

# Proportion of death certificate only (DCO%) cases

Among cancers in children (0-14 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | DCO%      |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 0.2       | 0.0       | 0.0       |
| II Lymphomas                        | 0.4       | 0.0       | 0.0       |
| III Brain and other CNS tumors      | 1.4       | 0.6       | 0.3       |
| IV Neuroblastoma                    | 0.9       | 0.0       | 0.0       |
| V Retinoblastoma                    | 0.0       | 0.0       | 0.0       |
| VI Kidney tumors                    | 0.0       | 0.0       | 0.0       |
| VII Liver tumors                    | 0.0       | 5.3       | 0.0       |
| VIII Bone tumors                    | 0.0       | 0.0       | 0.0       |
| IX Soft tissue sarcomas             | 0.0       | 0.0       | 0.0       |
| X Germ cell tumors                  | 0.0       | 1.6       | 0.0       |
| XI Other carcinomas and melanomas   | 3.1       | 0.0       | 0.0       |
| XII Other and unspecified neoplasms | 40.0      | 0.0       | 14.3      |

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Proportion of death certificate only (DCO%) cases

Among cancers in adolescents (15-19 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | DCO%      |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 17.1      | 1.1       | 0.0       |
| II Lymphomas                        | 4.1       | 0.5       | 0.0       |
| III Brain and other CNS tumors      | 4.6       | 3.4       | 0.0       |
| IV Neuroblastoma                    | 0.0       | 0.0       | 0.0       |
| V Retinoblastoma                    | NA        | NA        | NA        |
| VI Kidney tumors                    | 0.0       | 0.0       | 0.0       |
| VII Liver tumors                    | 30.0      | 14.3      | 0.0       |
| VIII Bone tumors                    | 14.8      | 4.8       | 0.0       |
| IX Soft tissue sarcomas             | 3.3       | 10.4      | 1.6       |
| X Germ cell tumors                  | 5.0       | 1.0       | 0.0       |
| XI Other carcinomas and melanomas   | 3.9       | 1.0       | 0.4       |
| XII Other and unspecified neoplasms | 57.1      | 0.0       | 0.0       |

Abbreviation: NA not applicable (data set to NA if number of cases equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Proportion of death certificate only (DCO%) cases

Among cancers in adolescents (15-19 years old) diagnosed in cantons with a cancer registry by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | DCO%      |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 3.4       | 1.3       | 0.0       |
| II Lymphomas                        | 1.7       | 0.0       | 0.0       |
| III Brain and other CNS tumors      | 0.0       | 0.8       | 0.0       |
| IV Neuroblastoma                    | 0.0       | 0.0       | 0.0       |
| V Retinoblastoma                    | NA        | NA        | NA        |
| VI Kidney tumors                    | 0.0       | 0.0       | 0.0       |
| VII Liver tumors                    | 0.0       | 0.0       | 0.0       |
| VIII Bone tumors                    | 4.9       | 0.0       | 0.0       |
| IX Soft tissue sarcomas             | 3.7       | 0.0       | 0.0       |
| X Germ cell tumors                  | 1.4       | 1.0       | 0.0       |
| XI Other carcinomas and melanomas   | 0.8       | 0.0       | 0.0       |
| XII Other and unspecified neoplasms | 0.0       | 0.0       | 0.0       |

Abbreviation: NA not applicable (data set to NA if number of cases equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Proportion of microscopically verified (MV%) cases

Among cancers in children (0-14 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | MV%       |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 99.8      | 100.0     | 99.8      |
| II Lymphomas                        | 99.6      | 99.1      | 100.0     |
| III Brain and other CNS tumors      | 88.8      | 81.4      | 76.3      |
| IV Neuroblastoma                    | 94.6      | 95.9      | 95.2      |
| V Retinoblastoma                    | 67.9      | 40.9      | 14.0      |
| VI Kidney tumors                    | 99.0      | 98.9      | 96.6      |
| VII Liver tumors                    | 100.0     | 94.7      | 100.0     |
| VIII Bone tumors                    | 100.0     | 100.0     | 100.0     |
| IX Soft tissue sarcomas             | 100.0     | 100.0     | 100.0     |
| X Germ cell tumors                  | 98.2      | 98.4      | 91.8      |
| XI Other carcinomas and melanomas   | 96.9      | 100.0     | 100.0     |
| XII Other and unspecified neoplasms | 20.0      | 100.0     | 85.7      |

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Proportion of microscopically verified (MV%) cases

Among cancers in adolescents (15-19 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | MV%       |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 81.6      | 97.9      | 100.0     |
| II Lymphomas                        | 95.4      | 99.0      | 99.3      |
| III Brain and other CNS tumors      | 82.8      | 84.4      | 77.5      |
| IV Neuroblastoma                    | 100.0     | 100.0     | 88.9      |
| V Retinoblastoma                    | NA        | NA        | NA        |
| VI Kidney tumors                    | 100.0     | 100.0     | 100.0     |
| VII Liver tumors                    | 70.0      | 85.7      | 100.0     |
| VIII Bone tumors                    | 85.2      | 95.2      | 100.0     |
| IX Soft tissue sarcomas             | 96.7      | 89.6      | 98.4      |
| X Germ cell tumors                  | 93.8      | 97.0      | 96.6      |
| XI Other carcinomas and melanomas   | 96.1      | 98.5      | 97.7      |
| XII Other and unspecified neoplasms | 14.3      | 66.7      | 83.3      |

Abbreviation: NA not applicable (data set to NA if number of cases equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Proportion of microscopically verified (MV%) cases

Among cancers in adolescents (15-19 years old) diagnosed in cantons with a cancer registry by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | MV%       |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 96.6      | 98.7      | 100.0     |
| II Lymphomas                        | 98.3      | 99.5      | 99.2      |
| III Brain and other CNS tumors      | 86.1      | 87.4      | 77.2      |
| IV Neuroblastoma                    | 100.0     | 100.0     | 88.9      |
| V Retinoblastoma                    | NA        | NA        | NA        |
| VI Kidney tumors                    | 100.0     | 100.0     | 100.0     |
| VII Liver tumors                    | 100.0     | 100.0     | 0.0       |
| VIII Bone tumors                    | 95.1      | 100.0     | 100.0     |
| IX Soft tissue sarcomas             | 96.3      | 100.0     | 100.0     |
| X Germ cell tumors                  | 98.6      | 96.9      | 98.1      |
| XI Other carcinomas and melanomas   | 99.2      | 99.5      | 98.8      |
| XII Other and unspecified neoplasms | 50.0      | 66.7      | 83.3      |

Abbreviation: NA not applicable (data set to NA if number of cases equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Mortality to incidence (M:I) ratios

For children (0-14 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICCC-3<sup>1</sup>

| Cancer type                         | M:I ratio |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 0.2       | 0.1       | 0.1       |
| II Lymphomas                        | 0.1       | 0.0       | 0.0       |
| III Brain and other CNS tumors      | 0.3       | 0.2       | 0.2       |
| IV Neuroblastoma                    | 0.2       | 0.3       | 0.1       |
| V Retinoblastoma                    | 0.0       | 0.1       | 0.0       |
| VI Kidney tumors                    | 0.1       | 0.1       | 0.1       |
| VII Liver tumors                    | 0.3       | 0.2       | 0.1       |
| VIII Bone tumors                    | 0.2       | 0.2       | 0.2       |
| IX Soft tissue sarcomas             | 0.1       | 0.1       | 0.2       |
| X Germ cell tumors                  | 0.0       | 0.0       | 0.0       |
| XI Other carcinomas and melanomas   | 0.2       | 0.0       | 0.0       |
| XII Other and unspecified neoplasms | 1.9       | 3.3       | 0.8       |

Abbreviation: NA not applicable (data set to NA if number of cases or number of deaths equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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# Mortality to incidence (M:I) ratios

For adolescents (15-19 years old) by main diagnostic groups and 10-year periods

Main diagnostic groups according to ICC-3<sup>1</sup>

| Cancer type                         | M:I ratio |           |           |
|-------------------------------------|-----------|-----------|-----------|
|                                     | 1994–2003 | 2004–2013 | 2014–2023 |
| I Leukaemias                        | 0.4       | 0.2       | 0.2       |
| II Lymphomas                        | 0.0       | 0.0       | 0.0       |
| III Brain and other CNS tumors      | 0.2       | 0.2       | 0.2       |
| IV Neuroblastoma                    | 1.1       | 1.8       | 0.4       |
| V Retinoblastoma                    | NA        | NA        | NA        |
| VI Kidney tumors                    | 0.1       | 0.1       | 0.3       |
| VII Liver tumors                    | 0.6       | 0.9       | NA        |
| VIII Bone tumors                    | 0.3       | 0.3       | 0.4       |
| IX Soft tissue sarcomas             | 0.2       | 0.2       | 0.3       |
| X Germ cell tumors                  | 0.0       | 0.0       | 0.0       |
| XI Other carcinomas and melanomas   | 0.0       | 0.0       | 0.0       |
| XII Other and unspecified neoplasms | 4.8       | 1.0       | 0.8       |

Abbreviation: NA not applicable (data set to NA if number of cases or number of deaths equals zero).

<sup>1</sup> Steliarova-Foucher E. *et al.* International Classification of Childhood Cancer, Third edition. *Cancer* 2005; 103:1457-67.doi: 10.1002/cncr.20910. PMID: 15712273.

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