**Part 1: Adverse Event Reports 2017—The Simple Story**

The vaccine safety reports are statistical studies. They present collected data on reported adverse events following immunization (AEFIs). Statistics are complicated however. As one well-known statistician quipped, “What they reveal is suggestive, but what they conceal is vital.”

Four sets of data are basic to the understanding of who is being negatively affected by vaccines and why that is so: 1) population by the age groups delineated in the report, 2) AEFI reports for each age group, 3) Serious AEFI reports for each age group and 4) publicly-funded vaccines administered to each age group.

As can be seen from the 3 pie charts, children make up 20% of the population, yet experience 60% of all reported adverse events and 82% of all reported serious adverse events (SAEs) in 2017.

As to why this is the case, it’s simple. Vaccination programs target children with many vaccines and uptake of childhood vaccines is high in all provinces. The younger the child, the more vaccines in the schedule. Depending on age group and specific vaccines, 70–95% of all children in Canada are vaccinated to schedule.

For comparison, uptake by adults of the three publicly funded, communicable diseases vaccines (Influenza, Pertussis, Pneumococcal) is 10%–40% depending on the vaccine.

**None of this information is available in the 2017 Report.**

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**Canada: Vaccine Doses in Children’s 2017 Routine Schedules—Prenatal to Age 18**

A total of 19 different vaccines are used for Canadian children. There are 14 vaccines used in all provinces: 1 Diphtheria, 2 Tetanus, 3 Acellular pertussis, 4 Polio, 5 Hib, 6 Hepatitis B, 7 Influenza, 8 Meningococcal C, 9 Pneumonococcal C-13, 10 Measles, 11 Mumps, 12 Rubella, 13 Varicella (chicken pox), 14 HPV, 15 Rotavirus except Nova Scotia, 16 Meningococcal ACWY except Manitoba & Quebec.

Plus 2 Vaccines used in Most Provinces: 17 Tuberculosis (BCG) in Nunavut & NWT at birth, 18 Pneumonococcal P-23 in Nunavut at 2-3 years old.

Plus 3 Vaccines used selectively: 19 Hepatitis A in BC & Sask to Aboriginal babies only.

**Map and Provincial Vaccine Schedules** are available on the VCC website www.vaccinechoicecanada.com.