

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.

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.

As can be seen from the 3 pie charts, children

