### 1983 TOTAL PreSchool

<table>
<thead>
<tr>
<th>Number</th>
<th>Vaccines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø</td>
<td></td>
</tr>
</tbody>
</table>

- **DPT:** 3 vaccines in 1 shot
- **OPV:** oral polio, live virus vaccine

### 2017 TOTAL PreSchool

<table>
<thead>
<tr>
<th>Number</th>
<th>Vaccines</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 (53)*</td>
<td></td>
</tr>
</tbody>
</table>

- **Influenza** in routine schedule for pregnant women
- **DTaP-HB-IPV-Hib** 6 vaccines in 1 shot
- **Meningococcal C-C**
- **Pneumococcal C-13**
- **Rotavirus (oral)** live virus vaccine

### Ages

<table>
<thead>
<tr>
<th><strong>AGE</strong></th>
<th><strong>Number</strong></th>
<th><strong>Vaccines</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Prenatal</td>
<td>1</td>
<td>Influenza Vaccine in routine schedule for pregnant women</td>
</tr>
<tr>
<td>2 Months</td>
<td>9</td>
<td><strong>DTaP-HB-IPV-Hib</strong> 6 vaccines in 1 shot <strong>Meningococcal C-C</strong> <strong>Pneumococcal C-13</strong> <strong>Rotavirus (oral)</strong> live virus vaccine</td>
</tr>
<tr>
<td>4 Months</td>
<td>8</td>
<td><strong>DTaP-HB-IPV-Hib</strong> 6 vaccines in 1 shot <strong>Meningococcal C-C</strong> <strong>Pneumococcal C-13</strong> <strong>Rotavirus (oral)</strong> live virus vaccine</td>
</tr>
<tr>
<td>6 Months</td>
<td>8 (9)</td>
<td><strong>DTaP-HB-IPV-Hib</strong> 6 vaccines in 1 shot <strong>Influenza</strong> 2 doses 4 weeks apart <strong>Hepatitis A</strong></td>
</tr>
<tr>
<td>12 Months</td>
<td>6</td>
<td><strong>MMR</strong> 3 live virus vaccines in 1 shot <strong>Meningococcal C-C</strong> <strong>Pneumococcal C-13</strong> <strong>Varicella chickenpox live virus vaccine</strong></td>
</tr>
<tr>
<td>18 Months</td>
<td>6 (7)</td>
<td><strong>DTaP-IPV-Hib</strong> 5 vaccines in 1 shot <strong>Influenza</strong> (1st Annual dose) <strong>Hep A</strong></td>
</tr>
<tr>
<td>3 Yr</td>
<td>1</td>
<td><strong>Influenza</strong> (Annual dose in Fall)</td>
</tr>
<tr>
<td>4–6 Yr</td>
<td>11 (12)</td>
<td><strong>Tdap-IPV</strong> 4 vaccines in 1 shot <strong>MMRV</strong> 4 live virus vaccines in 1 shot <strong>Influenza</strong> (3 Annual doses, 1 each Fall) <strong>Hep A</strong></td>
</tr>
</tbody>
</table>

TOTAL Grade School & High School in 2017

<table>
<thead>
<tr>
<th><strong>AGE</strong></th>
<th><strong>Number</strong></th>
<th><strong>Vaccines</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Girls: 12</td>
<td>17</td>
<td>Vaccines in 15 Injections</td>
</tr>
<tr>
<td>most Boys: 10</td>
<td>15</td>
<td>Vaccines in 13 Injections</td>
</tr>
</tbody>
</table>

2017 GRAND TOTAL: Prenatal to Age 18

<table>
<thead>
<tr>
<th><strong>Number</strong></th>
<th><strong>Vaccines</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>65–70</td>
<td></td>
</tr>
</tbody>
</table>

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.”


Hyperlinked pdf available on our website [www.vaccinechoicecanada.com](http://www.vaccinechoicecanada.com)
**Vaccines used in the 1983 BC 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 BC schedule**

**DTP-HB-IPV-Hib** 6 vaccine combination with diphtheria(D), tetanus(T), acellular pertussis(aP), HepatitisB (HB), inactivated polio (IPV) & Hib (Haemophilus Influenzae B)

- INFANRIX hexa®

**DTP-IPV-Hib** 5 vaccine combination with diphtheria(D), tetanus(T), acellular pertussis(aP), inactivated polio (IPV) & Hib (Haemophilus Influenzae B) vaccines

- Pediacel™ or Infanrix-IPV/Hib®

**Hepatitis A** (HepA or HA) virus vaccine (Aboriginal only)

- AVAXIM® Pediatric, HAVRIX® 720 JUNIOR, VAXTA®

**Hepatitis B** (HB): genetically engineered virus vaccine

- ENGERIX®-B or RECOMBIVAX HB® pediatric

**HPV** Human papillomavirus vaccine,

- GARDASIL®TM (girls), GARDASIL®TM (boys)

**Influenza** Annual Flu shot, quadrivalent vaccine recommended

- FLUVAL®Tetra for babies 6 – 23 months

- FLUMIST® Quadrivalent or FLUVAL® Tetra 2 – 17 yrs

(If a quadrivalent product is unavailable, Fluviral® or Agriflu® used.)

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

- MENJUGATE® or NEISVAC-C®

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

- MENVEO® or MENACTRA®

**MMR:** measles, mumps, rubella,

3 combination **live virus** vaccine

- MMRII® or Priorix® for children < 4 years old

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

4 combination **live virus** vaccine

- Priorix Tetra® or ProQuad™ for children ≥ 4 yrs old

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

- PREVNA®13®

**Rotavirus:** live virus oral vaccine,

- Rotarix™ (2 doses) or RotaTeq® (3 doses)

**Tdap-IPV:** tetanus, diphtheria, acellular pertussis, polio
4 vaccine combination, age 4-6

- ADACEL-Polio® or BOOSTRIX-Polio®

**Tdap:** tetanus, diphtheria, acellular pertussis, polio
4 vaccine combination, Grade 9 booster

- ADACEL® or BOOSTRIX®

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

- VARILRIX® or VARIVAX® III

**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


**What’s In those Vaccines?**

In the first year of life, during critical phases of brain and immune system development, your baby will receive from 31 to 33 doses of complex biochemical vaccine ingredients. We identify some of these substances, such as adjuvants, preservatives and other ‘clinically significant’ ingredients in the following popular vaccine brands.

**Example Vaccines received in the first year**

<table>
<thead>
<tr>
<th>3 D'TaP-HB-IPV-Hib</th>
<th>Infanrix hexa®</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 MEN-C-C</td>
<td>Menjugate®</td>
</tr>
<tr>
<td>3 Pneu C–13</td>
<td>Prevnar 13®</td>
</tr>
<tr>
<td>2 Rotavirus</td>
<td>Rotarix™</td>
</tr>
<tr>
<td>2 Influenza</td>
<td>Fluralav® Tetra</td>
</tr>
<tr>
<td>1 MMR</td>
<td>MMRII®</td>
</tr>
<tr>
<td>1 Varicella</td>
<td>Varivax® III</td>
</tr>
</tbody>
</table>

**Infanrix hexa:**

- 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 dose = 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

**Rotarix:** Other: DNA fragments from porcine circovirus 1

1 Contaminants from cell growth medium

**Fluralav Tetra:**

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

**MMRII:**

- Potential Allergens: Neomycin, Phenol red, Porcine gelatin
- Residual components of chick embryo cell cultures
- Other: Fetal bovine serum, Human diploid cells (fetal cells)
- Contaminants from cell growth medium, Recombinant human albumin
- Monosodium L-glutamate monohydrate

**Varivax III:**

- Potential allergens: Porcine gelatin, fetal bovine serum, neomycin
- Other: Human diploid cells (fetal cells), monosodium glutamate
- Note: Due to space considerations, chemical salts, sugars and many other ingredients are not listed in the Other Ingredients category above.

For complete ingredient listings and information on vaccines used in BC, see the BC Centre for Disease Control manual: Communicable Disease Control/Immunization Program/Section VII—Biological Products.

Using the above vaccines in the first year of life, vaccinated babies will receive a total of 7210 micrograms (mcg) of aluminum and nearly 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 emulsifier can cross the blood brain barrier, carrying any other ingredients into the brain.

Ask your doctor what 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.