








compares Nunavut Vaccine Schedules

1983 TOTAL PreSchool 22 Vaccine doses In 6 Injections & 4 oral doses		AGE	2020 TOTAL PreSchool 53 Vaccine doses In 24 Injections & 3 Oral doses	
		Prenatal	Number Vaccines	Fetal Exposure: routine schedule for pregnant women
∅			1	Influenza Vaccine
		BIRTH	2	HepB & BCG (tuberculosis)
		1 month	1	HepB (2nd dose)
DPT: 3 vaccines in 1 shot OPV: oral polio, live virus vaccine	4	2 Months 	7	DTaP-IPV-Hib 5 vaccines in 1 shot Pneumococcal C-13 Rotavirus (oral) live virus vaccine
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DPT: 3 vaccines in 1 shot	3	6 Months 	9	DTaP-IPV-Hib 5 vaccines in 1 shot Pneumococcal C-13 Influenza 2 doses 4 weeks apart Rotavirus (oral) live virus vaccine
∅		9 months	1	HepB (3rd dose)
		12 Months 	5	MMRV 4 live virus vaccines in 1 shot Meningococcal C-C
MMR: 3 live virus vaccines in 1	3	15 Months	1	Pneu C-13 (4th dose)
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	18 Months 	10	DTaP-IPV-Hib 5 vaccines in 1 shot MMRV 4 live virus vaccines in 1 shot Influenza (1st Annual dose)
∅		3 Yr	2	Influenza (Annual dose in Fall) Pneumococcal P-23
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	4-6 Yr 	7	DTaP-IPV 4 vaccines in 1 shot Influenza (1 dose Annually each Fall=3 doses)
	22		Total	53



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

- 11 annual Influenza vaccines, and
- 2 doses HPV & Tdap (3-in-1 shot) in Grade 6,
- MenC-ACYW-135 in Grade 9

TOTAL Grade School & High School in 2017
17 Vaccine doses in 15 injections

2020 GRAND TOTAL: Prenatal to Age 18
70 vaccine doses

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Note: All 3 of these vaccines have since been withdrawn from the market due to safety concerns.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 2020 Nunavut schedule

***BCG** live bacterial vaccine for tuberculosis *at birth*

Hepatitis B (HB): virus vaccine *3-doses at birth, 1 & 9 months*
• Engerix[®]-B or Recombivax HB[®] (pediatric doses)

DTaP-IPV-Hib: 'whooping cough' vaccine
5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib (Haemophilus Influenzae B) vaccines
3-doses at 2, 4, & 6 months
• Pediacel[™] or Infanrix-IPV/Hib[®]

DTap-IPV: 4 vaccine combination with diphtheria, tetanus, reduced acellular pertussis and polio vaccines *4-6 yrs booster*
• Infanrix[™]-IPV or Quadracel[®]

HPV: Human papillomavirus vaccine *2-dose Grade 6*
• Gardasil 9[™]

Influenza (Inf): annual Flu shot,
2-doses at 6 months, 1 annual dose thereafter
• Fluzone[®] Quadrivalent

***MMRV:** measles, mumps, rubella, chickenpox
4 live virus combination vaccine at 12 & 18 months
• Priorex Tetra[®] or ProQuad[™]

Men-C: Meningococcal serotype C vaccine *at 12 months*
• Menjugate[®] or NeisVac-C[®]

Men C-ACYW-135: 4 Meningococcal serotypes *Grade 9*
• Menactra[®], Menveo[®] or Nimenrix[®]

Pneu C-13: pneumococcal vaccine, *3-doses at 2, 4, & 6 months*
• Prevnar 13

Pneu P-23: pneumococcal vaccine *at 2-3 years*
• Pneumovax[®] 23

***Rotavirus:** live oral vaccine *at 2, 4, 6 months* • RotaTeq[®]

Tdap: 3 vaccine combination with reduced tetanus, diphtheria, reduced acellular pertussis, *Grade 6 routine booster*
• Adacel[®] or Boostrix[®]

***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/cmstemplates/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 32 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 HepB —Engerix-B [®] Ped
3 DTaP-IPV-Hib —Pediacel [®]	3 Pneu C-13 —Prevnar 13 [®]
3 Rotavirus —RotaTeq [®]	1 MMRV —ProQuad [®]
1 Men-C —Menjugate [®]	2 Influenza —Fluzone [®] Quad

BCG (TB) Excipient: Sodium Glutamate

Other: Polysorbate 80, Latex

Energix-B (HepB)

Adjuvant: **Aluminum** 250mcg X 3 doses = **750mcg**

Potential Allergens: Yeast protein

Other: Polysorbate 20, various Sodium salts

Pediacel (DTaP-IPV-Hib)

Adjuvant: **Aluminum** 1500mcg X 3 doses = **4500mcg**

Excipient: 2-Phenoxyethanol (PE)

Potential Allergens: Polymyxin B, Yeast protein, Neomycin, Tetanus toxoid carrier protein

Prevnar-13 (Pneumococcal)

Adjuvant: **Aluminum** 125mcg X 3 doses = **375mcg**

Potential Allergens: Diphtheria CRM₁₉₇ toxoid carrier protein

Other: Polysorbate 80, Sodium chloride, Succinic acid

RotaTeq (Rotavirus) Other: DNA fragments from porcine

circoviruses 1 and 2, Fetal bovine serum, Polysorbate 80,

Residual protein from cell culture

ProQuad (MMRV)

Potential Allergens: Neomycin, animal gelatin, Residual components of chick embryo cell cultures

Other: Human fetal cell DNA fragments, Human albumin, Urea, Monosodium L-glutamate, Sucrose, Sorbitol

Menjugate (Meningococcal)

Adjuvant: **Aluminum** 1000mcg X 1 dose = **1000mcg**

Potential Allergens: Latex, Diphtheria CRM₁₉₇ toxoid protein

Other: Disodium phosphate heptahydrate, Mannitol, Sodium chloride, Sodium dihydrogen phosphate monohydrate

Fluzone Quad (Influenza)

Preservative: **Multidose vials only, not in single prefilled syringes**

Thimerosal <25mcg **mercury** X 2 doses = **<50mcg**

Potential Allergens: Egg protein, Thimerosal

Other: Formaldehyde, Triton[®] X-100, Sodium phosphate-buffered, isotonic sodium chloride solution

Potential Allergens: Egg protein, Thimerosal

Other: Formaldehyde, Triton[®] X-100 surfactant, sodium salts

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **6625 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 linked above. All [Product monographs](#) are available online at 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 2020 Update