

US EPA ARCHIVE DOCUMENT

Table 9. Estimated number of children exposed to ten times the RFD of organophosphate insecticides per day.

Food	Estimated number of children exposed to 10 times the RFD each day
Apples	34,600
Peaches	30,900
Grapes	12,560
Pears (baby food)	4,610
Pears	4,040
Cornbread	3,700
Baked Beans	2,640
Nectarines	2,420
Raisins	2,230
Popcorn, popped in oil	880
TOTAL for all foods	106,600

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 10. Percentage of one year old children exposed to an unsafe dose of organophosphate insecticides, by amount of food consumed.

Percent of children exposed to a dose of organophosphates above the RFD						
	10 grams		100 grams		the average amount a child consumes	90th percentile consumption*
Apples	1.9%	3 bites or 1/14 of an apple	17.9%	~3/4 apple	13.7%	22.1%
Grapes	1.6%	2 grapes	7.5%	20 grapes	5.9%	7.5%
Peaches	15.3%	3 bites or 1/9 of an peach	28.4%	~1 peach	26.3%	28.4%
Raisins	2.1%	1 small box	12.5%	~3/4 cup	2.1%	6.3%
Pears	2.1%	3 bites or 1/15th of a pear	7.5%	~3/4 pear	6.8%	11.1%

* highest 10% of consumption.

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.