

Immunization Uptake Prior to Age Two – 2017/18

Population

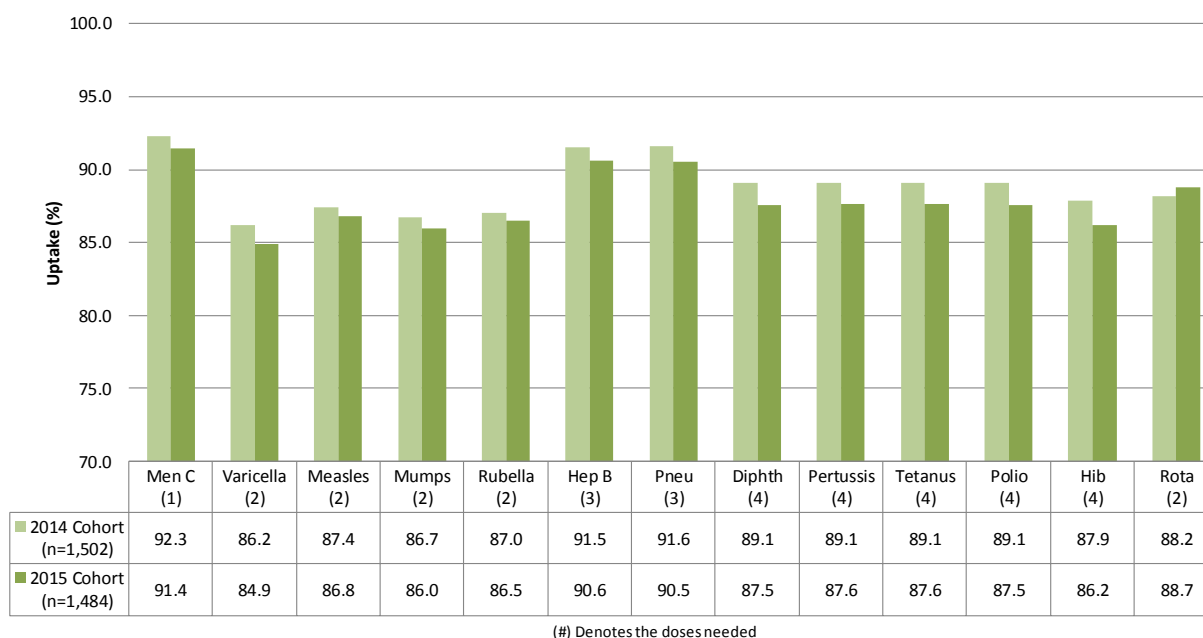
The children included in these analyses are those who were born from January 1 to December 31, 2015. This group is referred to as the “2015 cohort.”

PEI Guidelines

The [PEI immunization guidelines](#) for the 2015 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 2015 cohort ranged from 84.9% (2 doses of varicella) to 91.4% (1 dose of meningococcal C). Compared to the 2014 cohort, uptake for all antigens was slightly lower in the 2015 cohort, with the exception of rotavirus.

Immunization Uptake by Antigen Prior to Age Two, PEI Guidelines, 2014 & 2015 Cohorts



Note

Immunization uptake may be underestimated when immunization coverage of children who resided out of province (OOP) 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. In the 2015 cohort, the immunization coverage of almost 70 children was not assessed or recorded by PHN. A process is being implemented to assist PHN to establish immunization services for children who move to PEI.

Immunization Uptake Prior to Grade 1 Entry – 2017/18

Population

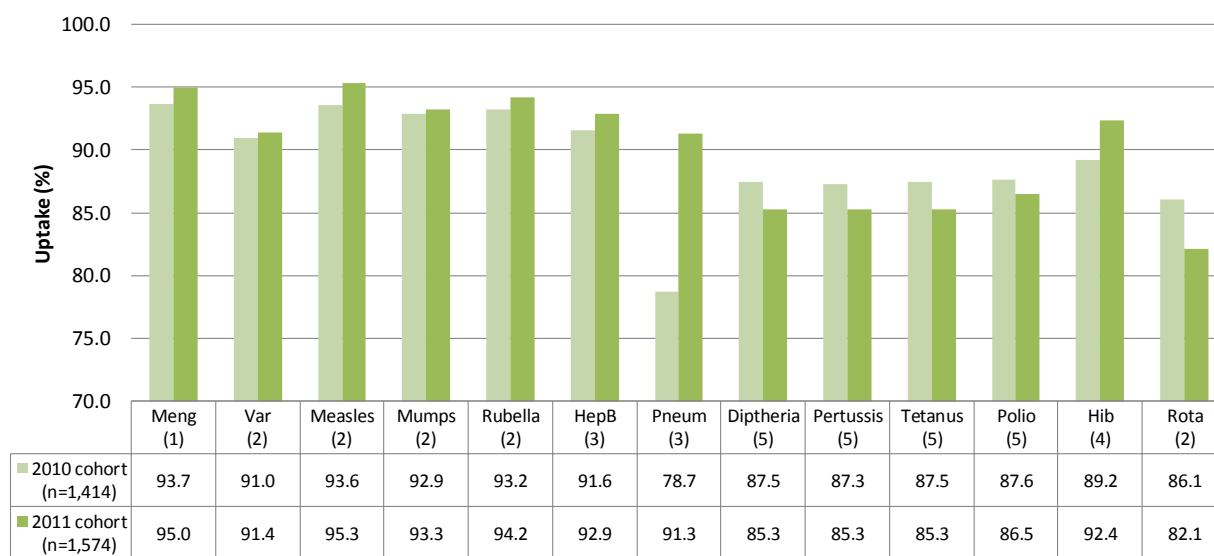
The children included in these analyses are those who were registered in Grade 1 in the 2017/18 school year in PEI. This group is referred to as the “2011 cohort.”

PEI Guidelines

The [PEI immunization guidelines](#) for the 2011 cohort recommend the following vaccine antigens prior to Grade 1 entry: diphtheria (5 doses), tetanus (5 doses), pertussis (5 doses), polio (5 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 14 immunizations.

Immunization uptake prior to Grade 1 entry is shown by antigen below. Uptake in the 2011 cohort ranged from 82.1% (2 doses of rotavirus) to 95.3% (2 doses of measles). Compared to the 2010 cohort, uptake was higher for 8 of the 13 antigens; specifically, meningococcal C, varicella, measles, mumps, rubella, hepatitis B, pneumococcal, and *Haemophilus influenzae* type b (Hib).

Immunization Uptake by Antigen Prior to Grade 1 Entry, PEI Guidelines, 2010 & 2011 Cohorts



(#) Denotes the doses needed

Note

Immunization uptake may be underestimated when immunization coverage of children who resided out of province (OOP) is not reported to Health PEI Public Health Nursing. These children may have adequate immunization coverage but will appear to be un- or under-immunized. In the 2011 cohort, the immunization coverage of almost 50 children was not assessed or recorded by Public Health Nursing. A process is being implemented to assist PHN to establish immunization services for children who move to PEI.

Immunization Uptake in Grade 6 – 2017/18

Population

The children included in these analyses are those who were registered in Grade 6 in the 2017/18 school year in PEI.

PEI Guidelines

The [PEI immunization guidelines](#) recommend HPV (human papillomavirus) vaccination (2 doses) for children in Grade 6.

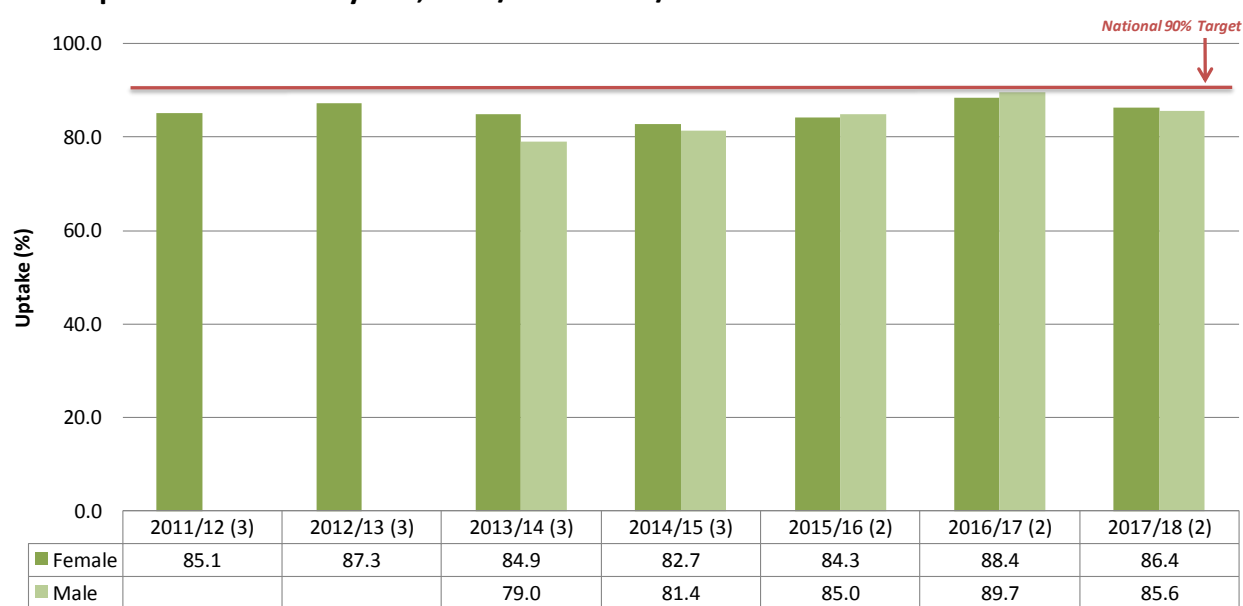
National Vaccination Coverage Goals

The national vaccination coverage goals outlined in the National Immunization Strategy are used as the benchmark by which PEI immunization uptake in Grade 6 is judged. The national goals indicate that by 2025, 90% of children should receive the required doses of the HPV vaccine (per the provincial or territorial schedule) by their 17th birthday.¹

Immunization Uptake in Grade 6

Immunization uptake among PEI students in Grade 6 is shown below. HPV vaccine uptake in the 2017/18 school year was 86.4% for female students and 85.6% for male students. Compared to the 2016/17 school year, uptake was lower for both females and males.

HPV Uptake in Grade 6 by Sex, 2011/12 to 2017/18



(#) Denotes the doses needed

References

1. Canada, P. H. A. of. Vaccination Coverage Goals and Vaccine Preventable Disease Reduction Targets by 2025. *aem* (2017). Available at: <https://www.canada.ca/en/public-health/services/immunization-vaccine-priorities/national-immunization-strategy/vaccination-coverage-goals-vaccine-preventable-diseases-reduction-targets-2025.html>. (Accessed: 4th May 2018)

Immunization Uptake in Grade 9 – 2017/18

Population

The children included in these analyses are those who were registered in Grade 9 in the 2017/18 school year in PEI.

PEI Guidelines

The [PEI immunization guidelines](#) recommend two immunizations for children in Grade 9: Tdap (tetanus, diphtheria, and pertussis) (1 dose), and meningococcal A, C, Y and W-135 conjugate (1 dose).

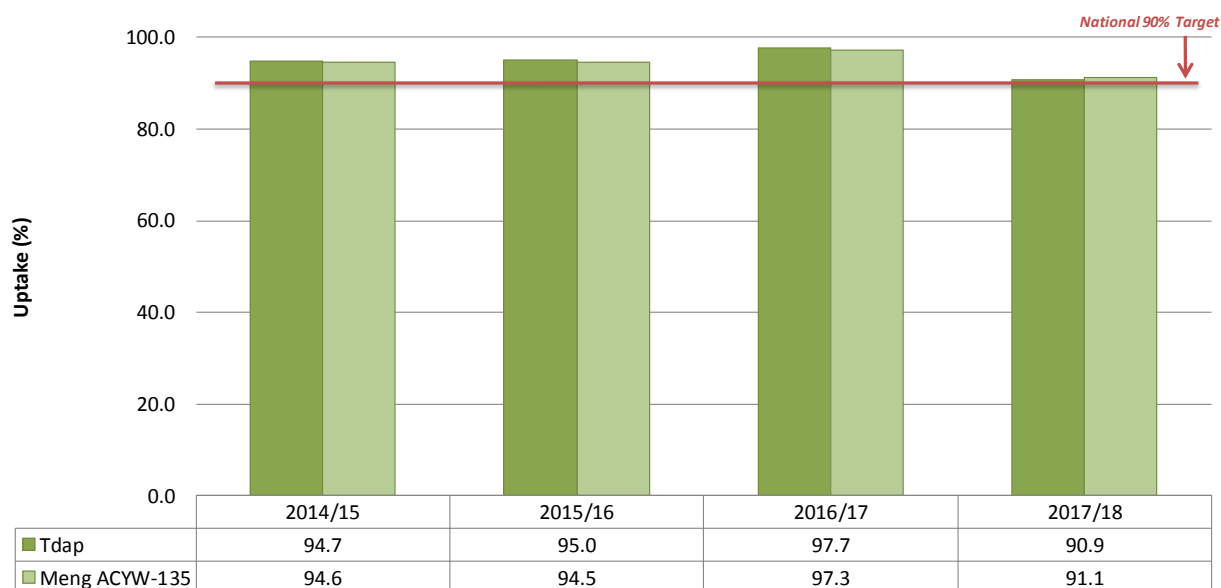
National Vaccination Coverage Goals

The national vaccination coverage goals outlined in the National Immunization Strategy are used as the benchmark by which PEI immunization uptake in Grade 9 is judged. The national goals indicate that by 2025, 90% of children should receive adolescent meningococcal conjugate (1 dose) and Tdap (1 dose) by their 17th birthday.¹

Immunization Uptake in Grade 9

Immunization uptake among PEI students in Grade 9 is shown below. Uptake in the 2017/18 school year was 91.1% for meningococcal A, C, Y and W-135 conjugate and 90.9% for Tdap. Immunization uptake exceeded the national target of 90% for both vaccines. Compared to the three previous school years, uptake was slightly lower for both vaccines.

Tdap and Meningococcal ACYW-135 Uptake in Grade Nine, 2014/15 to 2017/18



References

1. Canada, P. H. A. of. Vaccination Coverage Goals and Vaccine Preventable Disease Reduction Targets by 2025. *aem* (2017). Available at: <https://www.canada.ca/en/public-health/services/immunization-vaccine-priorities/national-immunization-strategy/vaccination-coverage-goals-vaccine-preventable-diseases-reduction-targets-2025.html>. (Accessed: 4th May 2018)