

Canada: Vaccine Doses in Childrens' 2020 Routine Schedules—Prenatal to Age 18



A total of 20 different vaccines are used for Canadian children

There are 15 vaccines used in All Provinces:

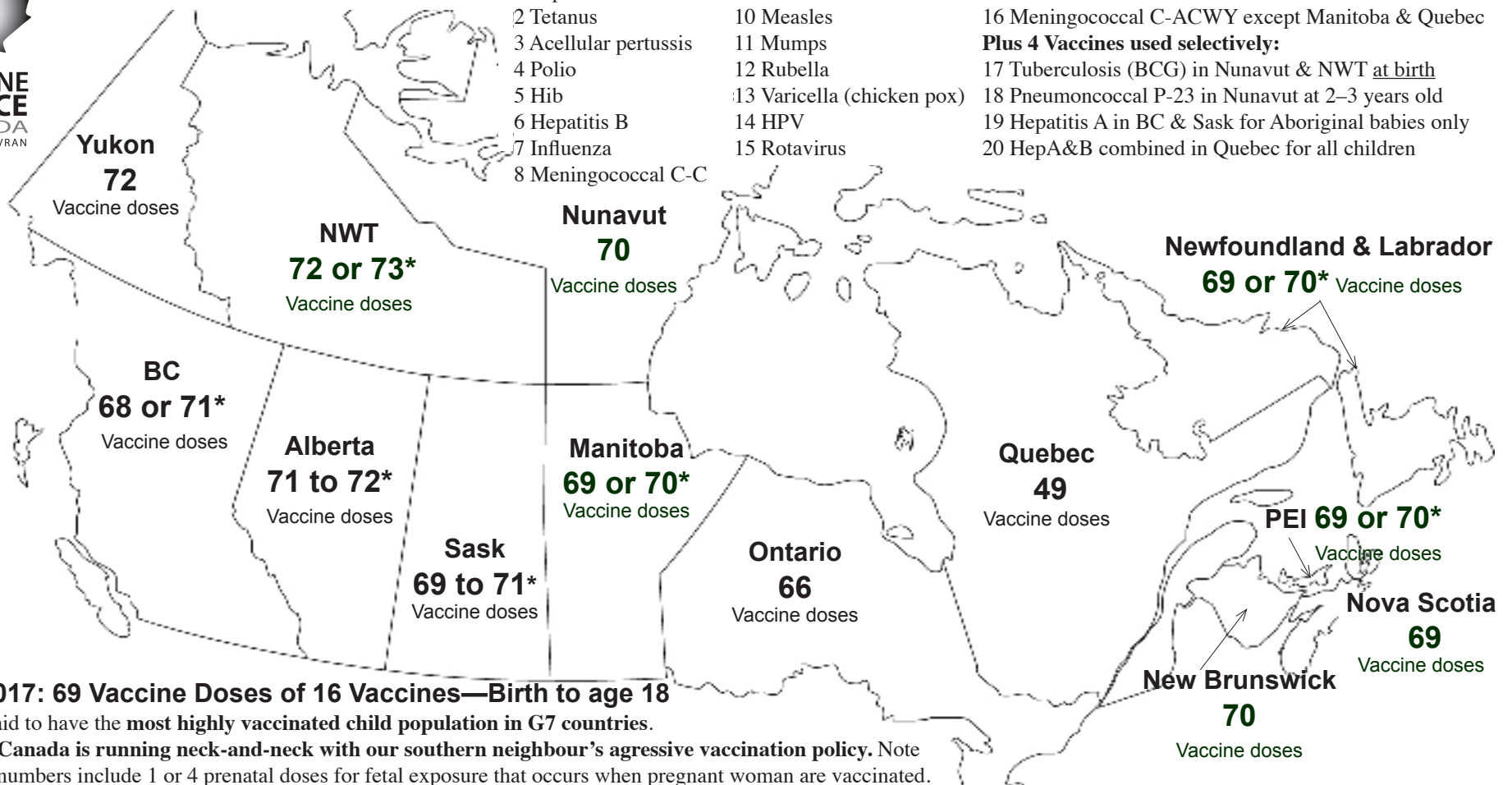
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|-----------------------|----------------------------|
| 1 Diphtheria | 9 Pneumococcal C-13 |
| 2 Tetanus | 10 Measles |
| 3 Acellular pertussis | 11 Mumps |
| 4 Polio | 12 Rubella |
| 5 Hib | 13 Varicella (chicken pox) |
| 6 Hepatitis B | 14 HPV |
| 7 Influenza | 15 Rotavirus |
| 8 Meningococcal C-C | |

Plus 1 Vaccine used in Most Provinces:

- 16 Meningococcal C-ACWY except Manitoba & Quebec

Plus 4 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 for Aboriginal babies only
 20 HepA&B combined in Quebec for all children



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.

In 2020, Canada is running neck-and-neck with our southern neighbour's aggressive vaccination policy. Note our dose numbers include 1 or 4 prenatal doses for fetal exposure that occurs when pregnant woman are vaccinated.

NOTES

*Difference in number of vaccine doses are based on Ethnicity or risk status as follows:

1) BCG (TB vaccine) given at birth only to Aboriginal newborns in NWT, 2) Pneu C-13 Vaccine: Alberta, Manitoba, PEI and NF&L give Aboriginal or High Risk babies 1 extra dose, 3) HepA Vaccine: Aboriginal babies only—BC 3 doses, Sask 2 doses.

Fewest Doses: Quebec gives the fewest vaccine doses (49) of any province. This is likely a monetary decision since Quebec is the only province in Canada with a vaccine-injury compensation program. They have the most unique routine childhood schedule with 1) NO influenza vaccines, 2) NO MenC-ACWY, 3) Td as adolescent booster (no pertussis), 4) Men C-10 (not Men C-13 or 23) and HepA+B for all children.

Most Doses: NWT, Yukon and Alberta, followed closely by the other provinces and territories. Excluding Quebec, the range is from 66 to 73 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 provinces leave it up to the health professional to assess ability of any age child to understand risks/benefits of vaccination for Consent/Refusal purposes.