

US EPA ARCHIVE DOCUMENT

Table 6. Estimated number of children exceeding the RfD of organophosphate insecticides per day.

Age	Estimated number of children exceeding the RfD per day	Percent of population	Children exceeding 10 times the RfD per day	Children exceeding 100 times the RfD per day
6-12 mo.	110,900	5.5%	6,400	100
1	206,200	5.2%	20,500	900
2	219,300	5.5%	21,400	1,000
3	222,200	5.6%	25,000	900
4	191,900	4.8%	16,300	500
5	192,000	4.8%	17,000	800
Total	1,142,000		107,000	4,200

(Figures rounded to nearest hundred)

Source: EWG, compiled from USDA food consumption data 1989-1995, USDA and FDA pesticide residue data 1991-1996 and reference doses (RfDs) obtained from EPA in January 1998.

Table 7. Likelihood of being exposed to a dose of organophosphates exceeding the RfD.

Food	Likelihood of being exposed to a dose of organophosphates exceeding the RfD						Average of Age Groups
	6-12 months	1 year olds	2 year olds	3 year olds	4 year olds	5 year olds	
Peaches	24.2%	25.7%	26.9%	25.6%	24.0%	22.4%	24.8%
Apples	12.0%	12.2%	14.1%	13.8%	13.1%	12.1%	12.9%
Nectarines	11.6%	14.1%	8.3%	12.1%	15.3%	11.8%	12.2%
Popcorn	0.0%	10.5%	10.2%	10.4%	10.0%	10.1%	8.5%
Pears	11.6%	6.9%	7.5%	6.1%	6.5%	6.1%	7.5%
Cornbread	5.6%	5.3%	6.1%	6.0%	5.7%	5.0%	5.6%
Applesauce	3.7%	5.7%	5.9%	5.8%	5.4%	4.7%	5.2%
Grapes	5.6%	4.9%	5.4%	5.3%	4.5%	4.9%	5.1%
Corn Chips	2.9%	3.8%	4.7%	5.6%	5.3%	4.8%	4.5%
Pears (baby food)	9.6%	13.4%	0.0%	0.0%	0.0%	0.0%	3.8%
Raisins	2.2%	2.9%	4.8%	3.4%	3.6%	2.7%	3.3%
Cherries	0.0%	3.3%	4.5%	3.7%	3.5%	4.3%	3.2%
Kiwi	0.0%	1.5%	3.7%	5.0%	4.2%	2.7%	2.9%
Peaches (baby food)	2.4%	4.6%	0.0%	7.1%	0.0%	0.0%	2.4%
Apple Juice (baby food)	5.0%	6.8%	0.0%	0.0%	0.0%	0.0%	2.0%

Source: EWG, compiled from USDA food consumption data 1989-1995, USDA and FDA pesticide residue data 1991-1996 and reference doses (RfDs) obtained from EPA in January 1998.