

Vaccination coverage (NHC) - per cent

| Year | 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 | | | | | | | | | | | | | | | | | | | |
|-----------|--|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Geography | Age | Vaccine against | | | | | | | | | | | | | | | | | | |
| Nordland | 2 years | Diphtheria | 94.0 | 94.0 | 94.0 | 92.0 | 92.0 | 89.0 | 95.0 | 96.0 | 93.0 | 90.0 | 92.8 | 92.9 | 90.1 | 94.5 | 94.8 | 95.6 | 96.9 | |
| | | Tetanus | 94.0 | 94.0 | 94.0 | 92.0 | 92.0 | 89.0 | 95.0 | 96.0 | 93.0 | 90.0 | 92.9 | 92.9 | 90.2 | 94.5 | 94.8 | 95.6 | 96.9 | |
| | | Pertussis | 94.0 | 94.0 | 94.0 | 92.0 | 92.0 | 89.0 | 95.0 | 96.0 | 93.0 | 90.0 | 92.8 | 92.9 | 90.1 | 94.5 | 94.8 | 95.6 | 96.9 | |
| | | Poliomyelitis | 95.0 | 94.0 | 94.0 | 92.0 | 92.0 | 89.0 | 95.0 | 96.0 | 93.0 | 90.0 | 92.8 | 92.9 | 90.0 | 94.2 | 94.5 | 95.8 | 96.9 | |
| | | HIB | 95.0 | 95.0 | 95.0 | 93.0 | 93.0 | 92.0 | 94.0 | 96.0 | 94.0 | 95.0 | 93.8 | 93.7 | 91.7 | 95.6 | 95.3 | 96.3 | 97.2 | |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | 89.1 | 93.8 | 91.6 | 88.9 | 91.5 | 91.1 | 87.5 | 92.6 | 92.5 | 93.7 | 95.0 | |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 90.5 | 92.6 |
| | | Measles | .. | .. | .. | .. | .. | .. | .. | 92.8 | 90.7 | 92.5 | 91.8 | 90.0 | 91.7 | 95.3 | 96.2 | 96.7 | 97.2 | |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | 92.8 | 90.7 | 92.5 | 91.8 | 90.0 | 91.7 | 95.3 | 96.2 | 96.7 | 97.2 | |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | 92.8 | 90.7 | 92.5 | 91.8 | 90.0 | 91.7 | 95.3 | 96.2 | 96.7 | 97.2 | |
| | | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 9 years | Diphtheria | 90.0 | 95.0 | 95.0 | 94.0 | 95.0 | 94.0 | 94.0 | 94.0 | 94.0 | 95.0 | 95.4 | 91.4 | 89.5 | 91.0 | 91.5 | 94.2 | 93.8 | |
| | | Tetanus | 90.0 | 95.0 | 95.0 | 94.0 | 95.0 | 94.0 | 94.0 | 94.0 | 94.0 | 95.0 | 95.5 | 91.4 | 89.6 | 91.0 | 91.5 | 94.3 | 93.8 | |
| | | Pertussis | 89.0 | 94.0 | 95.0 | 93.0 | 95.0 | 94.0 | 94.0 | 94.0 | 94.0 | 95.0 | 95.4 | 95.2 | 89.5 | 90.7 | 91.2 | 93.9 | 93.7 | |
| | | Poliomyelitis | 88.0 | 94.0 | 95.0 | 94.0 | 96.0 | 94.0 | 94.0 | 93.0 | 94.0 | 95.0 | 95.4 | 91.2 | 89.5 | 90.9 | 91.3 | 93.8 | 94.0 | |
| | | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Measles | .. | .. | .. | .. | .. | .. | .. | 95.2 | 94.5 | 94.5 | 95.4 | 94.5 | 94.4 | 94.7 | 95.0 | 96.2 | 96.5 | |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | 95.2 | 94.5 | 94.5 | 95.4 | 94.5 | 94.3 | 94.7 | 95.0 | 96.2 | 96.5 | |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | 95.2 | 94.5 | 94.5 | 95.4 | 94.5 | 94.3 | 94.7 | 95.0 | 96.1 | 96.5 | |
| | | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | 16 years | Diphtheria | .. | .. | .. | .. | .. | .. | .. | 87.4 | 89.3 | 88.1 | 91.9 | 92.3 | 88.8 | 90.4 | 91.4 | 94.0 | 92.2 | |
| | | Tetanus | .. | .. | .. | .. | .. | .. | .. | 87.5 | 89.4 | 88.1 | 91.9 | 92.4 | 88.8 | 90.4 | 91.4 | 94.0 | 92.2 | |
| | | Pertussis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 88.5 | 90.2 | 91.1 | 93.8 | 91.9 | |
| | | Poliomyelitis | .. | .. | .. | .. | .. | .. | .. | 91.2 | 91.6 | 94.6 | 94.4 | 93.9 | 86.6 | 90.2 | 91.4 | 93.8 | 92.2 | |
| | | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | | Measles | .. | .. | .. | .. | .. | .. | .. | 94.0 | 94.6 | 94.0 | 94.3 | 93.7 | 93.7 | 90.3 | 90.2 | 93.3 | 92.1 | |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | 94.0 | 94.6 | 94.0 | 94.3 | 93.7 | 93.7 | 90.2 | 90.1 | 93.1 | 92.0 | |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | 94.0 | 94.6 | 94.0 | 94.2 | 93.7 | 93.7 | 90.2 | 90.2 | 93.1 | 92.1 | |
| | | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 66.9 | 76.7 | 79.1 | 81.5 | 88.2 | 88.0 | |
| Troms | 2 years | Diphtheria | 94.0 | 95.0 | 93.0 | 93.0 | 92.0 | 94.0 | 92.0 | 93.0 | 92.0 | 94.0 | 94.9 | 94.3 | 95.1 | 95.3 | 94.7 | 96.4 | 94.1 | |
| | | Tetanus | 94.0 | 95.0 | 93.0 | 93.0 | 92.0 | 94.0 | 92.0 | 93.0 | 92.0 | 94.0 | 94.9 | 94.3 | 95.1 | 95.4 | 94.7 | 96.4 | 94.1 | |
| | | Pertussis | 93.0 | 95.0 | 93.0 | 93.0 | 92.0 | 94.0 | 92.0 | 93.0 | 92.0 | 94.0 | 95.0 | 94.3 | 95.1 | 95.2 | 94.7 | 96.4 | 94.0 | |
| | | Poliomyelitis | 94.0 | 95.0 | 93.0 | 93.0 | 92.0 | 94.0 | 92.0 | 93.0 | 92.0 | 94.0 | 95.0 | 94.2 | 95.1 | 95.2 | 94.8 | 96.5 | 94.1 | |
| | | HIB | 95.0 | 96.0 | 94.0 | 93.0 | 95.0 | 95.0 | 92.0 | 94.0 | 93.0 | 94.0 | 95.3 | 94.8 | 94.7 | 95.2 | 94.5 | 96.2 | 95.1 | |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | 83.2 | 90.8 | 90.0 | 92.1 | 93.3 | 93.0 | 92.5 | 93.8 | 93.1 | 94.3 | 92.0 | |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 88.9 | 89.0 | |

Vaccination coverage (NHC) - per cent

| Year | | | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | | |
|---------------|---------------|-----------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Geography | Age | Vaccine against | | | | | | | | | | | | | | | | | | | |
| | 9 years | Measles | .. | .. | .. | .. | .. | .. | .. | .. | 93.5 | 92.9 | 94.0 | 93.6 | 93.2 | 95.2 | 95.7 | 95.8 | 96.8 | 95.7 | |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.4 | 92.8 | 94.0 | 93.6 | 93.2 | 95.2 | 95.6 | 95.8 | 96.8 | 95.7 |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.5 | 92.8 | 94.0 | 93.6 | 93.2 | 95.2 | 95.6 | 95.8 | 96.8 | 95.7 |
| | | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Diphtheria | 96.0 | 95.0 | 93.0 | 95.0 | 96.0 | 95.0 | 94.0 | 94.0 | 95.0 | 94.0 | 95.0 | 94.0 | 95.5 | 91.5 | 91.2 | 92.5 | 94.2 | 94.6 | 94.7 |
| | | Tetanus | 96.0 | 95.0 | 93.0 | 95.0 | 96.0 | 95.0 | 94.0 | 94.0 | 95.0 | 94.0 | 95.0 | 94.0 | 95.5 | 91.5 | 91.2 | 92.5 | 94.3 | 94.6 | 94.7 |
| | | Pertussis | 94.0 | 94.0 | 93.0 | 95.0 | 95.0 | 95.0 | 94.0 | 93.0 | 95.0 | 94.0 | 95.3 | 95.4 | 91.1 | 92.4 | 94.1 | 94.5 | 94.5 | 94.6 | |
| | | Poliomyelitis | 94.0 | 94.0 | 93.0 | 96.0 | 96.0 | 95.0 | 95.0 | 93.0 | 95.0 | 94.0 | 95.3 | 91.5 | 91.1 | 92.4 | 94.2 | 94.5 | 94.5 | 94.7 | |
| | | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Measles | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.9 | 95.0 | 94.5 | 94.1 | 95.0 | 94.8 | 94.3 | 96.2 | 96.7 | 97.3 |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.9 | 95.0 | 94.5 | 94.1 | 94.9 | 94.8 | 94.2 | 96.2 | 96.7 | 97.2 |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.9 | 95.0 | 94.5 | 94.1 | 95.0 | 94.8 | 94.2 | 96.2 | 96.7 | 97.3 |
| | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | Diphtheria | .. | .. | .. | .. | .. | .. | .. | .. | .. | 89.9 | 92.9 | 90.7 | 91.3 | 91.9 | 90.1 | 91.0 | 91.1 | 91.8 | 89.0 | |
| | Tetanus | .. | .. | .. | .. | .. | .. | .. | .. | .. | 89.9 | 93.0 | 90.7 | 91.3 | 91.9 | 90.1 | 91.0 | 91.2 | 91.8 | 89.1 | |
| | Pertussis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 89.7 | 90.5 | 90.8 | 91.7 | 88.8 | |
| | Poliomyelitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | 92.5 | 95.3 | 94.4 | 93.9 | 94.9 | 90.5 | 91.1 | 91.3 | 92.1 | 89.3 | |
| | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| | Measles | .. | .. | .. | .. | .. | .. | .. | .. | .. | 94.0 | 95.0 | 91.7 | 93.9 | 93.1 | 93.3 | 90.5 | 89.9 | 91.7 | 91.9 | |
| | Mumps | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.9 | 95.0 | 91.7 | 93.9 | 93.1 | 93.3 | 90.5 | 89.8 | 91.6 | 91.5 | |
| | Rubella | .. | .. | .. | .. | .. | .. | .. | .. | .. | 93.9 | 95.0 | 91.7 | 94.0 | 93.1 | 93.3 | 90.5 | 89.8 | 91.6 | 91.6 | |
| | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 69.5 | 77.0 | 80.3 | 82.6 | 90.6 | 87.5 | |
| | Finnmark | 2 years | Diphtheria | 93.0 | 96.0 | 95.0 | 92.0 | 96.0 | 96.0 | 92.0 | 95.0 | 83.0 | 90.0 | 93.9 | 94.3 | 89.5 | 92.7 | 92.7 | 95.6 | 94.8 | |
| | | | Tetanus | 93.0 | 96.0 | 95.0 | 92.0 | 96.0 | 96.0 | 92.0 | 95.0 | 83.0 | 90.0 | 93.9 | 94.3 | 89.5 | 92.7 | 92.7 | 95.6 | 94.8 | |
| Pertussis | | | 93.0 | 96.0 | 95.0 | 92.0 | 96.0 | 96.0 | 93.0 | 95.0 | 83.0 | 91.0 | 94.4 | 94.3 | 89.5 | 92.7 | 92.7 | 95.6 | 94.8 | | |
| Poliomyelitis | | | 93.0 | 96.0 | 95.0 | 91.0 | 96.0 | 96.0 | 92.0 | 94.0 | 83.0 | 90.0 | 93.9 | 94.3 | 89.6 | 92.5 | 92.7 | 95.4 | 94.7 | | |
| HIB | | | 94.0 | 96.0 | 95.0 | 92.0 | 97.0 | 97.0 | 93.0 | 94.0 | 86.0 | 92.0 | 94.4 | 94.3 | 89.1 | 94.1 | 92.6 | 94.2 | 93.6 | | |
| Pneumococcus | | | .. | .. | .. | .. | .. | .. | 84.9 | 92.7 | 81.5 | 89.1 | 92.5 | 92.6 | 87.4 | 89.7 | 89.8 | 92.0 | 91.0 | | |
| Rotavirus | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 88.1 | 85.8 | |
| Measles | | | .. | .. | .. | .. | .. | .. | .. | 90.3 | 86.4 | 93.2 | 92.4 | 94.0 | 89.9 | 95.1 | 94.6 | 96.5 | 95.1 | | |
| Mumps | | | .. | .. | .. | .. | .. | .. | .. | 90.3 | 86.4 | 93.0 | 92.4 | 94.0 | 89.9 | 95.1 | 94.6 | 96.5 | 95.1 | | |
| Rubella | | | .. | .. | .. | .. | .. | .. | .. | 90.3 | 86.4 | 93.2 | 92.4 | 94.0 | 89.9 | 95.1 | 94.6 | 96.5 | 95.1 | | |
| HPV-infection | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Diphtheria | | | 94.0 | 98.0 | 96.0 | 96.0 | 96.0 | 96.0 | 97.0 | 93.0 | 93.0 | 92.0 | 92.4 | 90.1 | 91.3 | 88.6 | 91.4 | 93.9 | 93.3 | | |
| Tetanus | | | 94.0 | 98.0 | 96.0 | 96.0 | 96.0 | 96.0 | 97.0 | 93.0 | 94.0 | 92.0 | 92.6 | 90.1 | 91.3 | 88.6 | 91.4 | 93.9 | 93.3 | | |
| Pertussis | | | 93.0 | 97.0 | 95.0 | 96.0 | 95.0 | 95.0 | 97.0 | 93.0 | 93.0 | 92.0 | 92.3 | 94.6 | 91.2 | 88.2 | 91.3 | 93.6 | 93.1 | | |
| 9 years | | Diphtheria | 94.0 | 98.0 | 96.0 | 96.0 | 96.0 | 96.0 | 97.0 | 93.0 | 93.0 | 92.0 | 92.4 | 90.1 | 91.3 | 88.6 | 91.4 | 93.9 | 93.3 | | |
| | | Tetanus | 94.0 | 98.0 | 96.0 | 96.0 | 96.0 | 96.0 | 97.0 | 93.0 | 94.0 | 92.0 | 92.6 | 90.1 | 91.3 | 88.6 | 91.4 | 93.9 | 93.3 | | |
| | | Pertussis | 93.0 | 97.0 | 95.0 | 96.0 | 95.0 | 95.0 | 97.0 | 93.0 | 93.0 | 92.0 | 92.3 | 94.6 | 91.2 | 88.2 | 91.3 | 93.6 | 93.1 | | |

Vaccination coverage (NHC) - *per cent*

| Year | | | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-----------|----------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Geography | Age | Vaccine against | | | | | | | | | | | | | | | | | |
| | | Poliomyelitis | 92.0 | 96.0 | 96.0 | 95.0 | 95.0 | 95.0 | 97.0 | 93.0 | 93.0 | 92.0 | 92.4 | 90.0 | 91.1 | 88.4 | 91.2 | 93.9 | 93.3 |
| | | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Measles | .. | .. | .. | .. | .. | .. | .. | 94.2 | 93.3 | 92.7 | 93.1 | 94.5 | 93.9 | 93.3 | 95.3 | 95.6 | 97.1 |
| | | Mumps | .. | .. | .. | .. | .. | .. | .. | 94.2 | 93.5 | 92.7 | 93.1 | 94.6 | 93.8 | 93.2 | 95.3 | 95.6 | 97.1 |
| | | Rubella | .. | .. | .. | .. | .. | .. | .. | 94.2 | 93.5 | 92.7 | 93.1 | 94.6 | 93.8 | 93.3 | 95.3 | 95.6 | 97.1 |
| | | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 16 years | Diphtheria | .. | .. | .. | .. | .. | .. | .. | 92.2 | 90.1 | 91.3 | 91.3 | 90.5 | 82.2 | 87.9 | 89.6 | 88.5 | 92.2 |
| | 16 years | Tetanus | .. | .. | .. | .. | .. | .. | .. | 92.5 | 90.4 | 91.2 | 91.5 | 90.5 | 82.3 | 88.1 | 89.5 | 88.5 | 92.3 |
| | 16 years | Pertussis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 81.7 | 87.5 | 88.3 | 88.2 | 92.2 |
| | 16 years | Poliomyelitis | .. | .. | .. | .. | .. | .. | .. | 96.3 | 94.1 | 93.7 | 93.7 | 92.8 | 82.2 | 87.0 | 88.6 | 88.3 | 92.1 |
| | 16 years | HIB | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 16 years | Pneumococcus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 16 years | Rotavirus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 16 years | Measles | .. | .. | .. | .. | .. | .. | .. | 93.3 | 91.9 | 94.6 | 91.8 | 91.5 | 89.5 | 88.6 | 88.4 | 89.9 | 93.1 |
| | 16 years | Mumps | .. | .. | .. | .. | .. | .. | .. | 93.3 | 91.9 | 94.6 | 91.8 | 91.5 | 89.5 | 88.6 | 88.5 | 89.9 | 93.1 |
| | 16 years | Rubella | .. | .. | .. | .. | .. | .. | .. | 93.3 | 91.9 | 94.6 | 91.8 | 91.5 | 89.5 | 88.6 | 88.5 | 90.1 | 93.1 |
| | 16 years | HPV-infection | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 69.9 | 76.4 | 80.0 | 76.3 | 84.1 | 84.4 |

CellMark Legend

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Measles, mumps and rubella: starting in 2009, figures are shown per disease.

Vaccination coverage (NHC) - *per cent*

Description

Percentage of children aged 2, 9 and 16 years who have been fully vaccinated against measles, mumps, rubella (MMR), whooping cough (pertussis), diphtheria, tetanus, poliomyelitis, Haemophilus influenzae type b (Hib), Pneumococcus, rotavirus and HPV (human papilloma virus).

An overview of the child immunization program is available on the National Institute of Public Health's website under "Topics: Vaccine." - see the tab "Fact sheets".

Rationale for indicator

Data on vaccination coverage can be helpful when evaluating the infectious disease control status of the population, and the effect of the immunisation programme. When the vaccination coverage is high, there will be limited amounts of infectious agents circulating in the population, and this gives an indirect protection of unvaccinated persons. This is called herd immunity.

Source

Norwegian Institute of Public Health

Collection

Data is collected from the Childhood Vaccination Register (SYSVAK). This register was developed to monitor child vaccination coverage in Norway and has been a part of the Norwegian Institute of Public Health since 1 January 2002. It contributes to ensuring that all children are offered the appropriate vaccines. Community nurses are obliged to register all children's vaccines in the central register.

The receiver of HPV vaccine can deny registration.

Interpretation and sources of error

Vaccination coverage is given as the percentage of children (living in the county per 31.December) who have received all the recommended doses for their age, at the appropriate time, and thereby are considered to have protection against the disease in question. Sources of error can be registration of persons without complete identity number, deficient data update between counties when a child moves, or ICT-problems (communication with the central register or errors in the electronic patient journal system). Such errors will give a too low vaccination coverage.

Data quality

Data quality is generally good for the figures reported in Norhealth. Vaccination of some children can be omitted from the register due to technical errors or incorrect entry of the child's personal identification number. Errors may also occur when a child moves. Vaccination coverage is calculated from the population at a certain date.

When numbers are missing

Statistics based on fewer than 3 vaccinated OR fewer than 3 non-vaccinated children are suppressed (non-disclosable) for privacy protection reasons. If the sample from which the children are obtained totals less than 10, the figures will be suppressed in the interests of preserving the statistical power of statements.

If more than 20 per cent of the figures in a time series are suppressed for privacy protection reasons, the entire time series will be suppressed so as not to create a false impression of the situation in the county.

Time series are likewise suppressed if more than 50 per cent of the figures in the time series are based on 6 or fewer children.

Vaccination coverage (NHC) - *per cent*

Time periods

2002-2018

Geographical level

Country, health regions, counties

Gender

Both genders

For vaccination against HPV the coverage is given for girls 16 years old

Age groups

2 years, 9 years (before 2012: 6 years), 16 years

Frequency of updates

Annually

Last updated

4/3/19

Keywords

Click on a keyword to search for similar indicators.

- Diphtheria
- Haemophilus influenzae
- Hib
- Immunization
- HPV
- Humant papillomavirus
- Lockjaw
- Measles
- MMR
- Mumps
- Pertussis
- Pneumococcus
- Polio
- Poliomyelitis
- Rubella
- Tetanus
- Vaccination
- Vaccination coverage
- Whooping cough

Vaccination coverage (NHC) - *per cent*

- Rotavirus
- Children

Fact sheets

Below are links to relevant fact sheets, articles and reports. These may describe trends over time in the Norwegian population or differences by sex, age group, geographical region or socioeconomic status:

- [Topic: Vaccines and vaccination](#)
- [Childhood Immunisation Programme](#)
- [Why is vaccination so important?](#)