










<b>1983</b> TOTAL PreSchool 22 Vaccines In 6 Injections & 4 oral doses		AGE	<b>2019</b> TOTAL PreSchool 53 Vaccines In 21 Injections & 3 oral doses	
	Number Vaccines		Number Vaccines	<b>Influenza and Tdap Vaccines</b> in routine schedule for pregnant women
NO pre-natal or at birth vaccines		<b>Birth</b>	1	<b>HepB</b>
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio, live virus vaccine	4	<b>2 Months</b> 	8	<b>HepB</b> <b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Pneumococcal C-13</b> <b>Rotavirus (oral)</b> live virus vaccine
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio live virus vaccine	4	<b>4 Months</b> 	7	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Pneu C-13</b> <b>Rotavirus (oral)</b> live virus vaccine
<b>DPT:</b> 3 vaccines in 1 shot	3	<b>6 Months</b> 	8	<b>HepB</b> <b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>Influenza</b> 2 doses 4 weeks apart
∅		<b>12 Months</b> 	7	<b>MMRV</b> 4 live virus vaccines in 1 shot <b>Pneu C-13</b> <b>Meningococcal C-C</b> <b>Rotavirus (oral)</b>
<b>MMR:</b> 3 live virus vaccines in 1 shot at <b>15 months</b>	3	<b>18 Months</b> 	10	<b>DTaP-IPV-Hib</b> 5 vaccines in 1 shot <b>MMRV</b> 4 live virus vaccines in 1 shot: <b>Influenza</b> (1st Annual dose)
<b>DPT:</b> 3 vaccines in 1 shot <b>OPV:</b> oral polio live virus vaccine	4	<b>3 Yr</b>	1	<b>Influenza</b> (Annual dose in Fall)
∅		<b>4-6 Yr</b> 	7	<b>dtap-IPV</b> 4 vaccines in 1 shot <b>Influenza</b> (3 Annual doses, 1 each Fall)
<b>Total</b> <b>22</b>			<b>Total</b> <b>53</b>	



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), and
- 11 annual Influenza vaccines.

**TOTAL Grade School & High School in 2019**  
**18 Vaccines in 16 Injections**

**2019 GRAND TOTAL: Prenatal to Age 18**  
**70 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 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Note: All 3 of these vaccines have since been withdrawn from the market due to safety concerns.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 2019 New Brunswick schedule

**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™

**Hepatitis B (HB):** virus vaccine,

- Engerix®-B or Recombivax HB®

**HPV:** Human papillomavirus vaccine,

- Gardasil™9 (9-valent)

**Influenza:** annual Flu shot, quadrivalent vaccine

- Flulaval® Tetra or Fluzone® Quadrivalent

**Men-C:** Meningococcal serotype C vaccine

- Menjugate® or NeisVac-C®

**Men C-ACYW-135:** 4 Meningococcal serotypes,

- Menveo® or Menactra®

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

4 live virus combination vaccine

- Priorex Tetra®

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

- Prevnar 13®

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

- Adacel®

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

- Adacel® Polio

\***Rotavirus: live virus** oral vaccine,

- 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 as 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 Schedule

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

Potential Allergens: Yeast protein

Other: Polysorbate 20, various Sodium salts

**RotaTeq:** DNA from porcine circoviruses, trace amounts of fetal bovine serum, Polysorbate 80, cell growth medium contaminants

**Pediacel (DTaP-IPV-Hib):**

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

**Menjugate:**

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

Potential Allergens: Latex, Diphtheria toxoid carrier protein

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

**Prevnar-13:**

Adjuvant: Aluminum 1250mcg X 3 doses = **3750mcg**

Potential Allergens: Diphtheria toxoid carrier protein

Other: Polysorbate 20 and 80, Formaldehyde, Lactose

**Priorex Tetra (MMRV):**

Potential Allergens: Neomycin, bovine gelatin, egg protein

Residual components of chick embryo cell cultures

Other: Human fetal cells: MRC-5 cells

Amino acids, Lactose, Mannitol, Sorbitol

**Flulaval® Tetra:**

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

Potential Allergens: Egg protein, Thimerosal

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **7960 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. [Product monographs](#) are available online at [www.vaccines411.ca](http://www.vaccines411.ca) under the health professionals tab.

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