

Canada: Vaccine Doses in Childrens' 2017 Routine Schedules—Prenatal to Age 18



A total of 19 different vaccines are used for Canadian children

There are 14 vaccines used in All Provinces:

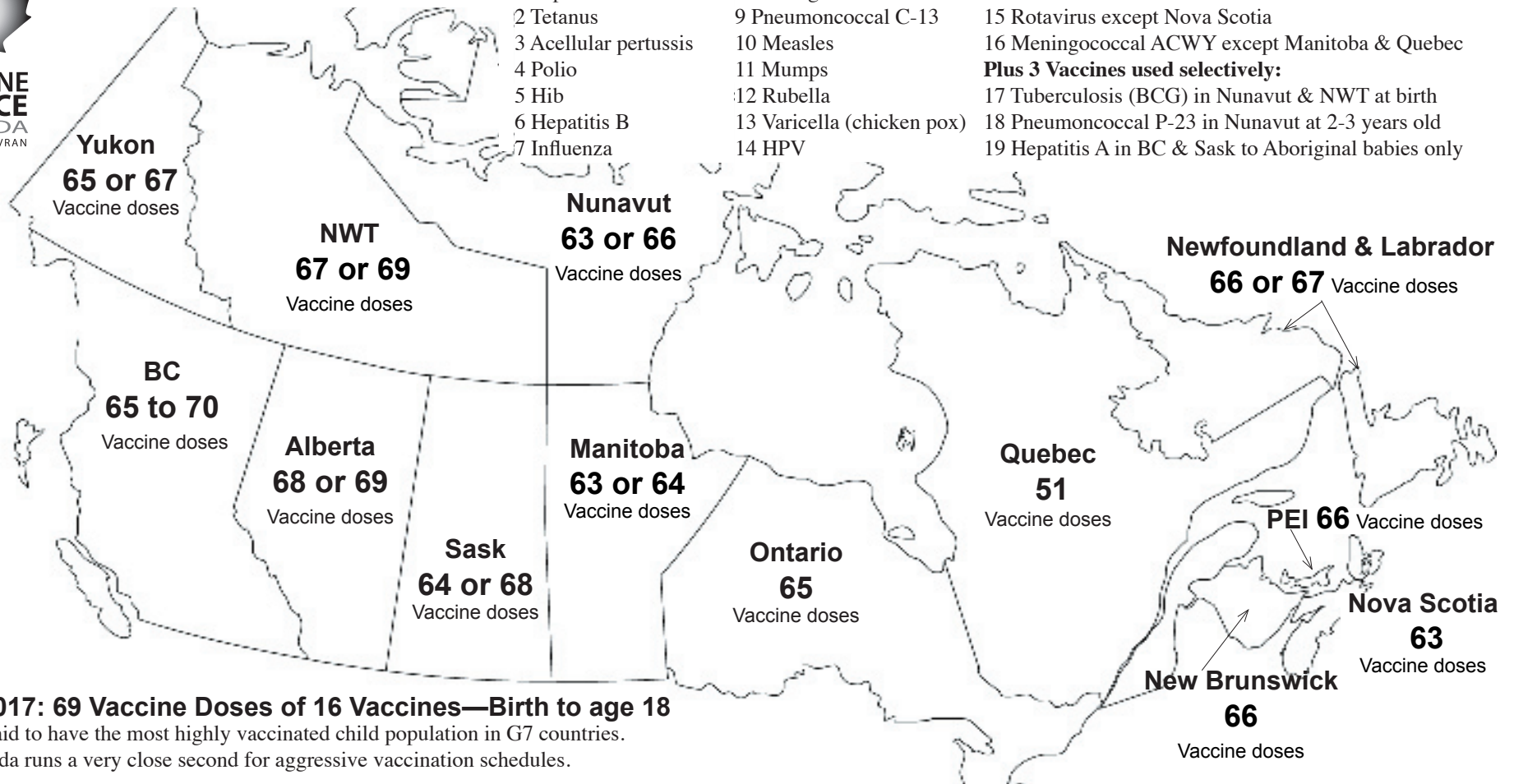
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|-----------------------|----------------------------|
| 1 Diphtheria | 8 Meningococcal C |
| 2 Tetanus | 9 Pneumococcal C-13 |
| 3 Acellular pertussis | 10 Measles |
| 4 Polio | 11 Mumps |
| 5 Hib | 12 Rubella |
| 6 Hepatitis B | 13 Varicella (chicken pox) |
| 7 Influenza | 14 HPV |

Plus 2 Vaccines used in Most Provinces:

- 15 Rotavirus except Nova Scotia
- 16 Meningococcal ACWY except Manitoba & Quebec

Plus 3 Vaccines used selectively:

- 17 Tuberculosis (BCG) in Nunavut & NWT at birth
- 18 Pneumococcal P-23 in Nunavut at 2-3 years old
- 19 Hepatitis A in BC & Sask to Aboriginal babies only



USA 2017: 69 Vaccine Doses of 16 Vaccines—Birth to age 18

USA is said to have the most highly vaccinated child population in G7 countries. But Canada runs a very close second for aggressive vaccination schedules.

NOTES

Difference in number of vaccine doses are based on gender and/or ethnicity:

HPV vaccines: NWT, Nunavut, Saskatchewan, Yukon—girls only. BC inoculates some boys as well as all girls. All other provinces inoculate both girls & boys.

Pneu C-13 Vaccine: Alberta, Manitoba and NF&L give Aboriginal babies 1 extra dose **HepA Vaccine:** Aboriginal babies only—BC 3 doses, Sask 2 doses.

Fewest Doses: Quebec gives the fewest vaccine doses (51) as no annual influenza program is in place for children over 2 yrs old. This is likely a monetary decision since Quebec is the only province in Canada with a vaccine-injury compensation program. Under the USA compensation program, influenza vaccine injuries have received the most number of compensations due to universal annual vaccinations.

Most Doses: BC potentially gives the most vaccines since Aboriginal babies receive 3 doses of HepA. Aboriginal girls and some Aboriginal boys receive 70 doses.

Informed Consent: Saskatchewan limits Mature Minor Consent/Refusal to vaccinations to 13–17 year olds. All other provinces place no age limit on Mature Minor Consent/Refusal overriding parental Consent/Refusal. Rather they leave it up to the health professional to assess ability of any age child to understand risks/benefits