

compares Saskatchewan Vaccine Schedules

1983 TOTAL PreSchool 22 Vaccines In 6 Injections & 4 oral doses	AGE	2017 TOTAL PreSchool 47 (49)* Vaccines In 19 (21)* Injections & 2 oral doses * Aboriginal babies: 2 doses HepA
∅ <div style="float: right; text-align: right;">Number Vaccines</div>	Prenatal 	1 Influenza Vaccine in routine schedule for pregnant women.
DPT: 3 vaccines in 1 shot OPV: oral polio, live virus vaccine <div style="float: right; text-align: right;">4</div>	2 Months 	7 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 <div style="float: right; text-align: right;">4</div>	4 Months 	8 DTaP-IPV-Hib 5 vaccines in 1 shot Meningococcal C-C Pneumococcal C-13 Rotavirus (oral) live virus vaccine
DPT: 3 vaccines in 1 shot <div style="float: right; text-align: right;">3</div>	6 Months 	7 DTaP-IPV-Hib 5 vaccines in 1 shot Influenza 2 doses 4 weeks apart
∅	12 Months 	6 (7)* MMRV 4 live virus vaccines in 1 shot Meningococcal C-C Pneumococcal C-13 HepA*
MMR: 3 live virus vaccines in 1 shot at 15 months <div style="float: right; text-align: right;">3</div>	18 Months 	10 (11)* DTaP-IPV-Hib 5 vaccines in 1 shot MMRV 4 live virus vaccines in 1 shot Influenza (1st Annual dose) HepA*
∅	3 Yr 	1 Influenza (Annual dose in Fall)
DPT: 3 vaccines in 1 shot OPV: oral polio, live virus vaccine <div style="float: right; text-align: right;">4</div> <div style="text-align: right; border: 1px solid black; padding: 2px;">Total 22</div>	4–6 Yr 	7 DTap-IPV 4 vaccines in 1 shot Influenza (3 Annual doses, 1 each Fall) <div style="text-align: right; border: 1px solid black; padding: 2px;">Total 47 (49)</div>



By the time your child graduates from high school, they will have received an additional 18–20 vaccines:

- 11 annual Influenza vaccines, and
- 2 doses HPV (girls), 2 doses of Hep B and Men C-ACYW-135 in Grade 6,
- Tdap (3-in-1 shot) in Grade 8.

TOTAL Grade School & High School in 2017

Girls: 19 Vaccines in 17 Injections

Boys: 17 Vaccines in 15 Injections

2017 GRAND TOTAL: Prenatal to Age 18
64 to 68 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 Saskatchewan 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 Saskatchewan 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)

- PediacelTM or Infanrix-IPV/Hib[®]

DTaP-IPV: 4 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis and polio vaccines

- InfanrixTM-IPV or Quadracel[®]

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

- Avaxim[®] Pediatric, Havrix[®] 720 Jr. or Vaqta[®]

Hepatitis B (HB): virus vaccine,

- Engerix[®]-B or Recombivax HB[®]

HPV: Human papillomavirus vaccine,

- Gardasil 4TM

Influenza: annual Flu shot, quadrivalent vaccine

- Fluzone[®] Quadrivalent or Flulaval[®] Tetra

Men-C: Meningococcal serotype C vaccine

- Menjugate[®] or NeisVac-C[®]

Men C-ACYW-135: 4 Meningococcal serotypes,

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

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

4 live virus combination vaccine

- Priorex Tetra[®] or ProQuadTM

Pneu C-13: pneumococcal vaccine, 13 serotypes,

- Prevnar 13[®]

***Rotavirus:** live oral vaccine, RotarixTM

Tdap: 3 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis, Grade 8 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." [NVIC](http://www.nvic.org/cmstemplatess/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf), <http://www.nvic.org/cmstemplatess/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf>

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 32 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 DTaP-IPV-Hib —Pediacel [®]	2 Men-C —Menjugate [®]
3 Pneu C-13 —Prevnar 13 [®]	2 Rotavirus —Rotarix TM
2 Influenza —Fluzone [®] Quad	1 MMRV —ProQuad TM

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 2 doses = **2000mcg**

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, Contaminants from cell growth medium

Fluzone Quad:

Preservative: **Multidose vials only, not single prefiled syringes**

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

Potential Allergens: Egg protein, Thimerosal

Other: Formaldehyde, Triton[®] X-100, Sodium phosphate-buffered isotonic sodium chloride solution

ProQuad (MMRV):

Potential Allergens: Neomycin, animal gelatin

Residual components of chick embryo cell cultures

Other: Human fetal cells: WI-38 lung fibroblasts & MRC-5 cells
Human albumin, Monosodium L-glutamate, Sucrose, Sorbitol, Sodium chloride and phosphate, Urea

Using the above vaccines in the first year of life, vaccinated babies will receive a total of **8210 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 or 80 and TritonX-100 emulsifiers can cross the blood brain barrier, ferrying any other vaccine ingredients into the brain with them.

Ask your nurse 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.

Immunization programs for all Saskatchewan children (ages 2 months–17 years) are delivered by public health nurses at regional clinics or in schools.

Parental Consent Forms and information on Mature Minor Consent for 13–17 year olds are found [here](https://www.saskatchewan.ca/residents/health/accessing-health-care-services/immunization-services#immunization-forms-and-fact-sheets): <https://www.saskatchewan.ca/residents/health/accessing-health-care-services/immunization-services#immunization-forms-and-fact-sheets>