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## Child Health

 statistics

Child Health statistics

## national <br> 4 STATISTICS

# Child Health statistics 

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The Office for National Statistics (ONS) is the government agency responsible for compiling, analysing and disseminating many of the United Kingdom's economic, social and demographic statistics, including the retail prices index, trade figures and labour market data, as well as the periodic census of the population and health statistics. The Director of ONS is also the National Statistician and the Registrar General for England and Wales, and the agency administers the statutory registration of births, marriages and deaths there.

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## contents

Population
Child population of Great Britain ..... 2
Child population of Great Britain by ethnic group ..... 3
Popular first names ..... 4
Birth and fertility
Fertility ..... 5
Birthw eight ..... 7
Multiple births ..... 8
Social aspects
M arriages ..... 9
Divorces ..... 10
One parent families ..... 12
Households ..... 13
Abortions ..... 13
Health
Breastfeeding ..... 14
Congenital anomalies ..... 16
Immunisation ..... 17
Consultations ..... 18
Cancer ..... 19
Smoking ..... 21
Teenage pregnancies ..... 22
Mortality
Deaths ..... 23
Accidents ..... 24
Sudden infant death syndrome ..... 25
contact points ..... 26

## Population

## Child population by age and sex, Great Britain, 1961-1998

| Thousands |  | 0-4 | 5-9 | 10-14 | 15-19 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Boys | 1961 | 2119 | 1888 | 2116 | 1836 |
|  | 1971 | 2255 | 2319 | 2105 | 1911 |
|  | 1981 | 1705 | 1820 | 2219 | 2348 |
|  | 1991 | 1927 | 1821 | 1734 | 1859 |
|  | 1996 | 1865 | 1934 | 1827 | 1746 |
|  | 1997 | 1841 | 1949 | 1847 | 1784 |
|  | 1998 | 1820 | 1938 | 1879 | 1819 |
| Girls | 1961 | 2008 | 1798 | 2018 | 1791 |
|  | 1971 | 2139 | 2205 | 1988 | 1826 |
|  | 1981 | 1618 | 1724 | 2103 | 2241 |
|  | 1991 | 1828 | 1722 | 1637 | 1752 |
|  | 1996 | 1773 | 1838 | 1731 | 1652 |
|  | 1997 | 1749 | 1853 | 1751 | 1690 |
|  | 1998 | 1729 | 1845 | 1782 | 1723 |

## Child population in Health Regions in England and Wales for 1998

| Thousands |  | 0-4 | 5-9 | 10-14 | 15-19 | 0-19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Boys | Northern \& Yorkshire | 158 | 215 | 213 | 208 | 794 |
|  | Trent | 128 | 173 | 168 | 161 | 629 |
|  | Anglia \& Oxford | 142 | 187 | 179 | 174 | 682 |
|  | North Thames | 196 | 239 | 219 | 218 | 872 |
|  | South Thames | 180 | 228 | 212 | 203 | 824 |
|  | South and West | 160 | 214 | 214 | 208 | 794 |
|  | West M idlands | 138 | 185 | 181 | 173 | 677 |
|  | North West | 168 | 232 | 228 | 214 | 841 |
|  | Wales | 72 | 99 | 100 | 95 | 366 |
|  |  | 0-4 | 5-9 | 10-14 | 15-19 | 0-19 |
| Girls | Northern \& Yorkshire | 150 | 205 | 202 | 196 | 754 |
|  | Trent | 121 | 163 | 159 | 151 | 594 |
|  | Anglia \& Oxford | 135 | 178 | 169 | 164 | 645 |
|  | North Thames | 186 | 229 | 207 | 208 | 829 |
|  | South Thames | 171 | 217 | 201 | 195 | 785 |
|  | South and West | 151 | 204 | 202 | 193 | 750 |
|  | West Midlands | 132 | 176 | 171 | 164 | 642 |
|  | North West | 160 | 220 | 217 | 205 | 802 |
|  | Wales | 68 | 94 | 95 | 91 | 348 |

## Child population by age and ethnic group, Great Britain, 1998/99

Thousands
Ethnic group
All ethnic groups*

White

| Age group |  |  |  |
| ---: | ---: | ---: | ---: |
| $0-4$ | $5-9$ | $10-14$ | $15-19$ |
| 3763 | 3758 | 3652 | 3527 |
|  |  |  |  |
| 3352 | 3386 | 3298 | 3213 |


| All ethnic minority groups | 409 | 371 | 354 | 313 |
| :--- | :--- | :--- | :--- | :--- |


| Black - Caribbean | 38 | 36 | 33 | 29 |
| :--- | :--- | :--- | :--- | :--- |
| Black - African | 48 | 36 | 31 | 30 |
| Black - Other (non-mixed) | 15 | 15 | 14 | 11 |
| Black - Mixed | 45 | 40 | 29 | 21 |


| Indian | 70 | 69 | 75 | 72 |
| :--- | ---: | ---: | ---: | ---: |
| Pakistani | 70 | 61 | 65 | 65 |
| Bangladeshi | 37 | 36 | 33 | 27 |
| Chinese | 5 | 6 | 10 | 14 |


| Other - Asian (non-mixed) | 16 | 14 | 11 | 9 |
| :--- | :--- | :--- | :--- | ---: |
| Other - Other (non-mixed) | 15 | 15 | 16 | 13 |
| Other - Mixed | 50 | 42 | 37 | 23 |

[^0]Source: Labour Force Survey (average of Summer 1998 to Spring 1999 quarterly results).

## Top 10 first names, England and Wales, 1964 to 1999

|  | 1964 | 1974 | 1984 | 1994 | 1998 | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Girls 1 | Susan | Sarah | Sarah | Rebecca | Chloe | Chloe |
| 2 | Julie | Claire | Laura | Lauren | Emily | Emily |
| 3 | Karen | Nicola | Gemma | Jessica | M egan | M egan |
| 4 | Jaqueline | Emma | Emma | Charlotte | Jessica | Olivia |
| 5 | Deborah | Lisa | Rebecca | Hannah | Sophie | Sophie |
| 6 | Tracey | Joanne | Claire | Sophie | Charlotte | Charlotte |
| 7 | Jane | M ichelle | Victoria | Amy | Hannah | Lauren |
| 8 | Helen | Helen | Samantha | Emily | Lauren | Jessica |
| 9 | Diane | Samantha | Rachel | Laura | Rebecca | Rebecca |
| 10 | Sharon | Karen | Amy | Emma | Lucy | Hannah |
| Boys 1 | David | Paul | Christopher | Thomas | Jack | Jack |
| 2 | Paul | M ark | James | James | Thomas | Thomas |
| 3 | Andrew | David | David | Jack | James | James |
| 4 | M ark | Andrew | Daniel | Daniel | Daniel | Joshua |
| 5 | John | Richard | M ichael | M atthew | Joshua | Daniel |
| 6 | Michael | Christopher | M atthew | Ryan | M atthew | M atthew |
| 7 | Stephen | James | Andrew | Joshua | Samuel | Samuel |
| 8 | Ian | Simon | Richard | Luke | Callum | Joseph |
| 9 | Robert | Michael | Paul | Samuel | Joseph | Callum |
| 10 | Richard | M atthew | M ark | Jordan | Jordan | William |

Source: First names Registration ONS

## Birth and fertility

## Age specific fertility rates, England and Wales, 1961-1998



Source: Birth Statistics: Series FM1

## Patterns of fertility, England and Wales, 1961-1998

Live births

|  | Total <br> fertility <br> rate* | Outside marriage <br> as a percentage of <br> total live births | Mean age <br> of mother <br> (years) |
| ---: | ---: | ---: | ---: |
| 1961 | 2.77 | 6.0 | 27.6 |
| 1966 | 2.75 | 7.9 | 26.8 |
| 1971 | 2.37 | 8.4 | 26.2 |
| 1976 | 1.71 | 9.2 | 26.4 |
| 1981 | 1.80 | 12.8 | 26.8 |
| 1986 | 1.77 | 21.4 | 27.0 |
| 1991 | 1.82 | 30.2 | 27.7 |
| 1996 | 1.73 | 35.8 | 28.6 |
| 1998 | 1.72 | 37.8 | 28.9 |

*the number of children that would be born to a woman if current patterns of fertility persisted throughout her childbearing life.

Source: Birth Statistics: Series FM1

Sole and joint registration of births, England and Wales, 1971-1998

|  | Joint registration |  |
| ---: | ---: | ---: |
| Same <br> address | Sole <br> Different <br> address |  |

As a percentage of all births outside marriage

| 1971 | 45.5 |  | 54.5 |
| :---: | :---: | :---: | :---: |
| 1981 | 58.2 |  | 41.8 |
|  | $\Gamma$ | $\bigcirc$ |  |
| 1991 | 54.6 | 19.8 | 25.6 |
| 1995 | 58.1 | 20.1 | 21.8 |
| 1996 | 58.1 | 19.9 | 21.9 |
| 1997 | 59.5 | 19.3 | 21.2 |
| 1998 | 60.9 | 18.3 | 20.8 |

Source: Birth Statistics: Series FM1

## Live births, stillbirths and infant deaths by birthweight, England and Wales, 1998

Numbers

| Birthweight <br> (grams) | Live births | Stillbirths | Early <br> neonatal | DEATHS <br> Neonatal |  | Post <br> neonatal | Infants |
| :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: |
| All | $\mathbf{6 3 5 9 0 1}$ | $\mathbf{3 4 1 7}$ | $\mathbf{1 8 3 5}$ | $\mathbf{2 4 0 1}$ | $\mathbf{1 1 5 6}$ | $\mathbf{3 5 5 7}$ |  |
| Under 1500 | 7740 | 1586 | 1160 | 1440 | 258 | 1698 |  |
| 1500-1999 | 9505 | 374 | 110 | 145 | 78 | 223 |  |
| 2000-2499 | 30265 | 391 | 119 | 159 | 151 | 310 |  |
| $2500-2999$ | 106887 | 393 | 116 | 196 | 222 | 418 |  |
| $3000-3499$ | 227978 | 343 | 140 | 221 | 264 | 485 |  |
| 3500 and over | 252706 | 271 | 131 | 175 | 181 | 356 |  |
| Not Stated | 820 | 59 | 59 | 65 | 2 | 67 |  |

Source: Childhood, infant and perinatal: Series DH3

## Live births

Percentages


## Infant deaths

Percentages


## Stillbirths

Percentages


## All maternities* by age of mother and multiplicity, England and Wales, 1998

| All | under <br> ages | $20-24$ | $25-29$ | $30-34$ | $35-39$ | $40-44$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 45 and <br> over |  |  |  |  |  |  |


| All maternities | $\mathbf{6 2 9 , 9 2 6}$ | $\mathbf{4 8 , 2 7 4}$ | $\mathbf{1 1 3 , 0 7 8}$ | $\mathbf{1 9 1 , 5 8 8}$ | $\mathbf{1 8 5 , 9 6 9}$ | $\mathbf{7 7 , 6 4 6}$ | $\mathbf{1 2 , 8 2 4}$ | $\mathbf{5 4 7}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Singleton | 620,846 | 47,971 | 112,000 | 189,131 | 182,637 | 76,019 | 12,572 | 516 |
| Twins | 8,776 | 301 | 1,063 | 2,392 | 3,197 | 1,555 | 244 | 24 |
| Triplets | 297 | 2 | 15 | 64 | 130 | 71 | 8 | 7 |
| Quads and above | 7 | 0 | 0 | 1 | 5 | 1 | 0 | 0 |

* figures include babies stillborn.

Source: Birth Statistics: Series FM 1

## Rates for births involving 3 or more babies, England and Wales, 1961-1998


*1981 data not available due to registrar's strike.

## Marrriages by sex and previous marital status, England and Wales, 1961-1998



[^1]
## Marriages by civil or religious ceremonies, England and Wales 1962-1998

| All marriages | With civil <br> ceremonies | With religious <br> ceremonies | With civil <br> ceremonies |  |
| ---: | ---: | ---: | ---: | ---: |
| 1962 | No (000's) | No (000's) | No (000's) | Percentage |
| 1971 | 348 | 103 | 245 | 30 |
| 1981 | 405 | 167 | 238 | 41 |
| 1991 | 352 | 173 | 179 | 49 |
| 1994 | 307 | 151 | 155 | 49 |
| 1995 | 291 | 152 | 139 | 52 |
| 1996 | 283 | 155 | 128 | 55 |
| 1997 | 279 | 164 | 115 | 59 |
| 1998 | 273 | 166 | 107 | 61 |
|  | 267 | 163 | 104 | 61 |

## Divorces by sex and marital status, England and Wales, 1961-1998

|  |  | DECREES MADE ABSOLUTE |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | All <br> divorces <br> No ( 000 's) | $\begin{array}{r} \text { 1st } \\ \text { marriage } \\ \text { No (000's) } \end{array}$ | 2nd or later marriage | Divorce rate* |
| Males | 1961 | 25 | 23 | 2 | 2.1 |
|  | 1971 | 74 | 69 | 5 | 5.9 |
|  | 1981 | 146 | 127 | 18 | 11.9 |
|  | 1991 | 159 | 130 | 29 | 13.5 |
|  | 1995 | 155 | 125 | 30 | 13.6 |
|  | 1996 | 157 | 126 | 31 | 13.9 |
|  | 1997 | 147 | 117 | 29 | 13.0 |
|  | 1998 | 145 | 116 | 29 | 13.0 |
| Females | 1961 | 25 | 23 | 2 | 2.1 |
|  | 1971 | 74 | 69 | 5 | 5.9 |
|  | 1981 | 146 | 128 | 18 | 11.9 |
|  | 1991 | 159 | 131 | 28 | 13.4 |
|  | 1995 | 155 | 126 | 30 | 13.5 |
|  | 1996 | 157 | 127 | 30 | 13.8 |
|  | 1997 | 147 | 118 | 28 | 13.0 |
|  | 1998 | 145 | 117 | 29 | 12.9 |

[^2]Source: Marriage and divorce statistics: Series FM2

## Numbers of divorces and children affected, moving average, England and Wales, 1957-1997



Source: Marriage and Divorce Statistics: Series FM2

Numbers of one-parent families and their dependent children, Great Britain, 1971-1996

Millions

| One-parent families | Dependent children <br> in one-parent families |  |
| :---: | :---: | ---: |
| 1971 | 0.6 | 1.0 |
| 1976 | 0.8 | 1.3 |
| 1981 | 0.9 | 1.5 |
| 1984 | 0.9 | 1.5 |
| 1986 | 1.0 | 1.6 |
| 1988 | 1.1 | 1.8 |
| 1990 | 1.2 | 2.0 |
| 1991 | 1.3 | 2.2 |
| 1992 | 1.4 | 2.3 |
| 1993 | 1.4 | 2.4 |
| 1994 | 1.5 | 2.6 |
| 1995 | 1.6 | 2.7 |
| 1996 | 1.6 | 2.8 |

Note: estimates for 1995 and 1996 are provisional.
Source: Population Trends No.91, Spring 1998

Households by family type in Great Britain 1998
Percentages


Source: Living in Britain: The General Household Survey 1998

Abortions in England and Wales 1998

|  | Number | Rate per <br> $\mathbf{1 , 0 0 0}$ women |
| ---: | ---: | ---: |
| All ages | $\mathbf{1 7 7 8 7 1}$ | $\mathbf{1 3 . 9}$ |
| Under 15 | 1103 | 3.6 |
| 15 | 2656 | 8.5 |
| $16-19$ | 33236 | 26.5 |
| $20-24$ | 45766 | 30.4 |
| $25-29$ | 40366 | 21.4 |
| $30-34$ | 30449 | 14.5 |
| $35-39$ | 18174 | 9.2 |
| $40-44$ | 5576 | 3.2 |
| $45+$ | 511 | 0.3 |
| Age not stated | 34 | - |

## Incidence of breastfeeding, United Kingdom, 1975-1995

Percentage who breastfed initially

|  | England <br> and Wales | Scotland | Northern Great Britain <br> Ireland | United <br> Kingdom |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1975 | 51 |  |  |  |  |
| 1980 | 67 | 50 | - | 65 | - |
| 1985 | 65 | 48 | - | 64 | - |
| 1990 | 64 | 50 | $3 \overline{6}$ | 63 | $6 \overline{2}$ |
| 1995 | 68 | 55 | 45 | 67 | 66 |

Source: Infant feeding survey 1995

## Incidence of breastfeeding by birth order and ethnic group, England and Wales, 1995

Percentage who breastfed initially

|  | Bangladeshi | Pakistani | Indian | White |
| ---: | ---: | ---: | ---: | ---: |
| First birth | 94 | 80 | 89 | 72 |
| second and | 88 | 74 | 77 | 54 |

subsequent births

Source: Infant feeding in Asian families (published 1997)

## Prevalence of breastfeeding at ages up to 9 months, United Kingdom, 1990 and 1995

|  | $\mathbf{1 9 9 0}$ | $\mathbf{1 9 9 5}$ |
| ---: | :---: | :---: |
| At birth | 62 | 66 |
| 1 week | 53 | 56 |
| 2 weeks | 50 | 53 |
| 6 weeks | 39 | 42 |
| 4 months | 25 | 27 |
| 6 months | 21 | 21 |
| 9 months | 11 | 14 |

Source: Infant feeding survey 1995

Incidence of breastfeeding by age which mother completed full-time education and birth order, United Kingdom, 1995


## Congenital Anomalies

## Rates of notification for babies born with selected conditions per 10,000 live and still births, England and Wales

|  | 1986 | 1988 | 1990* | 1992 | 1994 | 1996 | 1998 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All babies notified | 197.1 | 186.8 | 115.7 | 88.1 | 83.4 | 83.7 | 90.9 |
| Central nervous system | 9.6 | 7.3 | 5.1 | 4.6 | 3.8 | 3.9 | 4.2 |
| Cleft lip with or without cleft palate | 9.2 | 7.6 | 7.6 | 7.1 | 6.6 | 6.5 | 6.0 |
| Cleft palate only | 4.1 | 3.9 | 3.1 | 3.5 | 2.8 | 2.5 | 3.2 |
| Cardiovascular anomalies | 13.3 | 10.4 | 8.6 | 7.9 | 7.3 | 10.3 | 10.5 |
| Hypospadias and epispadias | 15.6 | 15.8 | 12.2 | 7.9 | 8.0 | 8.2 | 7.9 |
| Talipes | 29.3 | 29.8 | 15.4 | 11.1 | 10.7 | 9.6 | 9.7 |
| Down's syndrome | 6.7 | 6.1 | 5.9 | 5.7 | 4.7 | 5.5 | 6.2 |

* Exclusion list introduced which excluded minor anomalies from the notification system.


## Source: The National Congenital Anomaly System at ONS

## Number of babies notified with a congenital anomaly by numbers notified with specific anomaly, England and Wales, 1986-1998



## Percentage of children immunised by their second birthday, England, 1988-1989 to 1998-1999

| Year of 2nd <br> birthday | Diptheria | Tetanus | Polio | Pertussis <br> (whooping <br> cough) | Haemophilus <br> Influenzae b | Measles <br> Mumps <br> Rubella <br> (MMR)* |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| $1988-89$ | 87.2 | 87.2 | 86.7 | 75.4 | - | 80.0 |
| $1989-90$ | 88.8 | 88.8 | 88.6 | 78.5 | - | 84.0 |
| $1990-91$ | 91.6 | 91.6 | 91.5 | 84.3 | - | 87.1 |
| $1991-92$ | 93.2 | 93.2 | 93.2 | 88.1 | - | 89.9 |
| $1992-93$ | 95.1 | 95.1 | 95.1 | 91.5 | - | 91.6 |
| $1993-94$ | 95.3 | 95.3 | 95.3 | 92.6 | 75.1 | 90.8 |
| $1994-95$ | 94.8 | 94.8 | 94.8 | 92.8 | 91.5 | 91.0 |
| $1995-96$ | 95.7 | 95.7 | 95.6 | 93.7 | 94.2 | 91.9 |
| $1996-97$ | 95.7 | 95.7 | 95.7 | 94.2 | 95.1 | 91.5 |
| $1997-98$ | 95.5 | 95.6 | 95.5 | 94.2 | 95.1 | 90.8 |
| $1998-99$ | 95.2 | 95.3 | 95.2 | 94.1 | 94.9 | 88.3 |

* figures for 1988-89 and 1989-90 include children immunised only against measles, before the MMR vaccine became universally used.

Source: Statistical Bulletin: NHS Immunisation Statistics, England; 1998-99
Child Health statistics | July 2000

Average number of NHS GP consultations per person per year, Great Britain, 1972 to 1998

|  |  | 972** | 1979 | 1981 | 1983 | 1985 | 1989 | 1991 | 1993 | 1995 | 1996 | 1998 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boys | O-4 | 4 | 6 | 7 | 7 | 7 | 9 | 7 | 8 | 7 | 8 | 6 |
|  | 5-15yrs | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
|  | All males | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 |
| Girls | 0-4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 |
|  | 5-15yrs | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |
|  | All females | 4 | 5 | 4 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 5 |


|  |  | 1972** | 1975 | 1979 | 1981 | 1983 | 1985 | 1989 | 1991 | 1993 | 1995 | 1996 | 1998 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boys | 0-4 | 8 | 9 | 13 | 12 | 10 | 13 | 11 | 14 | 14 | 12 | 13 | 16 |
|  | 5-15yrs | 9 | 8 | 10 | 11 | 10 | 12 | 12 | 11 | 12 | 11 | 12 | 12 |
|  | All males | 10 | 10 | 12 | 11 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 16 |
| Girls | 0-4 | 6 | 8 | 10 | 9 | 9 | 11 | 10 | 11 | 10 | 12 | 9 | 13 |
|  | 5-15yrs | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 8 | 10 | 9 | 10 | 11 |
|  | All females | 10 | 9 | 12 | 12 | 12 | 13 | 14 | 14 | 14 | 14 | 15 | 16 |

* General Household Survey interview.
** 1972 figures relate to England and Wales

Incidence of major cancer sites for children (aged 0-14 years) by sex: England and Wales, 1971 to 1993

Boys
Rate per $100,000^{* *}$

|  | Number | $\begin{array}{r} \text { All } \\ \text { cancers* } \end{array}$ | Bone | Kidney | Retinoblastoma | Brain and spinal cord | Lymphomas | Leukaemias |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1971 | 690 | 11.7 | 0.5 | 0.7 | 0.3 | 2.1 | 1.4 | 4.4 |
| 1972 | 721 | 12.2 | 0.6 | 0.7 | 0.3 | 2.3 | 1.6 | 3.8 |
| 1976 | 694 | 12.5 | 0.5 | 0.6 | 0.3 | 1.6 | 1.7 | 4.8 |
| 1981 | 590 | 11.8 | 0.7 | 0.6 | 0.3 | 2.2 | 1.8 | 4.1 |
| 1986 | 566 | 11.8 | 0.4 | 0.5 | 0.2 | 2.2 | 1.9 | 4.0 |
| 1988 | 655 | 13.7 | 0.8 | 0.7 | 0.3 | 2.6 | 1.6 | 4.5 |
| 1989 | 625 | 12.9 | 0.6 | 0.7 | 0.3 | 2.4 | 1.5 | 4.8 |
| 1990 | 708 | 14.5 | 0.6 | 0.9 | 0.2 | 2.8 | 2.1 | 4.9 |
| 1991 | 672 | 13.5 | 0.5 | 0.8 | 0.3 | 2.4 | 1.5 | 5.1 |
| 1992 | 667 | 13.3 | 0.5 | 0.7 | 0.3 | 2.5 | 2.0 | 4.5 |
| 1993 | 728 | 14.4 | 0.5 | 0.8 | 0.4 | 2.4 | 1.8 | 4.8 |

## Girls

|  | Number | $\begin{array}{r} \text { All } \\ \text { cancers* } \end{array}$ | Bone | Kidney | Retinoblastoma | Brain and spinal cord | Lymphomas | Leukaemias |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1971 | 495 | 8.8 | 0.4 | 0.8 | 0.2 | 1.8 | 0.8 | 2.8 |
| 1976 | 551 | 10.6 | 0.5 | 1.0 | 0.6 | 1.9 | 0.9 | 3.5 |
| 1981 | 485 | 10.2 | 0.8 | 0.6 | 0.2 | 1.6 | 0.9 | 3.5 |
| 1986 | 456 | 10.1 | 0.7 | 0.8 | 0.3 | 2.0 | 0.7 | 3.3 |
| 1988 | 541 | 11.9 | 0.6 | 1.0 | 0.3 | 2.0 | 0.9 | 3.6 |
| 1989 | 512 | 11.2 | 0.7 | 0.6 | 0.1 | 2.2 | 0.7 | 4.0 |
| 1990 | 545 | 11.8 | 0.5 | 0.8 | 0.2 | 2.4 | 0.8 | 4.4 |
| 1991 | 518 | 11.0 | 0.5 | 0.9 | 0.4 | 2.2 | 0.8 | 3.6 |
| 1992 | 474 | 10.0 | 0.4 | 0.5 | 0.4 | 2.5 | 0.9 | 3.3 |
| 1993 | 562 | 11.8 | 0.6 | 0.6 | 0.4 | 2.7 | 0.6 | 3.9 |

[^3]
## Incidence of major cancer sites for boys aged 0-14 years, England and Wales, 1971-1993



## Incidence of major cancer sites for girls aged 0-14 years, England and Wales, 1971-1993



## Smoking behaviour by age among secondary school children by sex and age, England, 1998

All pupils (percentages)

|  | 11 years | 12 years | 13 years | 14 years | 15 years | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Boys |  |  |  |  |  |  |
| Regular smoker | 1 | 3 | 5 | 15 | 19 | 9 |
| Occasional smoker | 3 | 7 | 8 | 8 | 11 | 8 |
| Used to smoke |  | 5 | 12 | 11 | 15 | 9 |
| Tried smoking | 16 | 18 | 21 | 23 | 21 | 20 |
| Never smoked | 78 | 67 | 54 | 42 | 34 | 54 |
| Girls |  |  |  |  |  |  |
| Regular smoker | 1 | 3 | 9 | 19 | 29 | 12 |
| Occasional smoker | 3 | 6 | 9 | 13 | 11 | 8 |
| Used to smoke | 2 | 7 | 13 | 13 | 16 | 10 |
| Tried smoking | 12 | 18 | 21 | 17 | 18 | 18 |
| Never smoked | 82 | 66 | 48 | 37 | 26 | 51 |

Source: Smoking among secondary school children in 1996

## Smoking behaviour by age, England, 1998



Source: Smoking, drinking and drug use among teenagers in 1998 (England)

## Teenage pregnancies

Teenage pregnancies by outcome, England and Wales, 1988-1998

| Under 20* | $\mathbf{1 9 8 8}$ | $\mathbf{1 9 9 0}$ | $\mathbf{1 9 9 2}$ | $\mathbf{1 9 9 4}$ | $\mathbf{1 9 9 6}$ | $\mathbf{1 9 9 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Rate per 1,000 women aged 15-19 | 65.8 | 68.0 | 61.9 | 58.9 | 63.3 | 64.9 |
| Percentage leading <br> to maternities |  |  |  |  |  |  |
| Percentage leading to abortions | 64 | 64 | 66 | 65 | 64 | 62 |
|  | 36 | 36 | 34 | 35 | 36 | 38 |
| Under 16* |  |  |  |  |  |  |

* at date of conception.

Source: Birth Statistics: Series FM 1

## Age specific conception rates*, England and Wales 1971-1998



* Age at time of conception.

Source: Birth Statistics: Series FM 1

## Deaths: underlying cause sex and age, Great Britain, 1998

|  | Rates per million |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Boys 28 | 28 days to under 1 | 1-4 | 5-9 | 10-14 | 15-19 |
| All causes | 2439.5 | 306.0 | 141.4 | 175.6 | 554.7 |
| Infectious and parasitic diseases (I) | 188.5 | 31.4 | 7.2 | 4.8 | 17.6 |
| Neoplasms (II) | 42.2 | 41.6 | 46.0 | 39.4 | 52.8 |
| Endocrine, nutritional and metabolic diseases (III) | 73.2 | 8.9 | 5.2 | 6.4 | 13.2 |
| Diseases of blood and blood forming organs (IV) | 14.1 | 4.1 | 2.1 | 1.1 | 2.2 |
| Mental disorders (V) | 0.0 | 0.0 | 0.0 | 0.0 | 37.9 |
| Diseases of the nervous system and sense organs (VI) | ) 157.6 | 44.3 | 20.1 | 21.3 | 37.9 |
| Diseases of the circulatory system (VII) | 118.2 | 15.0 | 2.1 | 9.6 | 15.9 |
| Diseases of the respiratory system (VIII) | 261.7 | 29.3 | 9.3 | 8.5 | 15.4 |
| Diseases of the digestive system (IX) | 53.5 | 6.8 | 4.1 | 3.2 | 1.6 |
| Diseases of the genitourinary system (X) | 11.3 | 0.0 | 0.0 | 1.1 | 0.0 |
| Diseases of the skin and subcutaneous system (XII) | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 |
| Diseases of the musculoskelatal system (XIII) | 0.0 | 0.7 | 1.0 | 1.1 | 1.1 |
| Congenital anomalies (XIV) | 422.1 | 44.3 | 12.4 | 11.2 | 22.5 |
| Conditions originating in the perinatal period (XV) | 472.7 | 6.8 | 0.0 | 0.0 | 0.0 |
| Symptoms signs and ill defined conditions (XVI) | 517.7 | 12.3 | 1.0 | 0.5 | 6.6 |
|  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Injury and poisoning (XVII) | 106.9 | 61.4 | 29.9 | 67.1 | 329.3 |
| Girls |  |  |  |  |  |
| All causes | 1953.7 | 240.6 | 111.1 | 116.7 | 266.9 |
| Infectious and parasitic diseases (I) | 192.4 | 25.9 | 4.9 | 4.5 | 20.3 |
| Neoplasms (II) | 23.7 | 30.2 | 30.4 | 16.8 | 34.2 |
| Endocrine, nutritional and metabolic diseases (III) | 50.3 | 7.9 | 3.8 | 9.5 | 13.9 |
| Diseases of blood and blood forming organs (IV) | 5.9 | 2.2 | 0.5 | 0.6 | 0.6 |
| Mental disorders (V) | 2.0 | 1.4 | 0.0 | 1.1 | 9.9 |
| Diseases of the nervous system and sense organs (VI) | ) 127.3 | 30.9 | 20.1 | 23.0 | 23.2 |
| Diseases of the circulatory system (VII) | 88.8 | 20.1 | 6.5 | 5.6 | 13.3 |
| Diseases of the respiratory system (VIII) | 174.6 | 17.0 | 10.8 | 11.2 | 12.8 |
| Diseases of the digestive system (IX) | 47.4 | 5.7 | 2.7 | 2.8 | 3.5 |
| Diseases of the genitourinary system (X) | 5.9 | 1.4 | 0.0 | 0.0 | 0.6 |
| Diseases of the skin and subcutaneous system (XII) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Diseases of the musculoskelatal system (XIII) | 0.0 | 1.4 | 1.1 | 0.6 | 6.4 |
| Congenital anomalies (XIV) | 458.8 | 38.1 | 7.6 | 11.2 | 10.4 |
| Conditions originating in the perinatal period (XV) | 296.0 | 4.3 | 0.0 | 0.0 | 0.6 |
| Symptoms signs and ill defined conditions (XVI) | 396.7 | 5.7 | 0.5 | 2.2 | 2.9 |
| Injury and poisoning (XVII) | 82.9 | 47.4 | 22.2 | 27.5 | 114.3 |


| Numbers | Age 1-4 |  | Age 5-9 |  | Age 10-14 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Boys | Girls | Boys | Girls | Boys | Girls |
| Transport accidents | 65 | 52 | 102 | 55 | 186 | 98 |
| Fire and flames | 39 | 30 | 17 | 12 | 8 | 3 |
| Drowning | 43 | 11 | 17 | 2 | 15 | 2 |
| Falls | 13 | 4 | 11 | 4 | 16 | 9 |
| Suffocation | 11 | 6 | 8 | 0 | 36 | 3 |
| Poisoning | 4 | 5 | 2 | 0 | 5 | 5 |
| Other | 30 | 24 | 16 | 7 | 29 | 6 |
| All | 205 | 132 | 173 | 80 | 295 | 126 |

Source: Mortality Statistics: Series DH2

## Deaths of children aged 1-4 by type of accident, England and Wales, 1996-1998

Percentages


Fire and
flames

# Deaths of children aged 5-14 by type of accident, England and Wales, 1996-1998 

Percentages


Source: Mortality Statistics: Series DH2

Sudden infant deaths by age at death, England and Wales, 1991-1998

| Numbers |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | AGE A | DEATH |  |  |  |
| Year | $\begin{aligned} & \text { Under } \\ & 28 \text { days } \end{aligned}$ | 28 days and over but less than two months | completed months | Three completed months | Four completed months | Five completed months | Between six and eleven completed months | All babies |
| 1991 | 62 | 190 | 217 | 170 | 137 | 82 | 150 | 1008 |
| 1992 | 60 | 94 | 113 | 75 | 60 | 44 | 85 | 531 |
| 1993 | 40 | 76 | 105 | 63 | 55 | 36 | 83 | 458 |
| 1994 | 39 | 94 | 89 | 64 | 50 | 35 | 83 | 454 |
| 1995 | 48 | 90 | 79 | 65 | 31 | 35 | 50 | 398 |
| 1996 | 53 | 98 | 95 | 66 | 39 | 30 | 43 | 424 |
| 1997 | 45 | 95 | 76 | 49 | 50 | 31 | 47 | 393 |
| 1998 | 34 | 86 | 53 | 38 | 30 | 21 | 22 | 284 |

## Percentages of all infant deaths under 1 year

| 1991 | 6.2 | 18.8 | 21.5 | 16.9 | 13.6 | 8.1 | 14.9 | 100 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1992 | 11.3 | 17.7 | 21.3 | 14.1 | 11.3 | 8.3 | 16.0 | 100 |
| 1993 | 8.7 | 16.6 | 22.9 | 13.8 | 12.0 | 7.9 | 18.1 | 100 |
| 1994 | 8.6 | 20.7 | 19.6 | 14.1 | 11.0 | 7.7 | 18.3 | 100 |
| 1995 | 12.1 | 22.6 | 19.8 | 16.3 | 7.8 | 8.8 | 12.6 | 100 |
| 1996 | 12.5 | 23.1 | 22.4 | 15.6 | 9.2 | 7.1 | 10.1 | 100 |
| 1997 | 11.5 | 24.2 | 19.3 | 12.5 | 12.7 | 7.9 | 12.0 | 100 |
| 1998 | 12.0 | 30.3 | 18.7 | 13.4 | 10.6 | 7.4 | 7.7 | 100 |

Source: DH3 Monitor: Population and Health Health Statistics Quarterly No.3, Autumn 1999

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[^0]:    * Includes ethnic group Not Stated.

    Note: Estimates whose relative standard errors exceed 20\% appear in italics and should not be used in any analysis.

[^1]:    * Marriages per 1,000 population at risk.


    ## Source: Marriage and Divorce Statistics: Series FM2

[^2]:    * Divorce decrees per 1,000 married population.

[^3]:    * All malignant neoplasms excluding non-melanoma skin cancer.
    ** The rate is directly age standardised using the European standard population to take account of the changing age structure of the population.

