

**Tabelle 1: Zahl gemeldeter Patienten auf Basis des ICCC-3 am Deutschen Kinderkrebsregister und Bevölkerungsbezug (Kinder unter 15 Jahren)**

|                                                             |                |
|-------------------------------------------------------------|----------------|
| Anzahl insgesamt erfasster Patienten (1980-2005):           | 39.448         |
| Durchschnittschnittliche jährliche Bevölkerung (2001-2005): | 12,3 Millionen |
| Anzahl jährlich erfasster Neuerkrankungen:                  | ca. 1.800      |

**Number of registered cases based on ICCC-3 at the German Childhood Cancer Registry and population base (children aged under 15)**

|                                               |              |
|-----------------------------------------------|--------------|
| Total number of registered cases (1980-2005): | 39,448       |
| Average annual population (2001-2005):        | 12.3 million |
| Annual number of registered cases:            | about 1,800  |

**Tabelle 2: Anzahl der gemeldeten Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung, alters-standardisierte Inzidenzrate und kumulative Inzidenz (pro 100.000) nach ICCC-3-Diagnosegruppen, ergänzt um weitere systematisch erfasste Erkrankungen**

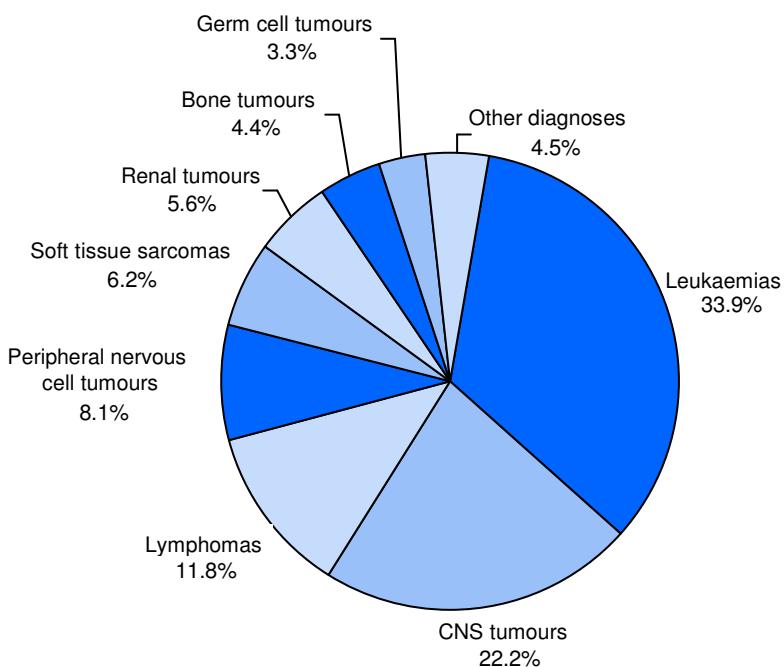
**Number of registered cases in Germany aged under 15, age-standardized incidence rate and cumulative incidence (per 100,000) by diagnostic groups (as defined by ICCC-3), and further systematically documented diagnoses**

| Diagnoses                                          | Number of cases<br>1980-2005 |              | Incidence rates<br>1996-2005 |            |
|----------------------------------------------------|------------------------------|--------------|------------------------------|------------|
|                                                    | Absolute                     | Relative (%) | Age-standard.*               | Cumulative |
| Leukaemias                                         | 13678                        | 34.7         | 5.1                          | 75.7       |
| Lymphomas                                          | 4785                         | 12.1         | 1.7                          | 25.0       |
| CNS tumours                                        | 8062                         | 20.4         | 3.3                          | 48.7       |
| Peripheral nervous cell tumours                    | 3112                         | 7.9          | 1.3                          | 19.0       |
| Retinoblastoma                                     | 883                          | 2.2          | 0.3                          | 4.7        |
| Renal tumours                                      | 2381                         | 6.0          | 0.9                          | 13.0       |
| Hepatic tumours                                    | 400                          | 1.0          | 0.2                          | 2.3        |
| Bone tumours                                       | 1889                         | 4.8          | 0.6                          | 9.1        |
| Soft tissue sarcomas                               | 2500                         | 6.3          | 0.9                          | 13.6       |
| Germ cell tumours                                  | 1273                         | 3.2          | 0.5                          | 7.2        |
| Carcinomas                                         | 448                          | 1.1          | 0.2                          | 3.0        |
| Others and unspecified                             | 37                           | 0.1          | 0.0                          | 0.2        |
| All malignancies                                   | 39448                        | 100.0        | 14.8                         | 221.5      |
| <b>Further systematically documented diagnoses</b> |                              |              |                              |            |
| Langerhans cell histiocytosis                      | 1244                         | -            | -                            | -          |
| Benign/mature teratoma                             | 558                          | -            | -                            | -          |
| Severe aplastic anaemia                            | 296                          | -            | -                            | -          |
| Mesoblastic nephroma                               | 100                          | -            | -                            | -          |

\* Standard: West Germany in 1987 (census)

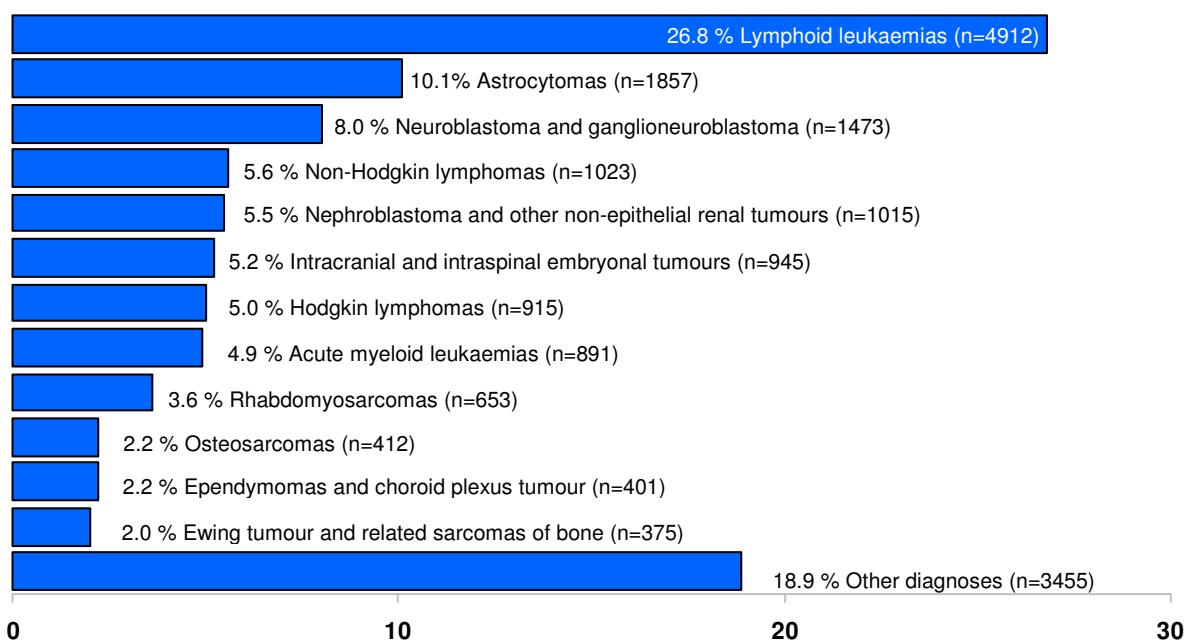
**Abbildung 1: Relative Häufigkeit der gemeldeten Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung nach den häufigsten ICCC-3-Diagnose-Hauptgruppen (1996-2005) (n = 18.327)**

**Relative frequencies of the registered patients aged under 15 in Germany by the most common main ICCC-3-diagnosis groups (1996-2005) (n = 18,327)**

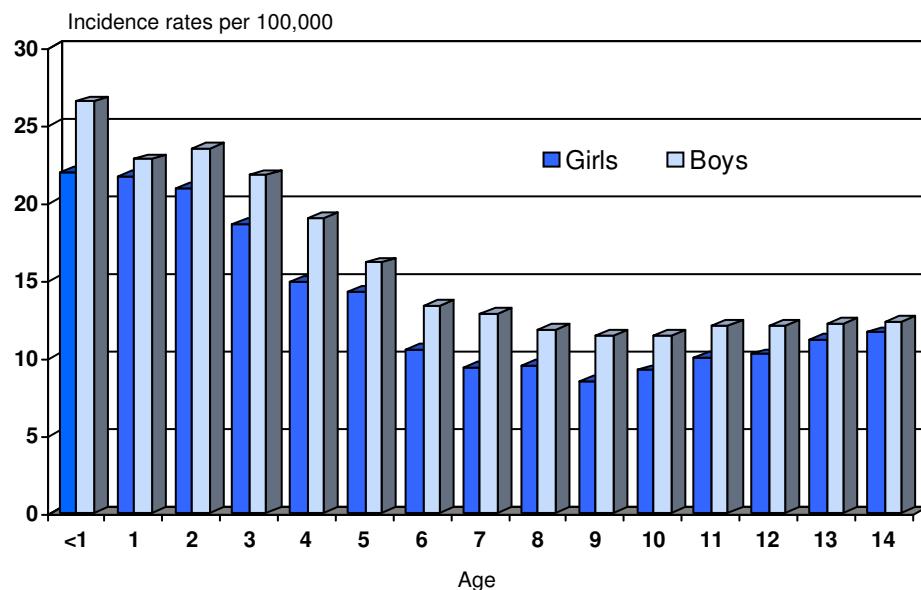


**Abbildung 2: Relative Häufigkeit der gemeldeten Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung nach den häufigsten ICCC-3-Diagnose-Unter-gruppen (1996-2005) (n = 18.327)**

**Relative frequencies of the registered patients aged under 15 in Germany by the most common ICCC-3 diagnosis subgroups (1996-2005) (n = 18,327)**



**Abbildung 3: Alters- und geschlechtsspezifische Inzidenzen für alle Malignome auf Basis des ICCC-3 der Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung (1996-2005)**  
**Age- and sex-specific incidence rates for all malignancies based on ICCC-3 of patients aged under 15 in Germany (1996-2005)**



**Tabelle 3:** Verteilung aller Registermeldungen aus der deutschen Wohnbevölkerung nach Altersgruppen bei Diagnosestellung\* (ohne Altersbeschränkung und unter Einschluss aller in Tabelle 2 genannten Erkrankungen; 2001-2005)  
**Distribution of all reported cases in Germany by age groups at diagnosis\* (without any restriction of age, including all diseases included in Table 2; 2001-2005)**

| Age groups<br>(years) | Frequency |              |
|-----------------------|-----------|--------------|
|                       | Absolute  | Relative (%) |
| 0                     | 1095      | 9.7          |
| 1-4                   | 3212      | 28.3         |
| 5-9                   | 2525      | 22.3         |
| 10-14                 | 2790      | 24.6         |
| 0-14                  | 9622      | 84.8         |
| 15-19                 | 1585      | 14.0         |
| 20-24                 | 88        | 0.8          |
| ≥25                   | 47        | 0.4          |
| ≥15                   | 1720      | 15.2         |
| All reported cases    | 11342     | 100.0        |

\* Die 15-jährigen und Älteren gehören nicht zur Registerpopulation und sind nicht repräsentativ für die Bevölkerung. /

Patients aged 15 years or older are not part of the registry population and are not representative for the German population.

**Tabelle 4: Ausgewählte Kenngrößen für einige nicht in der ICCC-3 definierte Diagnosen der Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung (2001-2005)**  
**Summary data for selected diagnoses not defined in ICCC-3 of patients under 15 in Germany (2001-2005)**

| <b>Langerhans cell histiocytosis</b> |        | Incidence rates (per 100,000) |                       |
|--------------------------------------|--------|-------------------------------|-----------------------|
|                                      |        | Age-specific:                 | Age-standardized*:    |
| Number of cases:                     | 315    | < 0: 2.0                      | 0.5                   |
| Sex ratio (boys to girls):           | 1.6    | 1-4: 0.6                      |                       |
| Age median (year,month):             | 4y 1 m | 5-9: 0.4                      | Cumulative incidence: |
| Trial participants:                  | 91.4 % | 10-14: 0.3                    | 8.0                   |

| <b>Benign/mature teratoma</b> |        | Incidence rates (per 100,000) |                       |
|-------------------------------|--------|-------------------------------|-----------------------|
|                               |        | Age-specific:                 | Age-standardized*:    |
| Number of cases:              | 175    | < 0: 2.2                      | 0.3                   |
| Sex ratio (boys to girls):    | 0.3    | 1-4: 0.1                      |                       |
| Age median (year,month):      | 1y 5 m | 5-9: 0.1                      | Cumulative incidence: |
| Trial participants:           | 97.1 % | 10-14: 0.3                    | 4.5                   |

| <b>Severe aplastic anaemia</b> |         | Incidence rates (per 100,000) |                       |
|--------------------------------|---------|-------------------------------|-----------------------|
|                                |         | Age-specific:                 | Age-standardized*:    |
| Number of cases:               | 104     | < 0: 0.1                      | 0.2                   |
| Sex ratio (boys to girls):     | 1.0     | 1-4: 0.2                      |                       |
| Age median (year,month):       | 8y 6 m  | 5-9: 0.2                      | Cumulative incidence: |
| Trial participants:            | 100.0 % | 10-14: 0.2                    | 2.5                   |

| <b>Mesoblastic nephroma</b> |        | Incidence rates (per 100,000) |                       |
|-----------------------------|--------|-------------------------------|-----------------------|
|                             |        | Age-specific:                 | Age-standardized*:    |
| Number of cases:            | 21     | < 0: 0.5                      | 0.0                   |
| Sex ratio (boys to girls):  | 2.0    | 1-4: 0.0                      |                       |
| Age median (year,month):    | 0y 0 m | 5-9: 0.0                      | Cumulative incidence: |
| Trial participants:         | 90.5 % | 10-14: 0.0                    | 0.6                   |

\* Standard: West Germany in 1987 (census)

**Tabelle 5: Anzahl der gemeldeten Patienten unter 15 Jahren auf Basis des ICCC-3, altersstandardisierte Inzidenz und Bevölkerungsbezug nach Jahren für Gesamtdeutschland sowie West- und Ostdeutschland #**

**Annual number of registered cases aged under 15 based on ICCC-3, age-standardized incidence rate and population base by calendar years for all of Germany, as well as West and East Germany #**

| Years | Number of cases |                   |                   | Incidence rates per 100,000 * |                   |                   | Population base (in million) |                   |                   |
|-------|-----------------|-------------------|-------------------|-------------------------------|-------------------|-------------------|------------------------------|-------------------|-------------------|
|       | Total           | West #<br>Germany | East #<br>Germany | Total                         | West #<br>Germany | East #<br>Germany | Total                        | West #<br>Germany | East #<br>Germany |
| 1980  | 1007            | 975               | -                 | 9.7                           | 9.7               | -                 | 11.187                       | 10.903            | -                 |
| 1981  | 1039            | 1014              | -                 | 10.1                          | 10.2              | -                 | 10.803                       | 10.525            | -                 |
| 1982  | 983             | 958               | -                 | 10.0                          | 10.0              | -                 | 10.392                       | 10.121            | -                 |
| 1983  | 1080            | 1058              | -                 | 11.2                          | 11.3              | -                 | 9.957                        | 9.694             | -                 |
| 1984  | 1031            | 1001              | -                 | 11.0                          | 11.0              | -                 | 9.539                        | 9.283             | -                 |
| 1985  | 1140            | 1111              | -                 | 12.5                          | 12.5              | -                 | 9.232                        | 8.979             | -                 |
| 1986  | 1146            | 1114              | -                 | 12.7                          | 12.8              | -                 | 9.070                        | 8.815             | -                 |
| 1987  | 1216            | 1186              | -                 | 13.7                          | 13.8              | -                 | 8.903                        | 8.652             | -                 |
| 1988  | 1220            | 1175              | -                 | 13.5                          | 13.4              | -                 | 9.019                        | 8.758             | -                 |
| 1989  | 1222            | 1197              | -                 | 13.1                          | 13.2              | -                 | 9.260                        | 8.986             | -                 |
| 1990  | 1301            | 1257              | -                 | 13.4                          | 13.3              | -                 | 9.621                        | 9.333             | -                 |
| 1991  | 1674            | 1297              | 320               | 12.8                          | 13.3              | 11.4              | 13.013                       | 9.625             | 2.842             |
| 1992  | 1814            | 1433              | 316               | 13.8                          | 14.3              | 12.0              | 13.166                       | 9.889             | 2.731             |
| 1993  | 1684            | 1342              | 275               | 12.8                          | 13.2              | 11.0              | 13.279                       | 10.123            | 2.611             |
| 1994  | 1766            | 1423              | 295               | 13.5                          | 13.8              | 12.6              | 13.298                       | 10.275            | 2.485             |
| 1995  | 1798            | 1437              | 282               | 13.8                          | 13.9              | 12.9              | 13.264                       | 10.376            | 2.361             |
| 1996  | 1794            | 1469              | 253               | 13.9                          | 14.2              | 12.2              | 13.209                       | 10.449            | 2.244             |
| 1997  | 1898            | 1572              | 267               | 14.8                          | 15.1              | 14.6              | 13.139                       | 10.504            | 2.132             |
| 1998  | 1799            | 1501              | 231               | 14.2                          | 14.4              | 12.3              | 13.035                       | 10.514            | 2.035             |
| 1999  | 1865            | 1505              | 287               | 14.8                          | 14.5              | 16.0              | 12.936                       | 10.527            | 1.938             |
| 2000  | 1964            | 1626              | 280               | 15.6                          | 15.7              | 16.1              | 12.836                       | 10.534            | 1.842             |
| 2001  | 1825            | 1535              | 234               | 14.7                          | 14.9              | 14.1              | 12.698                       | 10.506            | 1.743             |
| 2002  | 1819            | 1515              | 234               | 14.9                          | 14.8              | 14.7              | 12.517                       | 10.436            | 1.643             |
| 2003  | 1757            | 1497              | 209               | 14.6                          | 14.9              | 13.7              | 12.288                       | 10.311            | 1.549             |
| 2004  | 1838            | 1539              | 232               | 15.6                          | 15.6              | 15.9              | 12.042                       | 10.155            | 1.470             |
| 2005  | 1768            | 1486              | 220               | 15.4 +                        | 15.4 +            | 15.6 +            | 11.784 +                     | 9.969 +           | 1.403 +           |
| Total | 39448           | 34223             | 3935              |                               |                   |                   |                              |                   |                   |

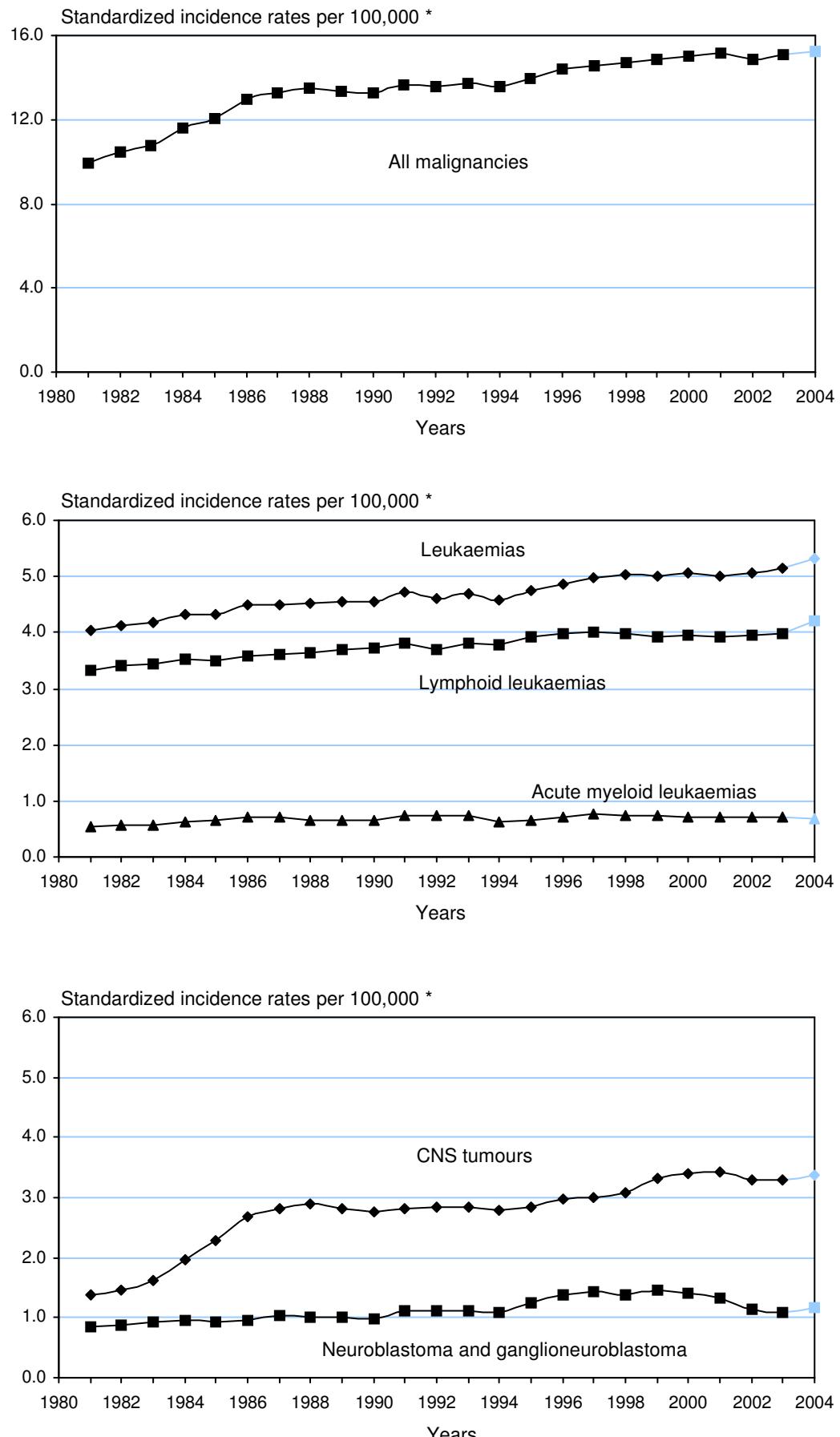
\* Standard: West Germany in 1987 (census)

# Without Berlin. As of 2001 it is no longer possible to segregate the Berlin population data into East- and West Berlin.

+ preliminary

**Abbildung 4a-4c:** Altersstandardisierte Inzidenzen für alle Malignome, Leukämien, ZNS-Tumoren und Neuroblastome der Patienten unter 15 Jahren in Westdeutschland ohne Berlin nach dem Jahr der Diagnosestellung. Geglättete Darstellung (gleitendes 3-Jahremittel)

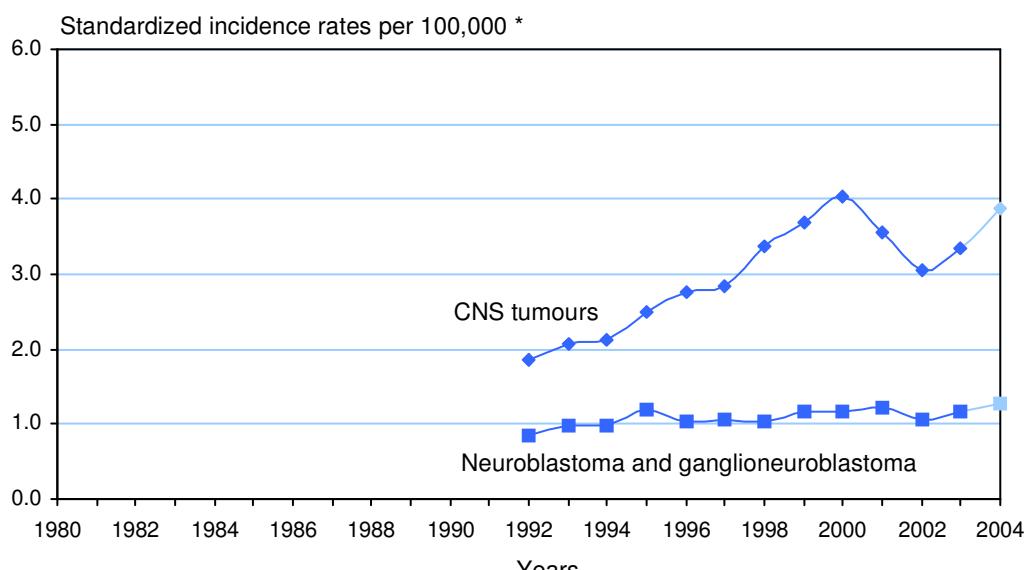
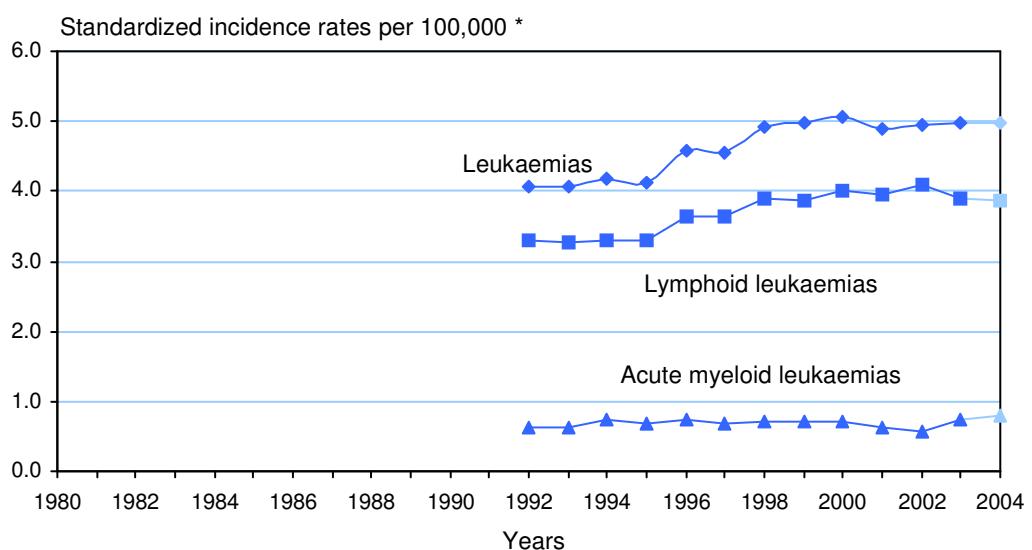
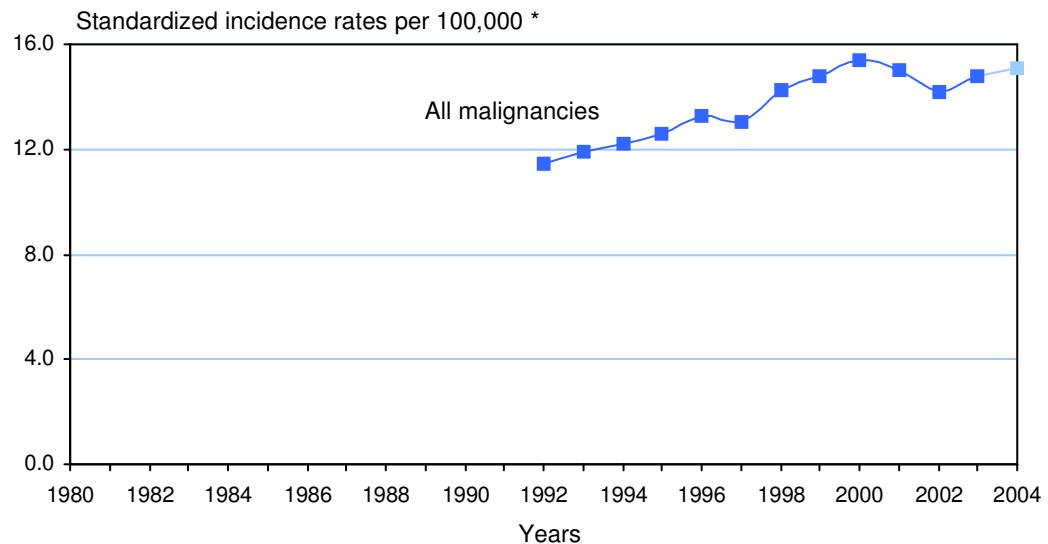
**Age-standardized incidence rates for all malignancies, leukaemias, CNS tumours, and neuroblastomas of patients under 15 in West Germany without Berlin by year of diagnosis. Smoothed presentation (3-year moving average)**



\* Standard: West Germany in 1987 (census)

**Abbildung 5a-5c:** Altersstandardisierte Inzidenzen für alle Malignome, Leukämien, ZNS-Tumoren und Neuroblastome der Patienten unter 15 Jahren in Ostdeutschland ohne Berlin nach dem Jahr der Diagnosestellung. Geglättete Darstellung (gleitendes 3-Jahremittel)

Age-standardized incidence rates for all malignancies, leukaemias, CNS tumours, and neuroblastomas of patients under 15 in East Germany without Berlin by year of diagnosis. Smoothed presentation (3-year moving average)



\* Standard: West Germany in 1987 (census)

**Tabelle 6: Altersstandardisierte\* Inzidenzen (pro100.000), standardisierte Inzidenzverhältnisse (SIR) und 95%-Konfidenzintervalle (CI) regional gegliedert für alle Malignome der Patienten unter 15 Jahren und ausgewählte Diagnosen auf Basis des ICCC-3 (1996-2005)**  
**Age-standardized\* incidence rates (per 100,000), standardized incidence ratios (SIR) and 95%-confidence intervals (CI) for all malignancies of patients under 15 and selected diagnoses by states based on ICCC-3 and counties (1996-2005)**

| Bundesländer und Regierungsbezirke<br>States and counties | All malignancies |                |      |           | Leukaemias     |      |           | CNS tumours    |      |           | Neuroblastomas |      |                        |
|-----------------------------------------------------------|------------------|----------------|------|-----------|----------------|------|-----------|----------------|------|-----------|----------------|------|------------------------|
|                                                           | No. of cases     | Incidence rate | SIR  | 95%-CI                 |
| Schleswig-Holstein                                        | 632              | 14.6           | 0.98 | 0.91-1.06 | 4.8            | 0.96 | 0.83-1.10 | 3.3            | 1.02 | 0.86-1.20 | 1.3            | 1.01 | 0.76-1.32 <sup>#</sup> |
| Hamburg                                                   | 318              | 13.8           | 0.93 | 0.83-1.04 | 4.4            | 0.86 | 0.70-1.05 | 2.6            | 0.81 | 0.62-1.04 | 1.6            | 1.27 | 0.89-1.74 <sup>#</sup> |
| Niedersachsen                                             | 1831             | 14.4           | 0.97 | 0.93-1.02 | 5.2            | 1.03 | 0.96-1.11 | 2.8            | 0.87 | 0.78-0.96 | 1.3            | 1.04 | 0.89-1.22 <sup>#</sup> |
| Braunschweig                                              | 348              | 14.2           | 0.96 | 0.86-1.06 | 4.8            | 0.95 | 0.79-1.14 | 2.8            | 0.87 | 0.68-1.10 | 1.5            | 1.13 | 0.78-1.58              |
| Hannover                                                  | 460              | 14.4           | 0.97 | 0.88-1.06 | 5.5            | 1.09 | 0.93-1.26 | 2.7            | 0.82 | 0.66-1.01 | 1.1            | 0.87 | 0.60-1.22              |
| Lüneburg                                                  | 373              | 13.7           | 0.92 | 0.83-1.01 | 4.6            | 0.90 | 0.75-1.07 | 2.5            | 0.77 | 0.60-0.97 | 1.6            | 1.19 | 0.85-1.63              |
| Weser-Ems                                                 | 650              | 15.4           | 1.04 | 0.96-1.12 | 5.8            | 1.15 | 1.01-1.30 | 3.2            | 0.99 | 0.83-1.17 | 1.4            | 1.06 | 0.80-1.39              |
| Bremen                                                    | 131              | 14.5           | 0.98 | 0.82-1.16 | 4.1            | 0.81 | 0.57-1.12 | 4.0            | 1.21 | 0.85-1.68 | 1.1            | 0.88 | 0.42-1.62 <sup>#</sup> |
| Nordrhein-Westfalen                                       | 4420             | 15.6           | 1.05 | 1.02-1.08 | 5.4            | 1.06 | 1.01-1.12 | 3.4            | 1.06 | 1.00-1.13 | 1.2            | 0.94 | 0.84-1.05 <sup>#</sup> |
| Düsseldorf                                                | 1177             | 15.1           | 1.02 | 0.96-1.08 | 5.4            | 1.07 | 0.97-1.18 | 2.8            | 0.88 | 0.77-1.00 | 1.4            | 1.06 | 0.86-1.29              |
| Köln                                                      | 1109             | 16.6           | 1.12 | 1.06-1.19 | 5.8            | 1.14 | 1.03-1.26 | 3.9            | 1.21 | 1.07-1.37 | 1.2            | 0.91 | 0.72-1.15              |
| Münster                                                   | 701              | 16.1           | 1.09 | 1.01-1.17 | 5.8            | 1.16 | 1.02-1.31 | 3.5            | 1.07 | 0.90-1.25 | 1.1            | 0.83 | 0.60-1.12              |
| Detmold                                                   | 581              | 16.9           | 1.13 | 1.04-1.23 | 5.5            | 1.07 | 0.92-1.23 | 4.0            | 1.26 | 1.06-1.49 | 1.5            | 1.13 | 0.83-1.50              |
| Arnsberg                                                  | 851              | 14.6           | 0.98 | 0.92-1.05 | 4.8            | 0.94 | 0.83-1.06 | 3.4            | 1.06 | 0.92-1.21 | 1.1            | 0.84 | 0.64-1.09              |
| Hessen                                                    | 1395             | 15.2           | 1.03 | 0.97-1.08 | 5.1            | 1.00 | 0.91-1.10 | 3.3            | 1.02 | 0.90-1.14 | 1.5            | 1.13 | 0.95-1.35              |
| Darmstadt                                                 | 874              | 15.8           | 1.07 | 1.00-1.14 | 5.3            | 1.06 | 0.94-1.18 | 3.3            | 1.02 | 0.88-1.18 | 1.6            | 1.24 | 0.99-1.53              |
| Gießen                                                    | 261              | 15.6           | 1.06 | 0.93-1.19 | 5.4            | 1.07 | 0.86-1.32 | 3.5            | 1.07 | 0.82-1.38 | 1.2            | 0.96 | 0.58-1.50              |
| Kassel                                                    | 260              | 13.5           | 0.90 | 0.80-1.02 | 4.2            | 0.82 | 0.65-1.02 | 3.1            | 0.96 | 0.73-1.23 | 1.3            | 1.01 | 0.64-1.51              |
| Rheinland-Pfalz                                           | 965              | 15.2           | 1.03 | 0.97-1.10 | 4.9            | 0.97 | 0.87-1.09 | 3.6            | 1.10 | 0.96-1.25 | 1.3            | 0.99 | 0.78-1.24              |
| Koblenz                                                   | 381              | 15.8           | 1.07 | 0.96-1.18 | 6.0            | 1.17 | 0.99-1.38 | 3.5            | 1.08 | 0.86-1.33 | 1.2            | 0.93 | 0.61-1.36              |
| Trier                                                     | 111              | 13.8           | 0.94 | 0.77-1.13 | 4.2            | 0.82 | 0.56-1.15 | 2.5            | 0.76 | 0.46-1.17 | 1.8            | 1.38 | 0.74-2.36              |
| Rheinhessen-Pfalz                                         | 473              | 15.4           | 1.04 | 0.95-1.14 | 4.4            | 0.88 | 0.74-1.04 | 4.0            | 1.23 | 1.02-1.47 | 1.3            | 0.96 | 0.67-1.34              |

Tabelle 6 Forts.

Table 6 cont.

| Bundesländer und Regierungsbezirke<br>States and counties | All malignancies |                |      |           | Leukaemias     |      |           | CNS tumours    |      |           | Neuroblastomas |      |                        |
|-----------------------------------------------------------|------------------|----------------|------|-----------|----------------|------|-----------|----------------|------|-----------|----------------|------|------------------------|
|                                                           | No. of cases     | Incidence rate | SIR  | 95%-CI                 |
| Baden-Württemberg                                         | 2561             | 15.0           | 1.01 | 0.97-1.05 | 4.9            | 0.97 | 0.91-1.04 | 3.2            | 0.98 | 0.90-1.07 | 1.5            | 1.17 | 1.03-1.32 <sup>#</sup> |
| Stuttgart                                                 | 960              | 15.1           | 1.02 | 0.95-1.08 | 5.2            | 1.02 | 0.91-1.13 | 3.4            | 1.03 | 0.90-1.18 | 1.4            | 1.04 | 0.83-1.29              |
| Karlsruhe                                                 | 639              | 15.6           | 1.05 | 0.97-1.13 | 4.7            | 0.92 | 0.79-1.06 | 3.4            | 1.05 | 0.89-1.24 | 1.8            | 1.38 | 1.08-1.75              |
| Freiburg                                                  | 485              | 13.9           | 0.94 | 0.86-1.02 | 4.9            | 0.96 | 0.82-1.12 | 2.8            | 0.87 | 0.71-1.06 | 1.3            | 1.01 | 0.72-1.36              |
| Tübingen                                                  | 476              | 15.9           | 1.06 | 0.97-1.16 | 5.1            | 1.01 | 0.85-1.18 | 3.2            | 0.96 | 0.78-1.17 | 1.8            | 1.41 | 1.05-1.85              |
| Bayern                                                    | 2746             | 14.1           | 0.95 | 0.92-0.99 | 4.9            | 0.97 | 0.91-1.03 | 3.1            | 0.94 | 0.87-1.02 | 1.2            | 0.91 | 0.80-1.04              |
| Oberbayern                                                | 854              | 14.5           | 0.98 | 0.91-1.05 | 5.7            | 1.12 | 1.00-1.25 | 2.5            | 0.78 | 0.66-0.91 | 1.3            | 1.01 | 0.79-1.26              |
| Niederbayern                                              | 268              | 14.1           | 0.95 | 0.84-1.07 | 4.6            | 0.90 | 0.72-1.11 | 3.6            | 1.10 | 0.85-1.39 | 0.8            | 0.65 | 0.37-1.08              |
| Oberpfalz                                                 | 257              | 15.1           | 1.01 | 0.89-1.15 | 4.6            | 0.92 | 0.73-1.14 | 4.1            | 1.24 | 0.96-1.57 | 1.2            | 0.94 | 0.57-1.46              |
| Oberfranken                                               | 245              | 14.6           | 0.99 | 0.87-1.12 | 5.0            | 1.01 | 0.81-1.25 | 3.2            | 0.98 | 0.74-1.28 | 1.6            | 1.25 | 0.81-1.85              |
| Mittelfranken                                             | 350              | 14.7           | 0.99 | 0.89-1.10 | 4.8            | 0.94 | 0.78-1.14 | 2.9            | 0.89 | 0.70-1.13 | 1.5            | 1.16 | 0.80-1.63              |
| Unterfranken                                              | 307              | 14.5           | 0.98 | 0.88-1.10 | 5.3            | 1.05 | 0.86-1.26 | 3.8            | 1.17 | 0.93-1.45 | 0.9            | 0.68 | 0.40-1.09              |
| Schwaben                                                  | 464              | 16.3           | 1.10 | 1.01-1.21 | 5.2            | 1.02 | 0.86-1.20 | 3.8            | 1.16 | 0.95-1.40 | 1.2            | 0.90 | 0.61-1.27              |
| Saarland                                                  | 238              | 15.6           | 1.06 | 0.93-1.20 | 5.7            | 1.12 | 0.90-1.39 | 4.2            | 1.29 | 1.00-1.65 | 1.2            | 0.92 | 0.52-1.49              |
| Berlin                                                    | 634              | 14.1           | 0.95 | 0.88-1.03 | 5.1            | 1.01 | 0.88-1.15 | 2.4            | 0.73 | 0.60-0.88 | 1.2            | 0.90 | 0.66-1.18              |
| Brandenburg                                               | 479              | 14.8           | 0.99 | 0.91-1.09 | 5.6            | 1.11 | 0.95-1.28 | 3.0            | 0.90 | 0.73-1.10 | 1.1            | 0.86 | 0.58-1.23              |
| Mecklenburg-Vorpommern                                    | 325              | 14.2           | 0.96 | 0.85-1.07 | 4.3            | 0.86 | 0.70-1.06 | 3.8            | 1.15 | 0.92-1.42 | 1.3            | 0.98 | 0.62-1.47              |
| Sachsen                                                   | 741              | 14.1           | 0.95 | 0.88-1.02 | 4.4            | 0.87 | 0.76-0.99 | 3.9            | 1.19 | 1.03-1.36 | 1.0            | 0.80 | 0.58-1.06              |
| Chemnitz                                                  | 261              | 13.9           | 0.96 | 0.85-1.08 | 4.2            | 0.86 | 0.68-1.07 | 3.4            | 1.06 | 0.81-1.35 | 1.1            | 0.80 | 0.45-1.29              |
| Dresden                                                   | 295              | 14.5           | 0.97 | 0.86-1.09 | 3.8            | 0.75 | 0.59-0.94 | 4.5            | 1.39 | 1.12-1.70 | 1.3            | 1.01 | 0.64-1.52              |
| Leipzig                                                   | 185              | 15.2           | 1.00 | 0.86-1.15 | 5.9            | 1.16 | 0.90-1.46 | 3.9            | 1.16 | 0.86-1.54 | 0.7            | 0.50 | 0.20-1.04              |
| Sachsen-Anhalt                                            | 491              | 15.4           | 1.05 | 0.95-1.14 | 5.0            | 0.99 | 0.84-1.16 | 3.8            | 1.17 | 0.97-1.39 | 1.4            | 1.11 | 0.78-1.53              |
| Dessau                                                    | 104              | 17.0           | 1.15 | 0.94-1.39 | 4.0            | 0.77 | 0.49-1.16 | 5.7            | 1.82 | 1.28-2.51 | 1.9            | 1.55 | 0.74-2.85              |
| Halle                                                     | 161              | 16.5           | 1.14 | 0.97-1.33 | 5.5            | 1.10 | 0.82-1.45 | 4.6            | 1.43 | 1.04-1.91 | 1.6            | 1.28 | 0.68-2.19              |
| Magdeburg                                                 | 226              | 15.9           | 1.07 | 0.94-1.22 | 5.9            | 1.14 | 0.90-1.42 | 2.9            | 0.87 | 0.62-1.18 | 1.2            | 0.93 | 0.51-1.56              |
| Thüringen                                                 | 419              | 14.1           | 0.95 | 0.86-1.05 | 5.1            | 1.02 | 0.87-1.20 | 3.0            | 0.94 | 0.76-1.16 | 1.2            | 0.91 | 0.61-1.31              |

Mit den Jahren 2000, 2004 und 2005 wurden in Rheinland-Pfalz, Sachsen-Anhalt und Niedersachsen die Regierungsbezirke abgeschafft. Die neu geschaffenen Direktionen behalten jedoch die räumliche Einteilung bei. / Since 2000, 2004 and 2005 Rhineland-Palatinate, Saxony-Anhalt and Lower Saxony are no longer separated into Regierungsbezirke. The new Direktionen-structure, however, follows the same borders.

\* Standard: Westdeutschland 1987 (Volkszählung) / Standard: West Germany in 1987 (census)

# Inzidenz möglicherweise aufgrund einer Screeningmaßnahme in den Jahren 1995-2001 tendenziell erhöht. / Incidence may be above average due to a screening project in 1995-2001.

**Tabelle 7:** 3-, 5-, 10- und 15-Jahre-Überlebenswahrscheinlichkeiten und 95%-Konfidenzintervalle für ausgewählte Diagnosen auf Basis des ICCC-3 in 5-Jahres-Abschnitten (1980-2004) der Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung.  
 (Die nicht hinterlegten Werte sind konventionell geschätzt, die hinterlegten sind Hochrechnungen (siehe Text).)  
**3-, 5-, 10- and 15-year survival probabilities and 95%-confidence intervals for selected diagnoses based on ICCC-3 in 5-year-periods (1980-2004) of patients under 15 in Germany.**  
 (The values on a clear background are estimated conventionally, those on a background are projections (see text).)

| Diagnoses                              | Year of diagnosis | Number of cases | Survival probabilities and 95%-confidence intervals |            |            |            |
|----------------------------------------|-------------------|-----------------|-----------------------------------------------------|------------|------------|------------|
|                                        |                   |                 | 3-year                                              | 5-year     | 10-year    | 15-year    |
| All malignancies                       | 1980-1984         | 5140            | 71(70-73)%                                          | 67(66-69)% | 64(62-65)% | 62(61-64)% |
|                                        | 1985-1989         | 5944            | 77(76-78)%                                          | 73(72-74)% | 69(68-71)% | 68(66-69)% |
|                                        | 1990-1994         | 8239            | 79(78-80)%                                          | 76(75-77)% | 73(72-74)% | 71(70-72)% |
|                                        | 1995-1999         | 9154            | 84(83-84)%                                          | 80(80-81)% | 77(76-78)% | 75(74-76)% |
|                                        | 2000-2004         | 9203            | 84(83-85)%                                          | 81(80-82)% | 78(77-79)% | 76(75-77)% |
| Leukaemias                             | 1980-1984         | 2000            | 74(72-76)%                                          | 69(67-71)% | 64(62-67)% | 63(61-65)% |
|                                        | 1985-1989         | 2028            | 76(75-78)%                                          | 71(69-73)% | 68(65-70)% | 66(64-68)% |
|                                        | 1990-1994         | 2825            | 80(79-82)%                                          | 77(76-79)% | 75(73-76)% | 73(71-74)% |
|                                        | 1995-1999         | 3126            | 84(83-86)%                                          | 81(80-83)% | 79(78-81)% | 77(75-79)% |
|                                        | 2000-2004         | 3081            | 87(86-89)%                                          | 84(83-86)% | 82(81-83)% | 80(78-82)% |
| Lymphoid leukaemias                    | 1980-1984         | 1627            | 81(79-83)%                                          | 76(74-78)% | 71(69-73)% | 70(67-72)% |
|                                        | 1985-1989         | 1623            | 84(82-85)%                                          | 78(76-80)% | 74(72-76)% | 73(70-75)% |
|                                        | 1990-1994         | 2298            | 87(86-89)%                                          | 85(83-86)% | 81(80-83)% | 79(78-81)% |
|                                        | 1995-1999         | 2512            | 90(89-91)%                                          | 87(86-88)% | 85(83-86)% | 83(81-84)% |
|                                        | 2000-2004         | 2416            | 92(91-93)%                                          | 89(88-90)% | 87(85-88)% | 85(83-86)% |
| Acute myeloid leukaemias               | 1980-1984         | 292             | 43(37-49)%                                          | 39(33-44)% | 36(31-42)% | 36(30-41)% |
|                                        | 1985-1989         | 312             | 46(41-52)%                                          | 43(38-49)% | 42(36-47)% | 40(34-46)% |
|                                        | 1990-1994         | 430             | 49(44-54)%                                          | 46(41-51)% | 45(40-50)% | 43(38-48)% |
|                                        | 1995-1999         | 452             | 61(57-66)%                                          | 58(53-63)% | 56(51-61)% | 54(49-59)% |
|                                        | 2000-2004         | 432             | 68(63-72)%                                          | 63(58-68)% | 61(56-66)% | 58(53-64)% |
| Lymphomas                              | 1980-1984         | 687             | 82(79-85)%                                          | 80(77-83)% | 79(75-82)% | 78(74-81)% |
|                                        | 1985-1989         | 639             | 87(85-90)%                                          | 86(83-88)% | 85(82-88)% | 84(81-87)% |
|                                        | 1990-1994         | 1064            | 92(90-94)%                                          | 91(90-93)% | 90(88-92)% | 89(87-91)% |
|                                        | 1995-1999         | 1114            | 91(90-93)%                                          | 91(89-92)% | 90(88-91)% | 88(86-91)% |
|                                        | 2000-2004         | 1103            | 93(92-95)%                                          | 92(90-94)% | 91(89-93)% | 90(88-92)% |
| CNS tumours                            | 1980-1984         | 748             | 60(57-64)%                                          | 55(51-59)% | 50(46-54)% | 46(42-50)% |
|                                        | 1985-1989         | 1239            | 72(69-75)%                                          | 68(66-71)% | 63(60-66)% | 60(56-63)% |
|                                        | 1990-1994         | 1632            | 72(69-74)%                                          | 68(66-70)% | 63(60-65)% | 60(57-63)% |
|                                        | 1995-1999         | 1955            | 74(72-76)%                                          | 70(68-72)% | 63(60-66)% | 60(57-63)% |
|                                        | 2000-2004         | 2069            | 75(72-77)%                                          | 72(69-74)% | 65(62-67)% | 61(58-64)% |
| Neuroblastoma and ganglioneuroblastoma | 1980-1984         | 398             | 56(51-61)%                                          | 52(47-57)% | 50(45-55)% | 50(45-55)% |
|                                        | 1985-1989         | 441             | 64(59-68)%                                          | 60(55-64)% | 59(54-63)% | 57(52-61)% |
|                                        | 1990-1994         | 640             | 66(63-70)%                                          | 63(59-67)% | 60(56-64)% | 59(55-63)% |
|                                        | 1995-1999         | 791             | 84(82-87)%                                          | 80(77-83)% | 77(74-80)% | 75(72-79)% |
|                                        | 2000-2004         | 678             | 81(78-84)%                                          | 77(74-80)% | 74(70-77)% | 72(69-76)% |

**Tabelle 8:** 3-, 5-, 10- und 15-Jahre-Überlebenswahrscheinlichkeit und Wahrscheinlichkeit rezidivfreien Überlebens (Sterbetafelverfahren, siehe Text) für die häufigsten Diagnosen auf Basis des ICCC-3 der Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung (1980-2005)  
 3-, 5-, 10- und 15-year survival probabilities and event-free survival probabilities (life table method, see text) for the most common diagnoses based on ICCC-3 of patients aged under 15 in Germany (1980-2005)

| Diagnoses                                      | Number<br>of cases * | Probabilities       |    |     |         |          |    |     |         |
|------------------------------------------------|----------------------|---------------------|----|-----|---------|----------|----|-----|---------|
|                                                |                      | event-free survival |    |     |         | survival |    |     |         |
|                                                |                      | 3-                  | 5- | 10- | 15-year | 3-       | 5- | 10- | 15-year |
| Retinoblastoma                                 | 495                  | -                   | -  | -   | -       | 96       | 94 | 92  | 91      |
| Hodgkin lymphomas                              | 1938                 | 89                  | 88 | 86  | 84      | 97       | 96 | 94  | 93      |
| Germ cell tumours                              | 1132                 | 82                  | 79 | 78  | 76      | 90       | 89 | 87  | 85      |
| Nephroblastoma                                 | 2193                 | 82                  | 81 | 80  | 80      | 88       | 87 | 86  | 85      |
| Non-Hodgkin lymphomas                          | 2189                 | 81                  | 79 | 78  | 77      | 85       | 84 | 83  | 81      |
| Lymphoid leukaemias                            | 10917                | 80                  | 75 | 72  | 71      | 87       | 83 | 79  | 78      |
| Astrocytomas                                   | 3036                 | 73                  | 70 | 64  | 60      | 78       | 76 | 72  | 67      |
| Ewing tumor and related sarcomas of bone       | 794                  | 63                  | 58 | 55  | 54      | 71       | 65 | 60  | 59      |
| Neuroblastoma and ganglioneuroblastoma         | 3076                 | 62                  | 59 | 58  | 57      | 72       | 68 | 65  | 64      |
| Rhabdomyosarcomas                              | 1271                 | 60                  | 58 | 56  | 55      | 73       | 67 | 64  | 63      |
| Osteosarcomas                                  | 924                  | 60                  | 56 | 53  | 52      | 76       | 68 | 63  | 62      |
| Intracranial and intraspinal embryonal tumours | 1692                 | 52                  | 48 | 42  | 39      | 61       | 55 | 46  | 42      |
| Acute myeloid leukaemias                       | 1968                 | 46                  | 44 | 42  | 41      | 54       | 50 | 48  | 47      |
| All malignancies                               | 36671                | 72                  | 68 | 65  | 64      | 79       | 76 | 72  | 70      |

\* with follow up available

- insufficient data

**Tabelle 9:** Anzahl der gemeldeten Todesfälle innerhalb von 5 Jahren nach Diagnose aus der Gruppe der 1991-2000 gemeldeten Fälle unter 15 Jahren aus der deutschen Wohnbevölkerung, altersstandardisierte und kumulative Mortalität (pro 100.000 Kinder in den Jahren 1991-2000) nach ICCC-3-Diagnosegruppen

Number of registered deaths 5 years after diagnosis from the group of cases aged under 15 in Germany registered 1991-2000, age standardized and cumulative mortality (per 100,000 children in the years 1991-2000) by diagnostic groups defined by ICCC-3

| Diagnoses                       | Number of deaths |              | Mortality rates |            |
|---------------------------------|------------------|--------------|-----------------|------------|
|                                 | Absolute         | Relative (%) | Age-standard.   | Cumulative |
| Leukaemias                      | 1208             | 33.4         | 0.9             | 13.9       |
| Lymphomas                       | 202              | 5.6          | 0.2             | 2.3        |
| CNS tumours                     | 955              | 26.4         | 0.7             | 11.0       |
| Peripheral nervous cell tumours | 408              | 11.3         | 0.3             | 4.8        |
| Retinoblastoma                  | 6                | 0.2          | 0.0             | 0.1        |
| Renal tumours                   | 118              | 3.3          | 0.1             | 1.4        |
| Hepatic tumours                 | 41               | 1.1          | 0.0             | 0.5        |
| Bone tumours                    | 233              | 6.5          | 0.2             | 2.6        |
| Soft tissue sarcomas            | 340              | 9.4          | 0.3             | 3.9        |
| Germ cell tumours               | 54               | 1.5          | 0.0             | 0.6        |
| Carcinomas                      | 41               | 1.1          | 0.0             | 0.5        |
| Others and unspecified          | 6                | 0.2          | 0.0             | 0.1        |
| All malignancies                | 3612             | 100.0        | 2.8             | 41.7       |

**Tabelle 10: Anzahl der verstorbenen Patienten innerhalb von 5 bzw. 10 Jahren nach Diagnose auf Basis des ICCC-3 unter den gemeldeten Patienten unter 15 Jahren aus der deutschen Wohnbevölkerung und alterstandardisierte Mortalitätsraten nach Diagnosejahr, 1980-2000 (inklusive neue Länder seit 1991)**

**Annual number of deaths 5 or 10 years from diagnosis based on ICCC-3 from the group of registered cases aged under 15 in Germany and age standardized mortality rates by year of diagnosis 1980-2000 (including East Germany since 1991)**

| Year of diagnosis | Deaths within 5 years after diagnosis |                              | Deaths within 10 years after diagnosis |                              |
|-------------------|---------------------------------------|------------------------------|----------------------------------------|------------------------------|
|                   | No. of cases                          | Mortality rates per 100,000* | No. of cases                           | Mortality rates per 100,000* |
| 1980              | 346                                   | 3.3                          | 373                                    | 3.6                          |
| 1981              | 344                                   | 3.3                          | 380                                    | 3.6                          |
| 1982              | 313                                   | 3.2                          | 347                                    | 3.5                          |
| 1983              | 318                                   | 3.3                          | 356                                    | 3.7                          |
| 1984              | 325                                   | 3.5                          | 355                                    | 3.8                          |
| 1985              | 321                                   | 3.5                          | 362                                    | 3.9                          |
| 1986              | 319                                   | 3.5                          | 354                                    | 3.9                          |
| 1987              | 323                                   | 3.6                          | 348                                    | 3.9                          |
| 1988              | 315                                   | 3.5                          | 348                                    | 3.9                          |
| 1989              | 293                                   | 3.1                          | 324                                    | 3.5                          |
| 1990              | 327                                   | 3.4                          | 357                                    | 3.7                          |
| 1991 #            | 397                                   | 3.0                          | 441                                    | 3.4                          |
| 1992 #            | 430                                   | 3.3                          | 466                                    | 3.5                          |
| 1993 #            | 377                                   | 2.9                          | 421                                    | 3.2                          |
| 1994 #            | 363                                   | 2.8                          | 396                                    | 3.0                          |
| 1995 #            | 326                                   | 2.5                          | 370                                    | 2.8                          |
| 1996 #            | 338                                   | 2.6                          |                                        |                              |
| 1997 #            | 357                                   | 2.8                          |                                        |                              |
| 1998 #            | 331                                   | 2.6                          |                                        |                              |
| 1999 #            | 337                                   | 2.6                          |                                        |                              |
| 2000 #            | 356                                   | 2.8                          |                                        |                              |

\* Standard: West Germany in 1987 (census)

# Including East Germany since 1991