




# compares Nunavut Vaccine Schedules

<b>1983 TOTAL PreSchool 22 Vaccines</b> In 6 Injections & 4 oral doses		AGE	<b>2017 TOTAL PreSchool 49 Vaccines</b> In 23 Injections	
		Prenatal		
			Number Vaccines	
∅		<b>BIRTH</b>	1	<b>Influenza Vaccine</b> in routine schedule for pregnant women.
		1 month	2	<b>HepB &amp; BCG</b> (tuberculosis)
		2 Months	1	<b>HepB</b> (2nd dose)
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio, live virus vaccine	4		6	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Pneumococcal C-13</b>
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio live virus vaccine	4	4 Months	6	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Pneumococcal C-13</b>
<b>DPT:</b> 3 vaccines in 1 shot	3	6 Months	8	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Pneumococcal C-13</b> <b>Influenza</b> 2 doses 4 weeks apart
∅		9 months	1	<b>HepB</b> (3rd dose)
		12 Months	4	<b>MMR</b> 3 live virus vaccines in 1 shot <b>Meningococcal C-C</b>
<b>MMR:</b> 3 live virus vaccines in 1	3	15 Months	2	<b>Pneu C-13 &amp; Varicella</b> (Chickenpox)
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio live virus vaccine	4	18 Months	9	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>MMR</b> 3 live virus vaccines in 1 shot <b>Influenza</b> (1st Annual dose)
∅		3 Yr	2	<b>Influenza</b> (Annual dose in Fall) <b>Pneu-P 23</b>
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio live virus vaccine	4	4-6 Yr	7	<b>DTaP-IPV</b> 4 vaccines in 1 shot <b>Influenza</b> (3 Annual doses, 1 each Fall)
	<b>22</b>		<b>Total</b>	<b>49</b>



By the time your child graduates from high school, they will have received an additional 14 or 17 doses:

- 11 annual Influenza vaccines, and
- 3 doses HPV (girls) Grade 6,
- Tdap (3-in-1 shot) in Grade 9

**TOTAL Grade School & High School in 2017**  
Girls: 17 Vaccines  
Boys: 14 Vaccines

**2017 GRAND TOTAL: Prenatal to Age 18**  
63 or 66 doses of 15 or 16 Vaccines

## Did you know vaccination is VOLUNTARY in Canada?

As Health Canada explained years ago: "Unlike some countries, immunization is not mandatory in Canada; it cannot be made mandatory because of the Canadian Constitution...legislation and regulations must not be interpreted to imply compulsory immunization."

—Immunization in Canada, Volume: 23S4, May 1997, [Canadian National Report on Immunization](#)

## LEGEND

### Vaccines used in the 1983 Nunavut schedule

Note: All 3 of these vaccines have since been withdrawn from the market due to safety concerns.

**DPT:** diphtheria, whole cell pertussis, tetanus vaccine  
3 vaccine combination

**OPV:** oral, live virus polio vaccine

**MMR:** measles, mumps (Urabe strain), rubella vaccine  
3 live virus vaccine combination

### Vaccines used in the 2017 Nunavut schedule

**\*BCG** live bacterial vaccine for tuberculosis, BCG Japan

**DTaP-IPV-Hib:** 'whooping cough' vaccine

5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib (Haemophilus Influenzae B) vaccines  
(Note: Hib is a bacterial infection, not related to influenza)  
• Pediacel<sup>TM</sup> or Infanrix-IPV/Hib<sup>®</sup>

**DTap-IPV:** 4 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis and polio vaccines  
• Infanrix<sup>TM</sup>-IPV or Quadracel<sup>®</sup>

**Hepatitis B (HB):** virus vaccine,  
• Engerix<sup>®</sup>-B or Recombivax HB<sup>®</sup> (pediatric doses)

**HPV:** Human papillomavirus vaccine, girls only  
• Gardasil 4<sup>TM</sup>

**Influenza (Inf):** annual Flu shot, quadrivalent vaccine  
• Fluzone<sup>®</sup> Quadrivalent

**\*MMR:** measles, mumps, rubella, MMRII<sup>®</sup> or Priorex<sup>®</sup>  
3 live virus combination vaccine

**Men-C:** Meningococcal serotype C vaccine  
• Menjugate<sup>®</sup> or NeisVac-C<sup>®</sup>

**\*MMR:** measles, mumps, rubella,  
4 live virus combination vaccine

**Pneu C-13:** pneumococcal vaccine, 13 serotypes,  
• Prevnar 13

**Pneu P-23:** pneumococcal vaccine, 23 serotypes  
• Pneumovax<sup>®</sup>23

**Tdap:** 3 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis, Grade 8 routine booster  
• Adacel<sup>®</sup> or Boostrix<sup>®</sup>

**\*Varicella:** chickenpox live virus vaccine

**\*Live virus vaccines** can shed for varying amounts of time (weeks to months) in the body fluids of vaccinated people and can be transmitted to others.

*"Little is known about the potential of live attenuated and genetically engineered vaccine viruses to mutate and recombine with other viruses and create new viruses that will cause disease or affect the integrity of the human genome, human microbiome and healthy functioning of the immune and neurological systems."* [NVIC, http://www.nvic.org/cmstemplatess/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf](http://www.nvic.org/cmstemplatess/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf)

### What's In those Vaccines?

In the first 12 months of life, during critical phases of brain and immune system development, your baby will receive 28 doses of complex biochemical vaccine ingredients. We identify some of these substances, such as adjuvants, preservatives and other 'clinically significant' ingredients in the following brands:

#### Example Vaccines received in the first year

1 BCG—BCG Japan  
3 DTaP-IPV-Hib—PediaceI<sup>®</sup>  
1 MMR—MMRII<sup>®</sup> 1 Men-C—Menjugate<sup>®</sup> 2 Inf—Fluzone<sup>®</sup> Quad 3 HepB—EnergiX-B<sup>®</sup> Ped 3 Pneu C-13—Prevnar 13<sup>®</sup>

**BCG** Excipient: Sodium Glutamate

**EnergiX-B** Adjuvant: Aluminum 250mcg X 3 doses = **750mcg**  
Potential Allergens: Yeast protein  
Other: Polysorbate 20, various Sodium salts

#### PediaceI:

Adjuvant: Aluminum 820mcg X 3 doses = **2460mcg**  
Preservative: 2-Phenoxyethanol (PE)  
Potential Allergens: Polymyxin B, Yeast protein, Neomycin, Tetanus toxoid carrier protein

Other: Bovine serum albumin Formaldehyde  
Monkey kidney cell DNA Polysorbate 80

#### Prevnar-13:

Adjuvant: Aluminum 1250mcg X 3 doses = **3750mcg**  
Potential Allergens: Diphtheria toxoid carrier protein  
Other: Polysorbate 20 and 80, Formaldehyde, Lactose

**MMRII** Adjuvant: live vaccine, not necessary  
Potential Allergens: Neomycin, Phenol red, Porcine gelatin  
Residual components of chick embryo cell cultures  
Other: Fetal bovine serum, Contaminants from cell growth medium, Human diploid cells (fetal cells) Recombinant human albumin  
Monosodium L-glutamate monohydrate

#### Menjugate:

Adjuvant: Aluminum 1000mcg X 1 dose = **1000mcg**  
Potential Allergens: Latex, Diphtheria toxoid carrier protein  
Other: various Sodium salts, Mannitol (type of sugar alcohol)

#### Fluzone Quad:

Preservative: Thimerosal (mercury) 25mcg X 2 doses = **50mcg**  
Potential Allergens: Egg protein, Thimerosal  
Other: Formaldehyde, Triton<sup>®</sup> X-100 surfactant, sodium salts

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **7960 micrograms(mcg) of aluminum** and **50 micrograms of mercury**, both of which are known neurotoxins affecting brain development and function. Babies will also be exposed to various animal and human DNA, cell fragments and contaminants. The polysorbate 20/80 & TritonX-100 emulsifiers can cross the blood brain barrier, ferrying any other vaccine ingredients into the brain with them.

Ask your nurse which vaccines they use and then read the eye-opening product monographs. [Product monographs](http://www.vaccines411.ca) are available online at [www.vaccines411.ca](http://www.vaccines411.ca) under the health professionals tab.

The Department of Health provides vaccines throughout Nunavut at community health centres and public health offices. As part of Nunavut's routine immunization program, infants, preschool children and school children receive free immunizations.

General Information on the program is found [here](http://gov.nu.ca/health/information/childhood-immunization): <http://gov.nu.ca/health/information/childhood-immunization>  
Nunavut Schedule