About this release

This publication from Information Services Division provides an annual and quarterly update of immunisation uptake rates for children in Scotland at 12 months, 24 months, five years and six years of age, by NHS Board and local authority.

Vaccination programmes for children in Scotland aim to both protect the individual child from many serious infectious diseases and to prevent the spread of disease within the wider population.

Main Points

- Uptake rates remain high in Scotland.
- Uptake rates by 12 months of age for complete primary courses of immunisation of Pneumococcal Conjugate Vaccine (PCV), MenB vaccine, and the five-in-one vaccine, which protects against; diphtheria, tetanus, pertussis (whooping cough), polio and Haemophilus (Hib), were all 96% or above.

Map of the five-in-one uptake rate (%) by 12 months and MMR uptake rate (%) by 24 months of age in 2017 by NHS Board of residence

Source: Scottish Immunisation & Recall System (SIRS), 12 February 2018
- Uptake of the complete two dose course of rotavirus vaccine by 12 months of age, increased to 93.4%.
- Uptake of completed courses of the five-in-one, PCV and MenB vaccines by 12 months were above 95% in all deprivation categories. Although vaccine uptake was high in the most deprived areas, the rates were slightly lower in these areas compared to the least deprived areas.
- Although uptake rates of the Hib/MenC and PCV booster vaccines by 24 months dropped slightly, rates remained high at 94.8% and 94.6% respectively.
- The national target is for 95% uptake of one dose of the MMR vaccine by five years of age, with a supplementary measure at 24 months. In 2017, annual uptake of one dose of MMR vaccine by 24 months of age decreased slightly to 94.6%. Uptake of one dose by five years of age stayed at 96.8%. Uptake rates of one dose of MMR by five years have remained above the 95% target since 2009.

**Background**

As a public health measure, immunisations are very effective in reducing the burden of disease. The European Region of the World Health Organization (WHO) recommends that on a national basis at least 95% of children are immunised against diseases preventable by immunisation and targeted for elimination or control. These include diphtheria, tetanus, pertussis, polio, Haemophilus influenzae type b (Hib), measles, mumps and rubella. In Scotland a target of 95% uptake of one dose of the Measles, Mumps and Rubella (MMR) vaccine by five years of age (with a supplementary measure at 24 months) was introduced in 2006 to focus efforts on reducing the number of susceptible children entering primary school.

Please see [News and Updates section](#) of our website for more details.

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**Further Information**

Find out more in the [full report](#). The data from this publication is available to download from our [web page](#).

For more information on Immunisations see the [Immunisation section of our website](#). For related topics, please see the [Child Health](#) pages.

The next release of this publication will be in June 2018.

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**ISD and Official Statistics**

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