
### 1983
**TOTAL PreSchool**
- **22 Vaccines**
- **In 6 Injections & 4 oral doses**

<table>
<thead>
<tr>
<th>AGE</th>
<th>Number Vaccines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prenatal</td>
<td>0</td>
</tr>
<tr>
<td>2 Months</td>
<td>3</td>
</tr>
<tr>
<td>4 Months</td>
<td>3</td>
</tr>
<tr>
<td>6 Months</td>
<td>3</td>
</tr>
<tr>
<td>12 Months</td>
<td>3</td>
</tr>
<tr>
<td>18 Months</td>
<td>3</td>
</tr>
<tr>
<td>3 Yr</td>
<td>3</td>
</tr>
<tr>
<td>4–6 Yr</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>22</td>
</tr>
</tbody>
</table>

**Number of Vaccines: 22**

### 2017
**TOTAL PreSchool**
- **44 Vaccines**
- **In 21 Injections**

<table>
<thead>
<tr>
<th>AGE</th>
<th>Number Vaccines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prenatal</td>
<td>1 Influenza Vaccine in routine schedule for pregnant women.</td>
</tr>
<tr>
<td>2 Months</td>
<td>6 D'TaP-IPV-Hib 5 vaccines in 1 shot</td>
</tr>
<tr>
<td>4 Months</td>
<td>6 Pneumococcal C-13</td>
</tr>
<tr>
<td>6 Months</td>
<td>7 Influenza 2 doses 4 weeks apart</td>
</tr>
<tr>
<td>12 Months</td>
<td>6 MMRV 4 live virus vaccines in 1 shot</td>
</tr>
<tr>
<td>18 Months</td>
<td>10 Meningococcal C-C</td>
</tr>
<tr>
<td>3 Yr</td>
<td>1 Influenza (Annual dose in Fall)</td>
</tr>
<tr>
<td>4–6 Yr</td>
<td>7 Influenza (3 Annual doses, 1 each Fall)</td>
</tr>
<tr>
<td>Total</td>
<td>44</td>
</tr>
</tbody>
</table>

**Number of Vaccines: 44**

By the time your child graduates from high school, they will have received an additional 19 vaccines:
- 11 annual Influenza vaccines, and
- 2 doses HPV, 2 doses of HepB, Tdap (3-in-1 shot) and Men C-ACWY in Grade 7.

**TOTAL Grade School & High School in 2017**
- **19 Vaccines in 17 Injections**

**2017 GRAND TOTAL: Prenatal to Age 18**
- **63 Vaccines**

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**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.”


VCC June 2017 BC • Nova Scotia Schedule

Hyperlinked pdf available on our website [www.vaccinechoicecanada.com](http://www.vaccinechoicecanada.com)
**LEGEND**

**Vaccines used in the 1983 Nova Scotia 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Note: All 3 of these vaccines have since been withdrawn from the market due to safety concerns.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
- **OPV**: oral, live virus polio vaccine
- **MMR**: measles, mumps (Urabe strain), rubella vaccine

**Vaccines used in the 2017 Nova Scotia schedule**

**DTaP-IPV-Hib**: 'whooping cough' vaccine
- 5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib (Haemophilus Influenzae B) vaccines
  - Pediacel™
- **DTaP-IPV**: 4 vaccine combination with tetanus, reduced diphtheria, reduced acellular pertussis and polio vaccines
  - Adacel® Polio or Boostrix® Polio
- **Hepatitis B (HB)**: virus vaccine,
  - Engerix®, B or Recombivax HB®
- **HPV**: Human papillomavirus vaccine,
  - Gardasil™ (4-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® 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.” —NVIIC at http://www.nvic.org/cmstemplates/nvic/pdf/

Providing immunization to people of Nova Scotia is a responsibility shared between the Department of Health and Wellness, Public Health Services within the Nova Scotia Health Authority and primary health-care practitioners. Physicians and other primary health-care practitioners provide 80-85% of primary immunizations to infants and children up to age 5 and to adults. Public Health provides immunizations to almost 100% of school-aged children.


Only unusual or Serious Adverse Events are reported.

**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 26 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**

- **DTaP-IPV-Hib**
  - Pediacel®
  - Men-C
  - NeisVac-C®
  - MMRV
  - Priorex Tetra™
- **FluMumps-V**

**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

**Flulaval Tetra:**
- Preservative: Thimerosal <25mcg mercury X 2 doses = <50mcg
- Potential Allergens: Egg protein, Thimerosal
- Other: Formaldehyde

**Priors Tetra (MMRV):**
- Potential Allergens: Neomycin, bovine gelatin, egg protein
- Residual components of chick embryo cell cultures
- Human fetal cells: MRC-5 cells
- Amino acids, Lactose, Mannitol, Sorbitol
- Note: Due to space considerations, chemical salts, sugars and many other ingredients are not necessarily listed in the Other Ingredients category above. For complete ingredient listings see product monographs.

Using the above vaccines in the first year of life, vaccinated babies will receive a total of 7210 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 under the health professionals tab.