






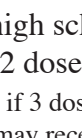


compares BC Vaccine Schedules

1983 TOTAL PreSchool 22 Vaccine doses In 6 Injections & 4 oral doses		AGE	2020 TOTAL PreSchool 51 (54*) Vaccine doses In 19 (22*) Injections & 3 oral doses <i>*Aboriginal babies receive 3 doses of Hep A</i>	
∅	Number Vaccines		Number Vaccines	Fetal Exposure: in routine schedule for pregnant women Influenza Vaccine
DPT: 3 vaccines in 1 shot OPV: oral polio, live virus vaccine	4	2 Months 	9	DTaP-HB-IPV-Hib 6 vaccines in 1 shot Meningococcal C-C Pneumococcal C-13 Rotavirus (oral) live virus vaccine
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	4 Months 	8	DTaP-HB-IPV-Hib 6 vaccines in 1 shot Pneumococcal C-13 Rotavirus (oral) live virus vaccine
DPT: 3 vaccines in 1 shot	3	6 Months 	9 (10*)	DTaP-HB-IPV-Hib 6 vaccines in 1 shot Influenza 2 doses 4 weeks apart Rotavirus (oral) live virus vaccine <i>(*Hepatitis A Aboriginal babies only)</i>
∅		12 Months 	6	MMR 3 live virus vaccines in 1 shot Meningococcal C-C Pneumococcal C-13 Varicella chickenpox live virus vaccine
MMR: 3 live virus vaccines in 1 shot at 15 months	3	18 Months 	6 (7*)	DTaP-IPV-Hib 5 vaccines in 1 shot Influenza (1st Annual dose) <i>(*Hepatitis A Aboriginal babies only)</i>
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	3 Yr 	1	Influenza (Annual dose in Fall)
DPT: 3 vaccines in 1 shot OPV: oral polio live virus vaccine	4	4-6 Yr 	11 (12*)	Tdap-IPV 4 vaccines in 1 shot MMRV 4 live virus vaccines in 1 shot Influenza (1 dose Annually each Fall=3 doses) <i>(*Hepatitis A Aboriginal children only)</i>
Total 22			Total 51 (*54)	



By the time your child graduates from high school, they will have received an additional 11 annual Influenza vaccines and **Grade 6:** HPV 2 doses.

Some children will also receive **Hep B** 2 doses, if 3 doses not received in infancy, and Varicella catch-up of 1 or 2 doses. Depending on age & vaccine records, children may receive up to 6 vaccine doses in Grade 6—not shown in the totals below.

Grade 9: Tdap (3-in-1 shot) and Men C-ACYW-135

TOTAL Grade School & High School in 2020
17 Vaccine doses in 15 Injections

2020 GRAND TOTAL: Prenatal to Age 18
68 or 71 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 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 2020 BC schedule

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

- Infanrix hexa[®] 3 doses at 2, 4 & 6 months

DTaP-IPV-Hib 5 vaccine combination with diphtheria(D), tetanus(T), acellular pertussis(aP), inactivated polio (IPV) & Hib (Haemophilus Influenzae B) vaccines at 18 months

- Pediacel[™] or Infanrix-IPV/Hib[®]

Tdap-IPV: tetanus, reduced diphtheria & acellular pertussis, polio, 4 vaccine combination at 4 to 6 years

- Adacel-Polio[®] or Boostrix-Polio[®]

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

- Adacel[®] or Boostrix[®]

Hepatitis A HepA virus vaccine (*Aboriginal only at 6 months*)

- Avaxim[®] Pediatric, Havrix[®] 720 Junior, Vaqta[®]

Hepatitis B HepB virus vaccine 2 doses, *Grade 6*

- Engerix[®]-B or Recombivax HB[®] pediatric

HPV Human papillomavirus vaccine 2 doses, *Grade 6*

- Gardasil[®]9

Influenza Annual Flu shot, quadrivalent vaccine recommended 2 doses at 6 months and annually thereafter

- Flulaval[®]Tetra • FluZone[®] Quadrivalent

Men C-C: Meningococcal serotype C vaccine

2 doses at 2 & 12 months

- Menjugate[®] or NeisVac-C[®]

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

- Menveo[®], Menactra[®] or Nimenrix[®]

***MMR:** measles, mumps, rubella at 12 months

3 combination **live virus** vaccine

- MMRII[®] or Priorex[®] for children < 4 years old

***Varicella:** chickenpox **live virus** vaccine at 12 months

- Varilrix[®] or Varivax[®] III

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

4 combination **live virus** vaccine at 4 to 6 years

- Priorex Tetra[®] or ProQuad[™]

Pneu C-13: pneumococcal vaccine, 3 doses at 2, 4, 12 months

- Pevnar[®]13

***Rotavirus:** **live virus** oral vaccine 3 doses at 2, 4, 6 months

- RotaTeq[®]

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

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 32 or 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

3 DTaP-HB-IPV-Hib—Infanrix hexa[®]

2 MEN-C-C—Menjugate[®]

3 Pneu C-13—Pevnar 13[®]

3 Rotavirus—RotaTeq[®]

2 Influenza—Flulaval[®]Tetra

1 MMR—MMRII[®]

1 Varicella—Varivax[®]III

Infanrix hexa (DTaP-HB-IPV-Hib)

Adjuvant: **Aluminum** 820mcg X 3 doses = **2460mcg**

Potential Allergens: Butyl in stopper Neomycin
Polymyxin B Yeast protein

Other: Disodium phosphate Formaldehyde
Glycine Lactose M199
Monopotassium phosphate Polysorbate 20 and 80
Potassium chloride Sodium chloride

Menjugate (Meningococcal)

Adjuvant: **Aluminum** 1000mcg X 2 dose = **2000mcg**

Potential Allergens: Latex, Diphtheria CRM₁₉₇ toxoid protein
Other: Disodium phosphate heptahydrate, Mannitol, Sodium chloride, Sodium dihydrogen phosphate monohydrate

Pevnar-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

Flulaval Tetra (Influenza)

Preservative (multidose vials only):

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

Potential Allergens: Egg protein, Thimerosal
Other: Formaldehyde, Polysorbate 80, Sucrose, Ethanol, alpha-tocopheryl hydrogen succinate (Vitamin E)

MMRII (Measles, Mumps & Rubella)

Potential Allergens: Neomycin, Phenol red, Porcine gelatin
Residual components of chick embryo cell cultures

Other: Fetal bovine serum, Human fetal cell DNA fragments
Contaminants from cell growth medium,

Recombinant human albumin

Monosodium L-glutamate monohydrate

Varivax III (Chicken Pox)

Potential allergens: Porcine gelatin, fetal bovine serum, neomycin
Other: Human fetal cell DNA fragments, monosodium glutamate

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **4835 micrograms 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, ferrying any other vaccine ingredients into the brain.

Ask your doctor what vaccines they use. Then read the eye-opening product monographs linked above. All [Product monographs](#) are available online at www.vaccines411.ca under the health professionals tab. See also BC's [Communicable Disease Control/Immunization Program/Section VII—Biological Products](#) for vaccine descriptions.