

**WHO/UNICEF  
Review of National Immunization Coverage  
1980-2008**

---

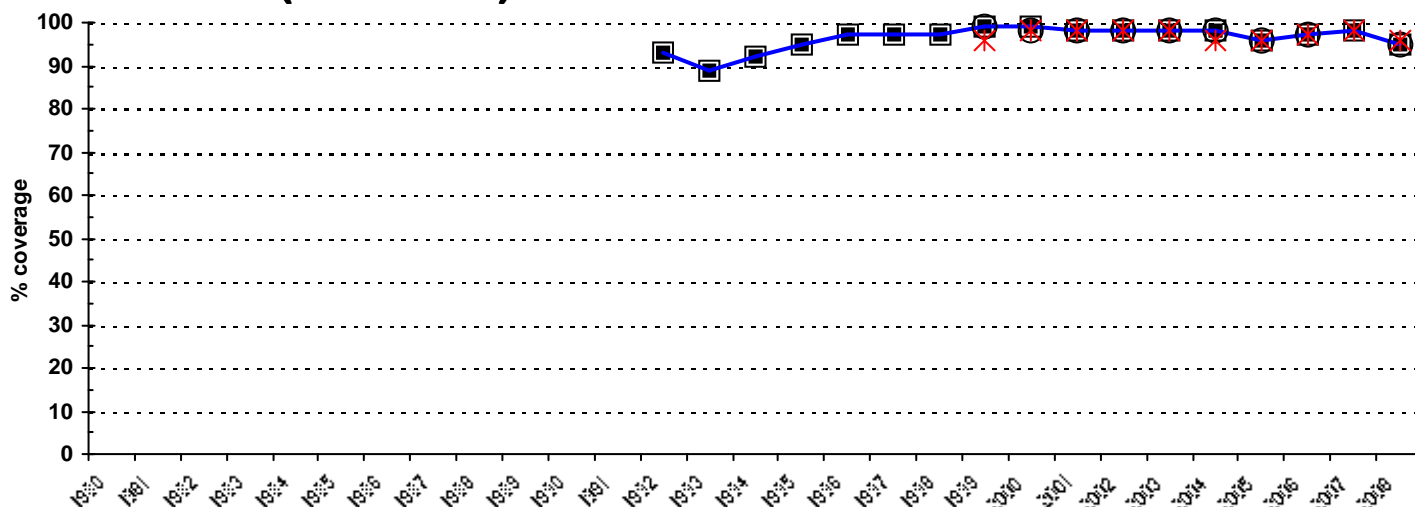
***Ukraine***

---

**July, 2009**

# Ukraine

## BCG (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 | 93                                | 93            | 93            |   |  |                           |                         |
| 1993 | 89                                | 89            | 89            |   |  |                           |                         |
| 1994 | 92                                | 92            | 92            |   |  |                           |                         |
| 1995 | 95                                | 95            | 95            |   |  |                           |                         |
| 1996 | 97                                | 97            | 97            |   |  |                           |                         |
| 1997 | 97                                | 97            | 97            |   |  |                           |                         |
| 1998 | 97                                | 97            | 97            |   |  |                           |                         |
| 1999 | 99                                | 99            | 99            | 99  | 96   |                           |                         |
| 2000 | 99                                | 99            | 99            | 98  | 98   |                           |                         |
| 2001 | 98                                | 98            | 98            | 98  | 98   |                           |                         |
| 2002 | 98                                | 98            | 98            | 98  | 98   |                           |                         |
| 2003 | 98                                | 98            | 98            | 98  | 98   |                           |                         |
| 2004 | 98                                | 98            | 98            | 98  | 96   |                           |                         |
| 2005 | 96                                | 96            | 96            | 96  | 96   |                           |                         |
| 2006 | 97                                | 97            | 97            | 97  | 97   |                           |                         |
| 2007 | 98                                | 98            | 98            |   | 98   |                           |                         |
| 2008 | 95                                | 95            | 95            | 95  | 96   |                           |                         |

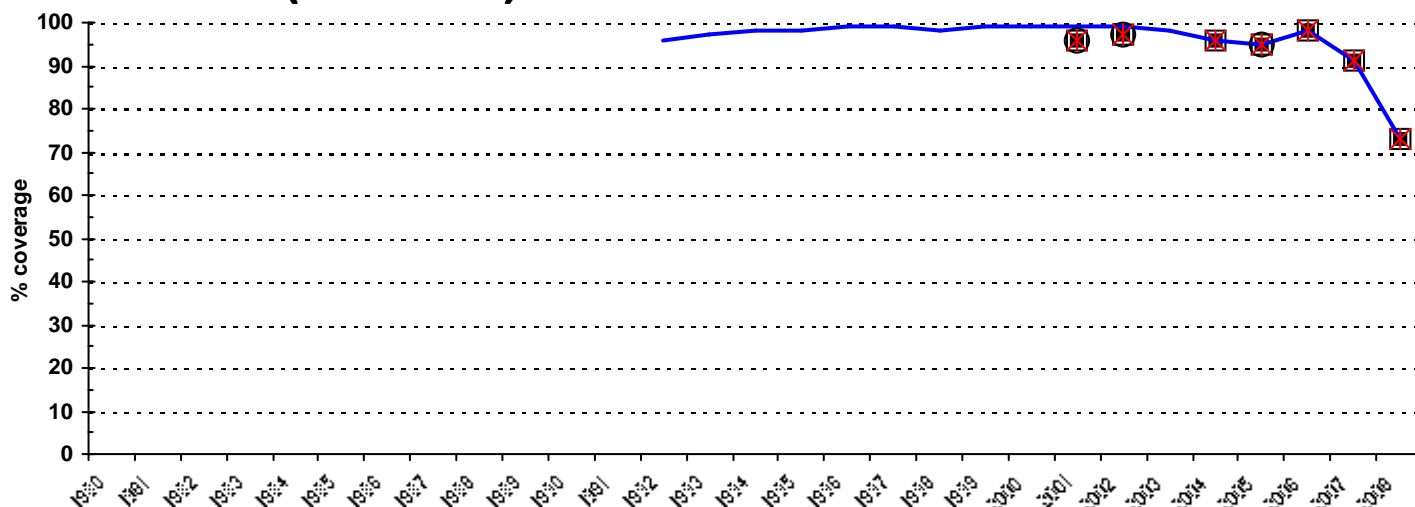
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## DTP1 (1980-2008)



### Description of trend

WHO and UNICEF began requesting data on DTP1 coverage in 2001 and have received national reports reflecting DTP1 coverage in 2001 onward. The estimates for 2004 onward are based on these reports. For other years the DTP1 are derived from the WHO/UNICEF estimates DTP3 and the relationship between the levels of DTP3 coverage and the drop-out between DTP1 and DTP3. This relationship results from an analysis of 282 surveys conducted in 101 countries which were published between 1980 and 2004.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
|      |                                   | □             | ■             | ○   | ✱  | ▮                         | +                       |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 | 96                                |               |               |   |  |                           |                         |
| 1993 | 97                                |               |               |   |  |                           |                         |
| 1994 | 98                                |               |               |   |  |                           |                         |
| 1995 | 98                                |               |               |   |  |                           |                         |
| 1996 | 99                                |               |               |   |  |                           |                         |
| 1997 | 99                                |               |               |   |  |                           |                         |
| 1998 | 98                                |               |               |   |  |                           |                         |
| 1999 | 99                                |               |               |   |  |                           |                         |
| 2000 | 99                                |               |               |   |  |                           |                         |
| 2001 | 99                                | 96            | 96            | 96  | 96   |                           |                         |
| 2002 | 99                                | 97            | 97            | 97  | 97   |                           |                         |
| 2003 | 98                                |               |               |   |  |                           |                         |
| 2004 | 96                                | 96            | 96            |   | 96   |                           |                         |
| 2005 | 95                                | 95            | 95            | 95  | 95   |                           |                         |
| 2006 | 98                                | 98            | 98            |   | 98   |                           |                         |
| 2007 | 91                                | 91            | 91            |   | 91   |                           |                         |
| 2008 | 73                                | 73            | 73            |   | 73   |                           |                         |

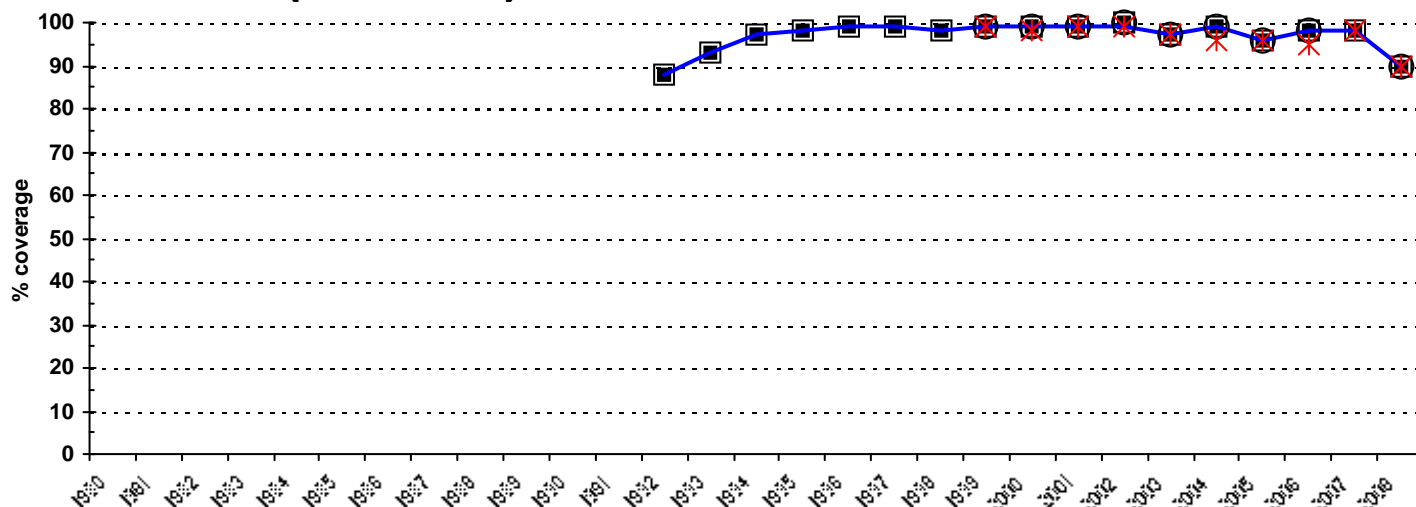
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## DTP3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 | 88                                | 88            | 88            |   |  |                           |                         |
| 1993 | 93                                | 93            | 93            |   |  |                           |                         |
| 1994 | 97                                | 97            | 97            |   |  |                           |                         |
| 1995 | 98                                | 98            | 98            |   |  |                           |                         |
| 1996 | 99                                | 99            | 99            |   |  |                           |                         |
| 1997 | 99                                | 99            | 99            |   |  |                           |                         |
| 1998 | 98                                | 98            | 98            |   |  |                           |                         |
| 1999 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2000 | 99                                | 99            | 99            | 99  | 98   |                           |                         |
| 2001 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2002 | 99                                | 100           | 100           | 100                                       | 99   |                           |                         |
| 2003 | 97                                | 97            | 97            | 97  | 97   |                           |                         |
| 2004 | 99                                | 99            | 99            | 99  | 96   |                           |                         |
| 2005 | 96                                | 96            | 96            | 96  | 96   |                           |                         |
| 2006 | 98                                | 98            | 98            | 98  | 95   |                           |                         |
| 2007 | 98                                | 98            | 98            |   | 98   |                           |                         |
| 2008 | 90                                | 90            | 90            | 90  | 90   |                           |                         |

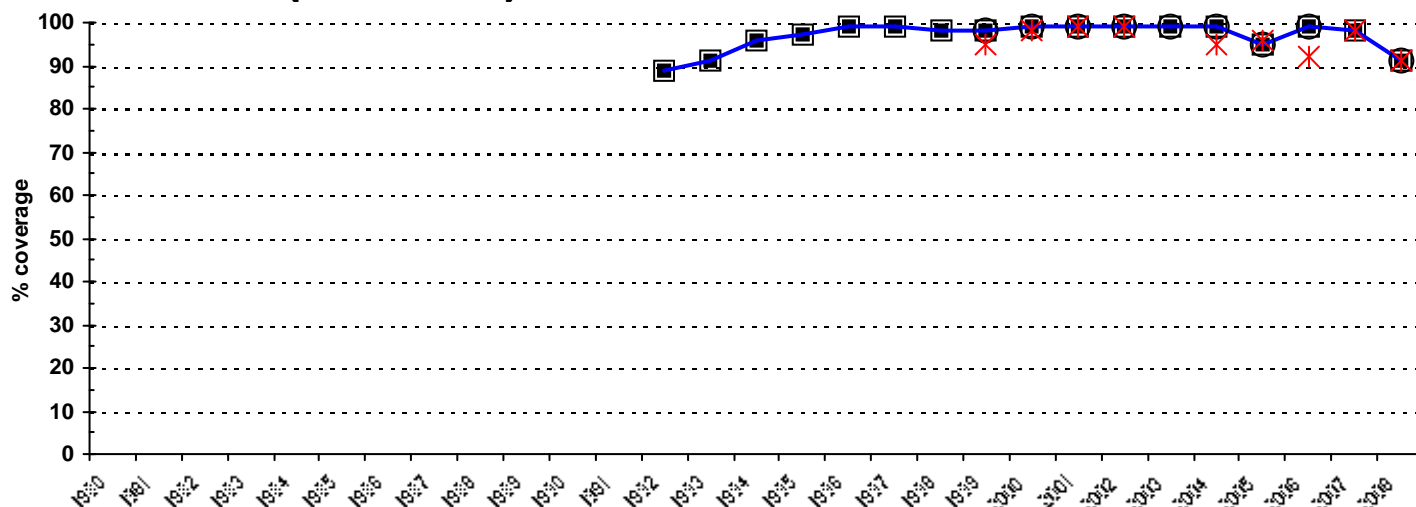
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## Pol3 (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 | 89                                | 89            | 89            |   |  |                           |                         |
| 1993 | 91                                | 91            | 91            |   |  |                           |                         |
| 1994 | 96                                | 96            | 96            |   |  |                           |                         |
| 1995 | 97                                | 97            | 97            |   |  |                           |                         |
| 1996 | 99                                | 99            | 99            |   |  |                           |                         |
| 1997 | 99                                | 99            | 99            |   |  |                           |                         |
| 1998 | 98                                | 98            | 98            |   |  |                           |                         |
| 1999 | 98                                | 98            | 98            | 98  | 95   |                           |                         |
| 2000 | 99                                | 99            | 99            | 99  | 98   |                           |                         |
| 2001 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2002 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2003 | 99                                | 99            | 99            | 99  |  |                           |                         |
| 2004 | 99                                | 99            | 99            | 99  | 95   |                           |                         |
| 2005 | 95                                | 95            | 95            | 95  | 96   |                           |                         |
| 2006 | 99                                | 99            | 99            | 99  | 92   |                           |                         |
| 2007 | 98                                | 98            | 98            |   | 98   |                           |                         |
| 2008 | 91                                | 91            | 91            | 91  | 91   |                           |                         |

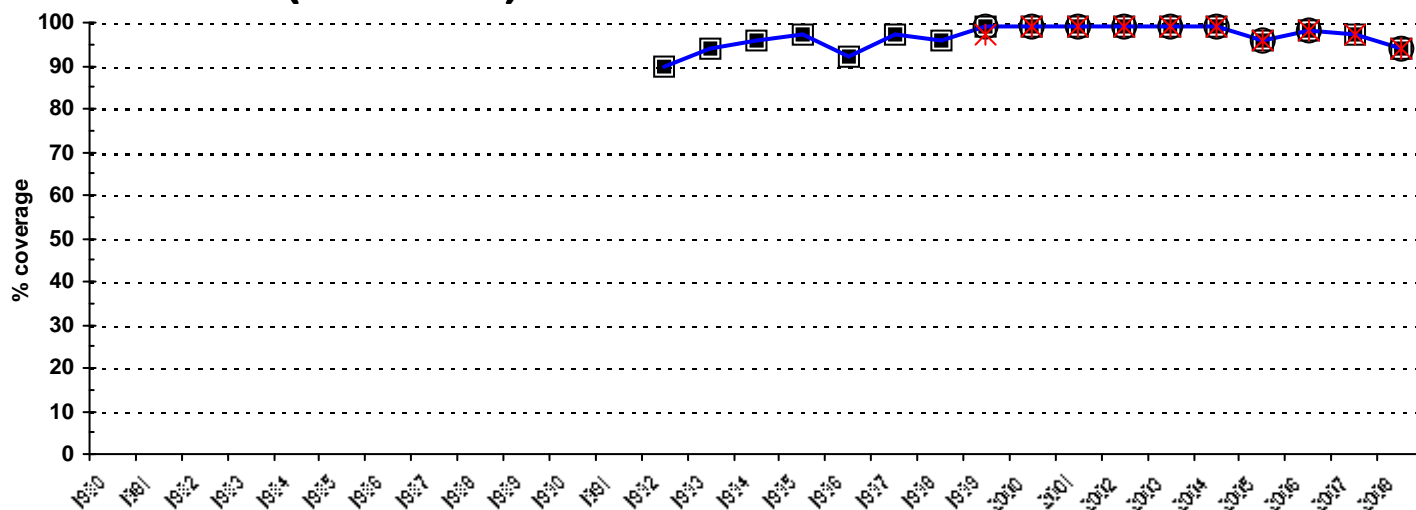
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## MCV (1980-2008)



### Description of trend

Estimated immunization coverage levels are based on reported data.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 | 90                                | 90            | 90            |   |  |                           |                         |
| 1993 | 94                                | 94            | 94            |   |  |                           |                         |
| 1994 | 96                                | 96            | 96            |   |  |                           |                         |
| 1995 | 97                                | 97            | 97            |   |  |                           |                         |
| 1996 | 92                                | 92            | 92            |   |  |                           |                         |
| 1997 | 97                                | 97            | 97            |   |  |                           |                         |
| 1998 | 96                                | 96            | 96            |   |  |                           |                         |
| 1999 | 99                                | 99            | 99            | 99  | 97   |                           |                         |
| 2000 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2001 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2002 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2003 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2004 | 99                                | 99            | 99            | 99  | 99   |                           |                         |
| 2005 | 96                                | 96            | 96            | 96  | 96   |                           |                         |
| 2006 | 98                                | 98            | 98            | 98  | 98   |                           |                         |
| 2007 | 97                                | 97            | 97            | 97  | 97   |                           |                         |
| 2008 | 94                                | 94            | 94            | 94  | 94   |                           |                         |

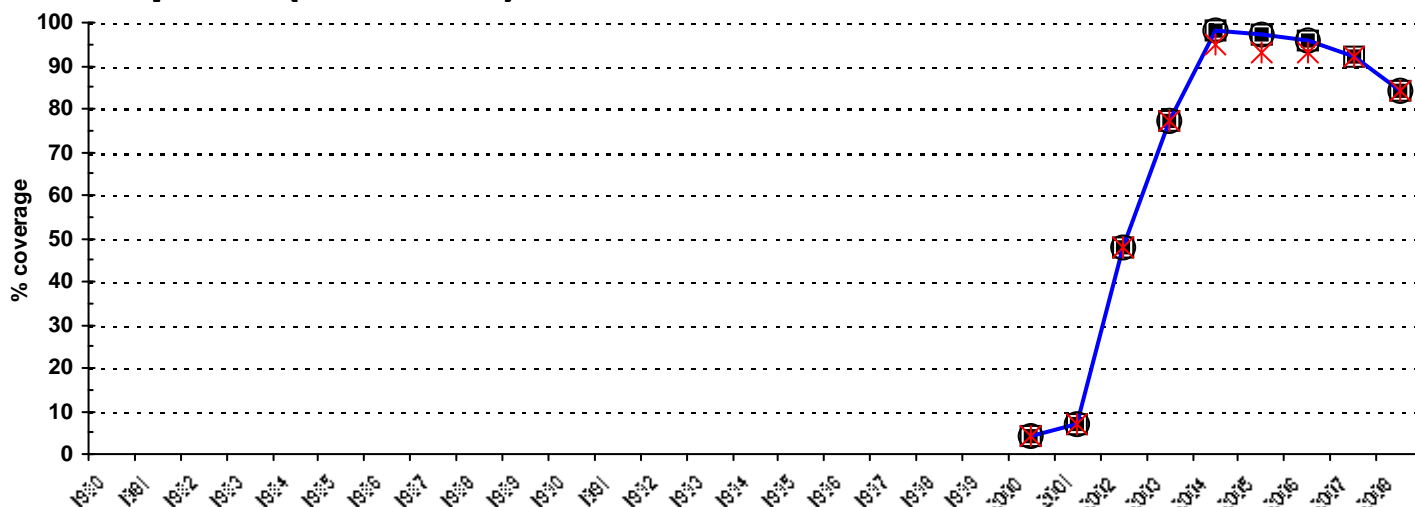
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## HepB3 (1980-2008)



### Description of trend

The Hepatitis vaccine was introduced in 2000. Estimated immunization coverage levels are based on reported data.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%) | Reported to:* |               | Government<br>official<br>estimate<br>(%) | Reported<br>doses<br>administered<br>(%)** | Survey data (%)***        |                         |
|------|-----------------------------------|---------------|---------------|---|--|---------------------------|-------------------------|
|      |                                   | WHO<br>(%)    | UNICEF<br>(%) |   |  | Survey<br>12-23<br>months | Survey<br><12<br>months |
| 1980 |                                   |               |               |   |  |                           |                         |
| 1981 |                                   |               |               |   |  |                           |                         |
| 1982 |                                   |               |               |   |  |                           |                         |
| 1983 |                                   |               |               |   |  |                           |                         |
| 1984 |                                   |               |               |   |  |                           |                         |
| 1985 |                                   |               |               |   |  |                           |                         |
| 1986 |                                   |               |               |   |  |                           |                         |
| 1987 |                                   |               |               |   |  |                           |                         |
| 1988 |                                   |               |               |   |  |                           |                         |
| 1989 |                                   |               |               |   |  |                           |                         |
| 1990 |                                   |               |               |   |  |                           |                         |
| 1991 |                                   |               |               |   |  |                           |                         |
| 1992 |                                   |               |               |   |  |                           |                         |
| 1993 |                                   |               |               |   |  |                           |                         |
| 1994 |                                   |               |               |   |  |                           |                         |
| 1995 |                                   |               |               |   |  |                           |                         |
| 1996 |                                   |               |               |   |  |                           |                         |
| 1997 |                                   |               |               |   |  |                           |                         |
| 1998 |                                   |               |               |   |  |                           |                         |
| 1999 |                                   |               |               |   |  |                           |                         |
| 2000 | 4                                 | 4             | 4             | 4   | 4  |                           |                         |
| 2001 | 7                                 | 7             | 7             | 7   | 7  |                           |                         |
| 2002 | 48                                | 48            | 48            | 48  | 48   |                           |                         |
| 2003 | 77                                | 77            | 77            | 77  | 77   |                           |                         |
| 2004 | 98                                | 98            | 98            | 98  | 95   |                           |                         |
| 2005 | 97                                | 97            | 97            | 97  | 93   |                           |                         |
| 2006 | 96                                | 96            | 96            | 96  | 93   |                           |                         |
| 2007 | 92                                | 92            | 92            |   | 92   |                           |                         |
| 2008 | 84                                | 84            | 84            | 84  | 84   |                           |                         |

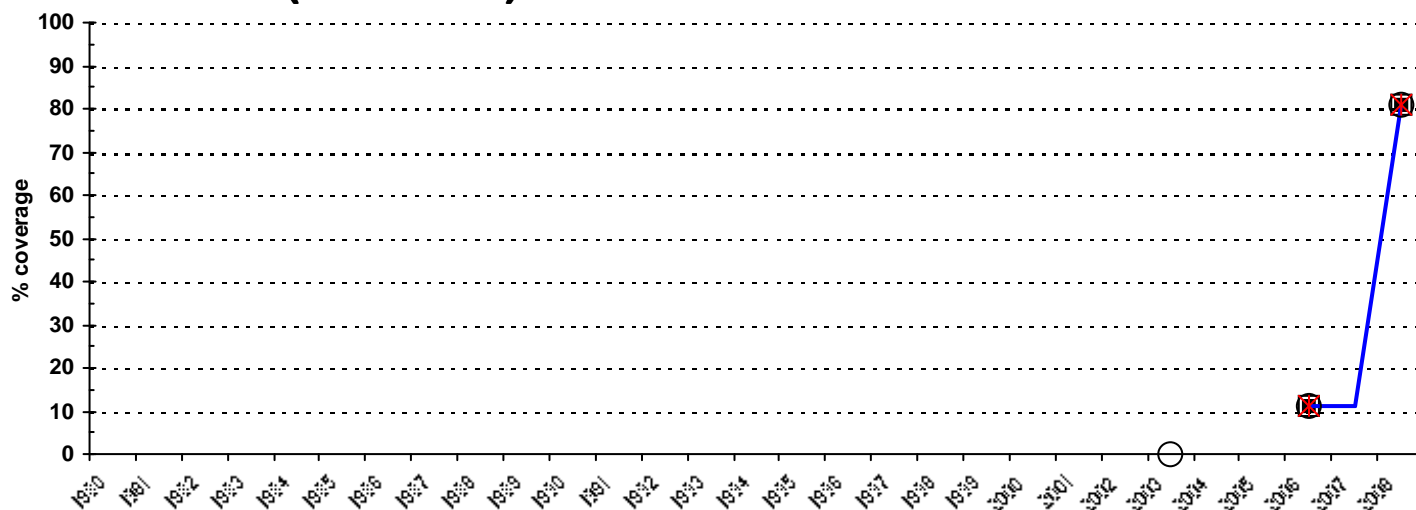
\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.

# Ukraine

## Hib3 (1980-2008)



### Description of trend

Monovalent Hib vaccine was introduced in 2006.

### Data presented in chart

| Year | WHO/<br>UNICEF<br>estimate<br>(%)<br><br>— | Reported to:*       |                        | Government<br>official<br>estimate<br>(%)<br><br>○ | Reported<br>doses<br>administered<br>(%)**<br><br>✗ | Survey data (%)***                |                                  |
|------|--|---------------------|------------------------|--|---|-----------------------------------|----------------------------------|
|      |  | WHO<br>(%)<br><br>□ | UNICEF<br>(%)<br><br>■ |  |   | Survey<br>12-23<br>months<br><br> | Survey<br><12<br>months<br><br>+ |
| 1980 |  |                     |                        |  |   |                                   |                                  |
| 1981 |  |                     |                        |  |   |                                   |                                  |
| 1982 |  |                     |                        |  |   |                                   |                                  |
| 1983 |  |                     |                        |  |   |                                   |                                  |
| 1984 |  |                     |                        |  |   |                                   |                                  |
| 1985 |  |                     |                        |  |   |                                   |                                  |
| 1986 |  |                     |                        |  |   |                                   |                                  |
| 1987 |  |                     |                        |  |   |                                   |                                  |
| 1988 |  |                     |                        |  |   |                                   |                                  |
| 1989 |  |                     |                        |  |   |                                   |                                  |
| 1990 |  |                     |                        |  |   |                                   |                                  |
| 1991 |  |                     |                        |  |   |                                   |                                  |
| 1992 |  |                     |                        |  |   |                                   |                                  |
| 1993 |  |                     |                        |  |   |                                   |                                  |
| 1994 |  |                     |                        |  |   |                                   |                                  |
| 1995 |  |                     |                        |  |   |                                   |                                  |
| 1996 |  |                     |                        |  |   |                                   |                                  |
| 1997 |  |                     |                        |  |   |                                   |                                  |
| 1998 |  |                     |                        |  |   |                                   |                                  |
| 1999 |  |                     |                        |  |   |                                   |                                  |
| 2000 |  |                     |                        |  |   |                                   |                                  |
| 2001 |  |                     |                        |  |   |                                   |                                  |
| 2002 |  |                     |                        |  |   |                                   |                                  |
| 2003 |  |                     |                        | 0  |   |                                   |                                  |
| 2004 |  |                     |                        |  |   |                                   |                                  |
| 2005 |  |                     |                        |  |   |                                   |                                  |
| 2006 | 11   | 11                  | 11                     | 11   | 11  |                                   |                                  |
| 2007 | 11   |                     |                        |  |   |                                   |                                  |
| 2008 | 81   | 81                  | 81                     | 81   | 81  |                                   |                                  |

\*Prior to 1998 national reports to WHO/UNICEF did not specify whether information was derived from administrative records, surveys or other sources.

\*\*Coverage based on registration of doses administered by health care providers.

\*\*\*In case more than one survey was implemented in a certain year the highest value is presented. Details of all data are presented in the second section of this report.