## Why Use a Life Stage Approach?

- Children develop in spurts and sometimes discontinuously
- Children's behavior and physiology as a function of life stage may have significant impact on exposure

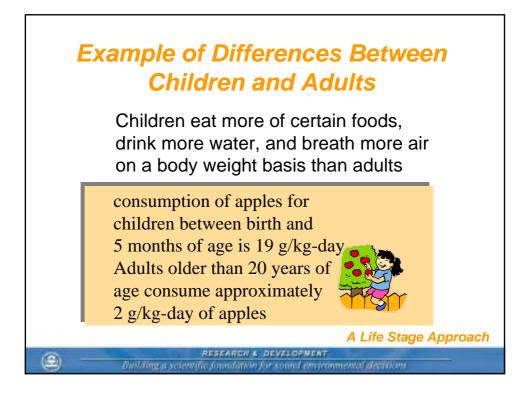
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A Life Stage Approach

RESEARCH & DEVELOPMENT.



## Example of Differences Between Children and Adults (cont.)

Age Group	Fruit Intake (g/kg-day)	Dairy Products (g/kg-day)
< 1 year	13	111
1 -2 years	19	38
3-5 years	11	21
6 – 11 years	5	14
12 – 19 years	3	6
> 20	2	3
(E) RESEARCH &		

Age Group	Water Intake (ml/kg-day)
<.5 years	88
0.5 – 0.9 years	56
1 -3 years	26
4 – 6 years	23
7 -10 years	16
11 -14 years	13
15 – 19 years	12

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## **Behavior**

Children:

- Eat & drink proportionally more than adults on a weight basis
- Eat limited food choices
- Express considerable hand/object-to-mouth behavior
- Crawl on the ground during toddler stage





A Life Stage Approach

RESEARCH & DEVELOPMENT Building a scientific foundation for sound environmental decisions

