

# THE DETRIMENTAL IMPACT OF PER- AND POLYFLUOROALKYL SUBSTANCES ON CHILDREN

Per- and polyfluoroalkyl substances (PFAS) are a large class of thousands of synthetic chemicals that are used throughout society.

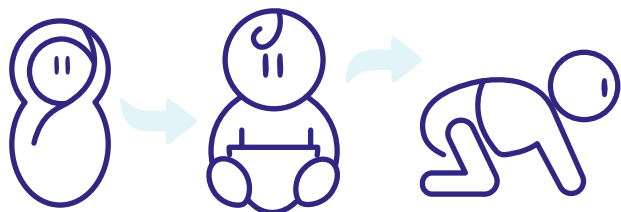


Per- and polyfluoroalkyl substances (PFAS) are a group of over 10,000 manmade chemicals used as oil and water repellents and coatings for common products including cookware, carpets, and textiles. These Endocrine-Disrupting Chemicals (EDCs) do not breakdown or very slowly over many years when they are released into the environment, and they continue to accumulate over time.

## CHILDREN ARE MOST VULNERABLE TO THE EXPOSURE TO PFAS.



PFAS ARE **"FOREVER CHEMICALS"**, chemicals that are very persistent in the environment and in the human body.



## FIRST MONTHS OF LIFE

are known to be a critical window for the programming of later adiposity and endocrine regulation, neurodevelopment and growth.

## POSTNATALLY PFAS WILL BE TAKEN UP VIA BREASTMILK.<sup>1</sup>



Later in life via inhalation of dust or by ingestion of PFAS in drinking water, soil, non-stick coating in pans, food packaging products and food, particularly from fish, fruit and eggs.<sup>2</sup>

