

Immunization Uptake Prior to Age Two – 2016 Cohort

Population

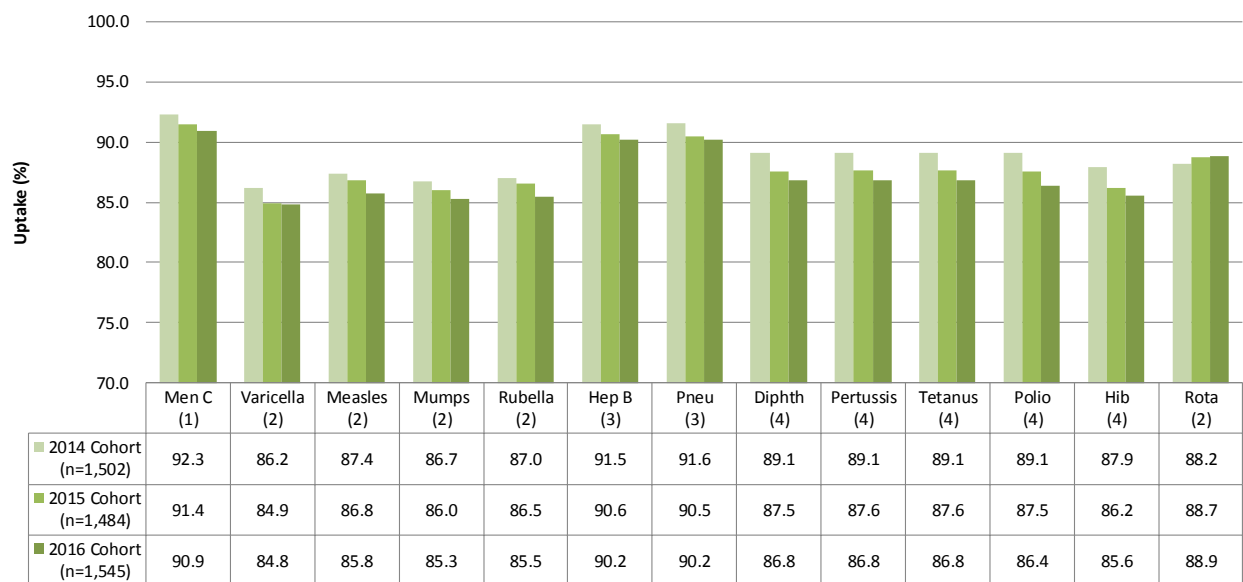
The children included in these analyses are those who were born from January 1 to December 31, 2016. This group is referred to as the “2016 cohort.”

PEI Guidelines

The [PEI immunization guidelines](#) for the 2016 cohort recommend the following vaccine antigens prior to age two: diphtheria (4 doses), tetanus (4 doses), pertussis (4 doses), polio (4 doses), *Haemophilus influenzae* type b (4 doses), hepatitis B (3 doses), measles (2 doses), mumps (2 doses), rubella (2 doses), varicella (2 doses), pneumococcal (3 doses), meningococcal C (1 dose), and rotavirus (2 doses). Through the use of combination vaccine products, the recommended antigens can be administered through a total of 13 immunizations.

Immunization uptake prior to age two is shown by antigen below. Uptake for the 2016 cohort ranged from 84.8% (2 doses of varicella) to 90.9% (1 dose of meningococcal C). Compared to the 2014 and 2015 cohorts, uptake for all antigens was lower in the 2016 cohort, with the exception of rotavirus.

Immunization Uptake by Antigen Prior to Age Two, PEI Guidelines, 2014-2016 Cohorts



(#) Denotes the doses needed

Note

Immunization uptake may be underestimated when immunization coverage of children who resided out of province is not reported to Health PEI Public Health Nursing (PHN). These children may have adequate immunization coverage but will appear to be un- or under-immunized. Within the 2016 cohort, the immunization coverage of almost 40 children was not assessed or recorded by PHN. A process has been implemented to assist PHN to establish immunization services for children who move to PEI.