

## Female Students in Grades 6 and 9 Who Received their First Dose of HPV Vaccine British Columbia, 2008-2010

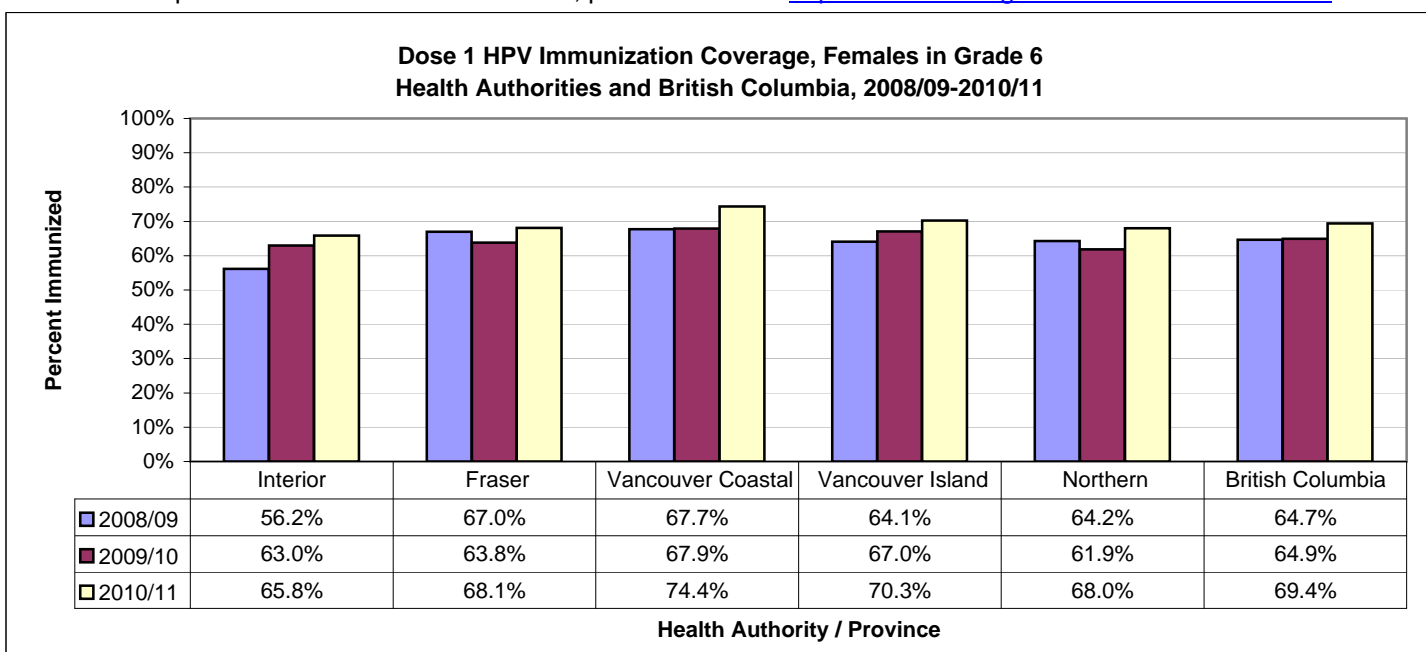
Data for the 2008/09, 2009/10 and 2010/11 school years were submitted either as summary information via fax or e-mail, or entered into the iPHIS immunization registry by the Health Authorities. Data were compiled by Epidemiology Services, BC Centre for Disease Control.

### Definition:

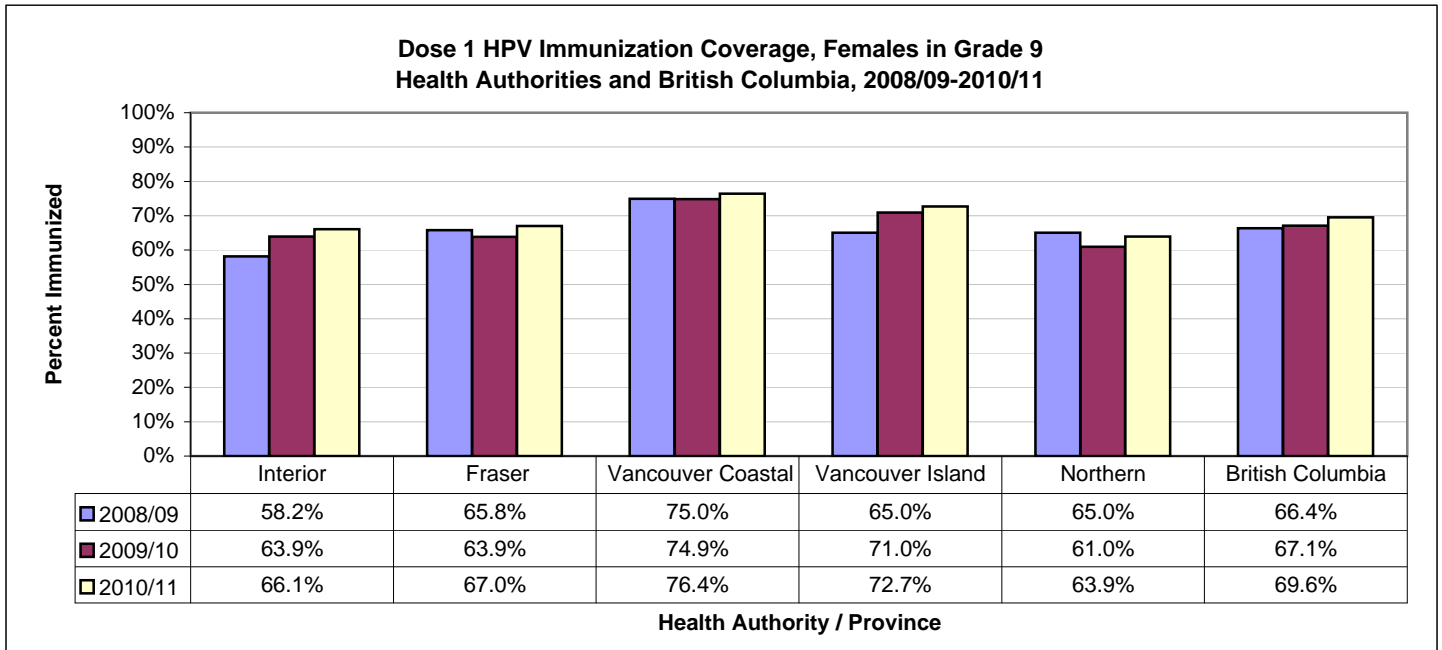
Dose 1 HPV immunization coverage: the proportion of female students enrolled in grades 6 and 9 who received their first dose of human papillomavirus (HPV) vaccine by April 1, 2009 (for the 2008/09 school year), March 10, 2010 (for the 2009/10 school year) and December 21, 2010 (for the 2010/11 school year).

### Notes:

- The HPV vaccine has a 3-dose schedule with dose 2 given two months after dose 1. In 2008/09 and 2009/10 the dose 3 was given six months after dose 2. Starting in 2010/11 grade 6 students will be offered dose 3 sixty months after dose 2; grade 9 students will still receive dose 3 six months after dose 2. For more information on the extended HPV schedule for grade 6 students, visit: <http://www.immunizebc.ca/ImmVacPrevDis/hpv/HPVExtendedScheduleQandA.htm>  
These data only include the first dose of HPV vaccine. Final results on completion of the 3-dose HPV series for 2008/09 and 2009/10 are available at: <http://www.bccdc.ca/imm-vac/BCImmunizationCov/schoolagecoverage/default.htm>  
Results for the completion of the 2- or 3-dose HPV series for the 2010/11 school year will be available in the fall of 2011.
- Two sources of numerator data (number of female students immunized) were used, based on the best available information within each Health Authority:
  - The number of females who received at least 1 dose of HPV vaccine, according to records entered into the iPHIS immunization registry. Grade levels were inferred based on year of birth.
  - The number of female students immunized in Grades 6 and 9, according to Health Authority records (class lists or PARIS extracts).
- Two sources of denominator data (number of female students enrolled in grades 6 and 9) were used.
  - When iPHIS numerator data were used, the denominators were estimates of the numbers of girls enrolled in grades 6 and 9, based on school enrollment data provided by the BC Ministry of Education.
  - When the numerator data were from Health Authority records, the denominators were also from the Health Authority records (class lists or PARIS extracts).
- For an explanation of BC Health Authorities, please visit: <http://www.health.gov.bc.ca/socsec/index.html>



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**Summary:**

Dose 1 HPV immunization coverage among Grade 6 girls in British Columbia increased from 64.7% in 2008/09 to 69.4% in 2010/11. Dose 1 HPV immunization coverage among Grade 6 girls increased in all Health Authorities over the first three years of the HPV immunization program. Coverage rates and trends varied by Health Authority.

Dose 1 HPV immunization coverage among Grade 9 girls in British Columbia increased from 66.4% in 2008/09 to 69.6% in 2010/11. Dose 1 HPV immunization coverage among Grade 9 girls increased in four of the five Health Authorities over the first three years of the HPV immunization program. Coverage rates and trends varied by Health Authority.