











1983 TOTAL PreSchool 22 Vaccine doses In 6 Injections & 4 oral doses		AGE	2020 TOTAL PreSchool 53 Vaccine doses In 21 Injections & 3 oral doses	
	Number Vaccines	Prenatal 	Number Vaccines 4	Fetal Exposure: routine schedule for pregnant women Influenza Vaccine Tdap Vaccine 3 vaccines in 1 shot
NO pre-natal or at birth vaccines		Birth	1	HepB
DPT: 3 vaccines in 1 shot OPV: oral polio, live virus vaccine	4	2 Months 	8	HepB DTaP-IPV-Hib 5 vaccines in 1 shot Pneumococcal C-13 Rotavirus (oral) live virus vaccine
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	4 Months 	7	DTaP-IPV-Hib 5 vaccines in 1 shot Pneumococcal C-13 Rotavirus (oral) live virus vaccine
DPT: 3 vaccines in 1 shot	3	6 Months 	8	HepB DTaP-IPV-Hib 5 vaccines in 1 shot Influenza 2 doses 4 weeks apart Rotavirus (oral) live virus vaccine
∅		12 Months 	7	MMRV 4 live virus vaccines in 1 shot Pneumococcal C-13 Meningococcal C-C
MMR: 3 live virus vaccines in 1 shot at 15 months	3	18 Months 	10	DTaP-IPV-Hib 5 vaccines in 1 shot MMRV 4 live virus vaccines in 1 shot: Influenza (1st Annual dose)
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	3 Yr 	1	Influenza (Annual dose in Fall)
∅		4-6 Yr 	7	Tdap-IPV 4 vaccines in 1 shot Influenza (1 dose Annually each Fall=3 doses)
DPT: 3 vaccines in 1 shot OPV: oral polio	4	Total 22	Total 53	



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

- Grade 7: 2 doses HPV and Tdap (3-in-1 shot)
- Grade 9: Men C-ACWY [and Varicella Booster if born between 2000 and 2008]
- 11 annual Influenza vaccines

TOTAL Grade School & High School in 2020
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 New Brunswick 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Note: All 3 of these vaccines have since been withdrawn from the market due to safety concerns.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 New Brunswick schedule

DTaP-IPV-Hib: 'whooping cough' vaccine

5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib vaccines

4 doses given at 2, 4, 6 and 18 months

- Pediacel™

Tdap-IPV: 4 vaccine combination with tetanus, reduced diphtheria and acellular pertussis, polio 4-6 year booster

- Adacel® Polio

Tdap: 3 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis, Grade 7 booster

- Adacel®

Hepatitis B (HB): virus vaccine 3 doses at birth, 2 and 6 months

- Engerix®-B or Recombivax HB®

HPV: Human papillomavirus vaccine 2 doses in Grade 7

- Gardasil™9 (9-valent)

Influenza: annual Flu shot, quadrivalent vaccine

2 doses at 6 months, annually thereafter

- Flulaval® Tetra or Fluzone® Quadrivalent

Men-C: Meningococcal serotype C vaccine at 12 months

- Menjugate® or NeisVac-C®

Men C-ACYW-135: 4 Meningococcal serotypes, Grade 9

- Menveo® or Menactra®

***MMRV:** measles, mumps, rubella, varicella (chickenpox)

4 live virus combination vaccine, at 18 months

- Priorex Tetra®

Pneu C-13: pneumococcal vaccine, at 2, 4 & 12 months

- Prevnar 13®

***Rotavirus: live virus** oral vaccine, at 2, 4 & 6 months

- RotaTeq™ (3 doses)

***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 at <http://www.nvic.org/cmstemplates/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf>

New Brunswick Public Health provides school vaccinations. Private practitioners provide most pre-school vaccinations. [Consent of patient/guardian](#) (see page 6) is required to collect or disclose personal health records under the Privacy Act.

A complete guide to the [New Brunswick Immunization Program](#) is available. It includes the following information.

- **Immunization Exemption Forms** for entry to both [Daycare](#) and [School](#) are available for download. These will change if new rules are implemented in 2019 or 2020.

- Complete list of [Reportable Adverse Events](#) (AEFIs). Scroll down to pages 8–15. All possible events are listed 8a through 8d.

An [Adverse Event Report Form](#) is also available on-line.

New Brunswick 2020 Update

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 31 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

3 HepB —Engerix®-B	3 Rotavirus —RotaTeq™
3 DTaP-IPV-Hib —Pediacel®	1 Men-C —Menjugate®
3 Pneu C-13 —Prevnar 13®	1 MMRV —Priorex Tetra™
2 Influenza —Flulaval® Tetra	

Energix-B (HepB)

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

Potential Allergens: Yeast protein

Other: Polysorbate 20, various Sodium salts

RotaTeq (Rotavirus)

Other: DNA fragments from porcine circoviruses 1 & 2, Fetal bovine serum, Polysorbate 80, Residual protein from cell culture

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

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

Prevnar-13 (Pneumococcal)

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

Potential Allergens: Diphtheria CRM₁₉₇ toxoid carrier protein

Other: Polysorbate 80, Sodium chloride, Succinic acid

Priorex-Tetra (MMRV)

Potential Allergens: Neomycin, bovine gelatin, egg protein

Residual components of chick embryo cell cultures

Other: Human fetal cell DNA fragments, Amino acids, Lactose, Mannitol, Sorbitol

Flulaval® Tetra (Influenza)

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

Potential Allergens: Egg protein, Thimerosal

Other: Formaldehyde

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **6625 micrograms(mcg) of aluminum** and almost **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 the nurse or doctor 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.

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