NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

NICE indicator guidance

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# Indicator NM198

The percentage of children who reached 18 months old in the preceding 12 months, who have received at least 1 dose of MMR between the ages of 12 and 18 months.

# Indicator type

General practice indicator suitable for use in the Quality and Outcomes Framework.

# Rationale

MMR is the combined vaccine that protects against measles, mumps and rubella. These are highly infectious conditions that can have serious complications such as meningitis and encephalitis. The first MMR vaccine (MMR1) is due as part of the routine vaccination schedule for England within a month of the child’s first birthday ([Public Health England](https://www.gov.uk/government/publications/the-complete-routine-immunisation-schedule) 2020).

The indicator supports early vaccination with the first dose of the MMR vaccine according to the routine immunisation schedule. Measurement by 18 months old allows for vaccination deferral due to febrile illness but aims to achieve vaccination against the named acute infectious diseases as early as possible.

# Source guidance

[Immunisations: reducing differences in uptake in under 19s](https://www.nice.org.uk/guidance/ph21) (2009, updated 2017) NICE public health guideline PH21, recommendations 1, 2 and 3.

[Immunizations – childhood](https://cks.nice.org.uk/immunizations-childhood) (2020) NICE clinical knowledge summary

# Specification

Numerator: The number in the denominator who have received at least one dose of MMR between 12 and 18 months old.

Denominator: The number of children who reached 18 months old in the preceding 12 months.

Calculation: (Numerator/denominator) \*100

Exclusions:

* Children with a confirmed anaphylactic reaction to a previous dose of the vaccine.
* Children who are immunocompromised.

Minimum population: The indicator would be appropriate to assess performance at individual general practice level.

# Further information

This is NICE indicator guidance, which is part of the [NICE menu of indicators](https://www.nice.org.uk/Standards-and-Indicators/index). This document does not represent formal NICE guidance.