 22 | 58 | 80 | 7.1 | 7.3 | | | | |
| e. Other specified | 1 | 1 | 2 | 2 | 0 | 6 | 6 | 0.7 | 0.6 | 3.0 | 3.0 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 0.3 | 0.2 | | | | |
| f. Unspecified CNS | 1 | 0 | 2 | 0 | 1 | 3 | 4 | 0.4 | 0.4 | - | 4.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.1 | | | | |
| IV NEUROBLASTOMA | 38 | 56 | 7 | 3 | 4 | 104 | 108 | 14.3 | 11.4 | 1.2 | 1.2 | 33 | 47 | 8 | 2 | 3 | 90 | 93 | 12.9 | 10.3 | | | | |
| a. (Ganglio)neuroblastoma | 38 | 56 | 7 | 1 | 3 | 102 | 105 | 14.1 | 11.1 | 1.1 | 1.2 | 33 | 47 | 8 | 1 | 1 | 89 | 90 | 12.8 | 10.0 | | | | |
| b. Peripheral nervous | 0 | 0 | 0 | 2 | 1 | 2 | 3 | 0.2 | 0.2 | 2.0 | 1.0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 0.1 | 0.2 | | | | |
| V RETINOBLASTOMA | 13 | 12 | 1 | 0 | 0 | 26 | 26 | 3.6 | 2.8 | 0.6 | 0.6 | 16 | 26 | 1 | 0 | 0 | 43 | 43 | 6.3 | 4.9 | | | | |
| VI RENAL TUMOURS | 7 | 50 | 15 | 6 | 3 | 78 | 81 | 10.3 | 8.2 | 1.0 | 0.9 | 9 | 46 | 23 | 3 | 8 | 81 | 89 | 11.2 | 9.3 | | | | |
| a. Nephroblastoma | 7 | 50 | 15 | 2 | 0 | 74 | 74 | 9.9 | 7.7 | 1.0 | 0.9 | 9 | 45 | 20 | 2 | 3 | 76 | 79 | 10.6 | 8.4 | | | | |
| b. Renal carcinoma | 0 | 0 | 0 | 4 | 3 | 4 | 7 | 0.4 | 0.5 | 0.8 | 0.7 | 0 | 1 | 3 | 1 | 5 | 5 | 10 | 0.6 | 0.9 | | | | |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | | | |
| VII HEPATIC TUMOURS | 4 | 11 | 4 | 5 | 5 | 24 | 29 | 3.1 | 2.8 | 1.0 | 1.0 | 6 | 15 | 2 | 1 | 6 | 24 | 30 | 3.4 | 3.2 | | | | |
| a. Hepatoblastoma | 4 | 11 | 4 | 0 | 0 | 19 | 19 | 2.6 | 2.0 | 0.8 | 0.8 | 6 | 15 | 1 | 1 | 0 | 23 | 23 | 3.3 | 2.6 | | | | |
| b. Hepatic carcinoma | 0 | 0 | 0 | 5 | 5 | 5 | 10 | 0.5 | 0.8 | 5.0 | 1.4 | 0 | 0 | 1 | 0 | 6 | 1 | 7 | 0.1 | 0.6 | | | | |
| c. Unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | | | |
| VIII BONE TUMOURS | 0 | 1 | 14 | 41 | 45 | 56 | 101 | 5.9 | 8.1 | 1.4 | 1.6 | 0 | 3 | 12 | 25 | 23 | 40 | 63 | 4.5 | 5.4 | | | | |
| a. Osteosarcoma | 0 | 1 | 4 | 22 | 21 | 27 | 48 | 2.8 | 3.8 | 1.0 | 1.3 | 0 | 2 | 7 | 17 | 10 | 26 | 36 | 2.9 | 3.1 | | | | |
| b. Chondrosarcoma | 0 | 0 | 0 | 3 | 1 | 3 | 4 | 0.3 | 0.3 | - | 1.0 | 0 | 0 | 0 | 4 | 0 | 4 | - | 0.3 | - | | | | |
| c. Ewing & related | 0 | 0 | 10 | 15 | 18 | 25 | 43 | 2.7 | 3.5 | 2.3 | 2.1 | 0 | 0 | 4 | 7 | 9 | 11 | 20 | 1.2 | 1.7 | | | | |
| d. Other specified | 0 | 0 | 0 | 0 | 3 | 0 | 3 | - | 0.2 | 0.0 | 3.0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0.1 | 0.1 | | | | |
| e. Unspecified | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 0.1 | 0.2 | 0.5 | 1.5 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 0.2 | 0.2 | | | | |
| IX SOFT TISSUE SARCOMA | 10 | 28 | 20 | 30 | 51 | 88 | 139 | 10.6 | 12.3 | 0.9 | 0.9 | 10 | 25 | 23 | 35 | 59 | 93 | 152 | 11.6 | 13.9 | | | | |
| a. Rhabdomyosarcoma | 1 | 21 | 12 | 8 | 9 | 42 | 51 | 5.3 | 4.8 | 1.0 | 1.0 | 3 | 18 | 12 | 8 | 12 | 41 | 53 | 5.4 | 5.2 | | | | |
| b. Fibrosarcoma | 4 | 2 | 0 | 7 | 2 | 13 | 15 | 1.5 | 1.4 | 1.3 | 0.8 | 5 | 2 | 3 | 0 | 8 | 10 | 18 | 1.4 | 1.7 | | | | |
| c. Kaposi sarcoma | 0 | 0 | 0 | 0 | 2 | 0 | 2 | - | 0.2 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | | | | |
| d. Other specified | 3 | 4 | 8 | 12 | 33 | 27 | 60 | 3.1 | 5.0 | 0.8 | 0.9 | 2 | 4 | 7 | 21 | 33 | 34 | 67 | 3.9 | 5.8 | | | | |
| e. Unspecified | 2 | 1 | 0 | 3 | 5 | 6 | 11 | 0.7 | 1.0 | 0.8 | 0.8 | 0 | 1 | 1 | 6 | 6 | 8 | 14 | 0.9 | 1.2 | | | | |
| X GERM CELL TUMOURS | 7 | 8 | 2 | 18 | 98 | 35 | 133 | 4.1 | 10.9 | 0.7 | 1.4 | 5 | 12 | 4 | 26 | 49 | 47 | 96 | 5.7 | 8.5 | | | | |
| a. CNS germ cell | 1 | 0 | 2 | 11 | 5 | 14 | 19 | 1.5 | 1.5 | 1.6 | 2.1 | 1 | 1 | 2 | 5 | 0 | 9 | 9 | 1.1 | 0.8 | | | | |
| b. Other extragonadal | 4 | 3 | 0 | 1 | 6 | 8 | 14 | 1.1 | 1.3 | 0.6 | 0.9 | 4 | 8 | 0 | 1 | 3 | 13 | 16 | 1.9 | 1.7 | | | | |
| c. Gonadal germ cell | 2 | 5 | 0 | 6 | 87 | 13 | 100 | 1.6 | 8.1 | 0.6 | 1.6 | 0 | 3 | 2 | 18 | 38 | 23 | 61 | 2.6 | 5.2 | | | | |
| d. Gonadal carcinoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 0 | 0 | 0 | 2 | 7 | 2 | 9 | 0.2 | 0.7 | | | | |
| e. Unspecified gonadal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | - | 0.1 | | | | |
| XI CARCINOMA & MELANOMA | 0 | 3 | 6 | 36 | 91 | 45 | 136 | 4.7 | 10.8 | 0.7 | 0.5 | 2 | 2 | 7 | 51 | 220 | 62 | 282 | 6.8 | 23.6 | | | | |
| a. Adrenocortical | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 1 | 0 | 1 | 2 | 2 | 4 | 6 | 0.5 | 0.5 | | | | |
| b. Thyroid | 0 | 0 | 2 | 10 | 20 | 12 | 32 | 1.2 | 2.5 | 0.8 | 0.2 | 0 | 0 | 2 | 14 | 113 | 16 | 129 | 1.7 | 10.7 | | | | |
| c. Nasopharyngeal | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0.2 | 0.2 | 2.0 | 2.0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0.1 | 0.1 | | | | |
| d. Melanoma | 0 | 2 | 1 | 10 | 42 | 13 | 55 | 1.4 | 4.4 | 0.6 | 0.6 | 1 | 2 | 2 | 17 | 69 | 22 | 91 | 2.5 | 7.7 | | | | |
| e. Skin carcinoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 0.2 | 0.2 | | | | |
| f. Other & unspecified | 0 | 1 | 3 | 14 | 29 | 18 | 47 | 1.9 | 3.7 | 1.1 | 0.9 | 0 | 0 | 1 | 16 | 36 | 17 | 53 | 1.8 | 4.4 | | | | |
| XII OTHER & UNSPECIFIED | 0 | 1 | 1 | 1 | 2 | 3 | 5 | 0.4 | 0.4 | 0.5 | 0.5 | 1 | 2 | 2 | 1 | 5 | 6 | 11 | 0.8 | 1.0 | | | | |
| a. Other specified | 0 | 1 | 1 | 1 | 2 | 3 | 5 | 0.4 | 0.4 | 1.0 | 1.3 | 0 | 1 | 2 | 0 | 1 | 3 | 4 | 0.4 | 0.4 | | | | |
| b. Other unspecified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | 0.0 | 0.0 | 1 | 1 | 0 | 1 | 4 | 3 | 7 | 0.4 | 0.6 | | | | |
| TOTAL | 132 | 514 | 365 | 405 | 637 | 1416 | 2053 | 173.2 | 184.3 | 1.1 | 1.1 | 126 | 458 | 327 | 354 | 638 | 1265 | 1903 | 162.8 | 179.3 | | | | |

Please consult the quality indicators for this registry

USA, Washington, Seattle (1993-2012)

| | Age group | Males | Females |
|---------------------------|-----------|------------|------------|
| Person-years | 0 | 554 329 | 528 859 |
| | 1-4 | 2 207 817 | 2 105 244 |
| | 5-9 | 2 802 080 | 2 665 696 |
| | 10-14 | 2 890 253 | 2 745 299 |
| | 15-19 | 2 864 655 | 2 701 158 |
| Total | 0-14 | 8 454 479 | 8 045 098 |
| | 0-19 | 11 319 134 | 10 746 256 |
| Average annual population | 0-14 | 422 724 | 402 255 |
| | 0-19 | 565 957 | 537 313 |

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