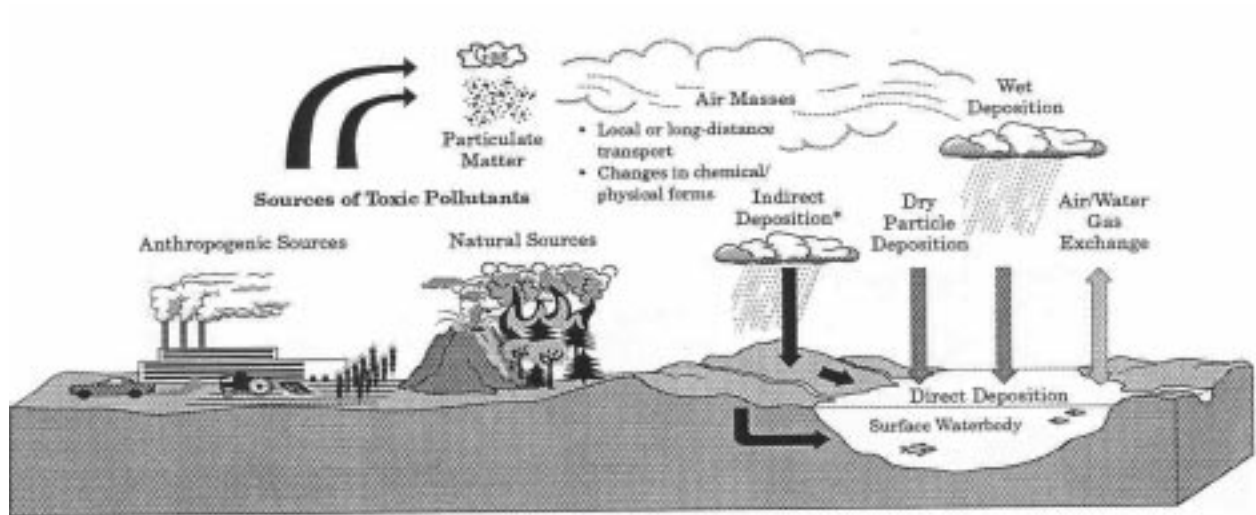


APPENDIX A: Long-Range Transport and Deposition of POPs



Source: U.S. Environmental Protection Agency, 1994.

APPENDIX B: Health-Based Standards for POPs Exposure

The table below highlights the wide range of standards defining levels of exposure to POPs that can be considered “safe” or “minimal risk.” These levels are in some cases dramatically different, even by orders of magnitude. Nevertheless, all levels are very low and comparable to the amount of pesticide residues commonly found in foods. The symbol “n/a” is used when values are not available. Sources for these values include:

ATSDR: The U.S. Centers for Disease Control and Prevention’s Agency for Toxic Substances and Disease Registry defines a Minimal Risk Level (MRL) as the dose below which they anticipate no ill effects.

EPA: The U.S. Environmental Protection Agency defines a Reference Dose (RfD) as the dose below which they anticipate no ill effects.

WHO: The World Health Organization defines an Acceptable Daily Intake (ADI) as the dose below which they anticipate no ill effects.

POP Chemical	ATSDR MRL (ug/day)*	EPA RfD (ug/day)*	WHO ADI (ug/day)*
Aldrin	Adult: 2.1 Child: 0.6	n/a	Adult: 7.0 Child: 2.0 (combined total w/dieldrin)
	Chronic exposure, oral Adult: 42 Child: 12	Adult: 4.2 Child: 1.2	Adult: 35 Child: 10
	Acute exposure, oral Adult: 70 Child: 20		
Chlordane	Chronic exposure, inhalation (ug/m ³) Adult: 1.4 Child: 0.4		
	Acute exposure, inhalation (ug/m ³) Adult: 14 Child: 4		
DDE	n/a	Adult: 35 Child: 10	Adult: 1,400 Child: 400
DDT	Adult: 35 Child: 10	Adult: 35 Child: 10	Adult: 1,400 Child: 400

Appendix B continued

POP Chemical	ATSDR MRL (ug/day)*	EPA RfD (ug/day)*	WHO ADI (ug/day)*
Dieldrin	Chronic exposure Adult: 3.5 Child: 1.0	Adult: 3.5 Child: 1.0	Adult: 7.0 Child: 2.0 (combined total w/aldrin)
	Acute exposure Adult: 4.9 Child: 1.4		
Dioxin	Adult: 70 pg Child: 20 pg	Adult: 0.70 pg Child: 0.20 pg	Adult: 70-280 pg Child: 20-80 pg
Endrin	Chronic exposure Adult: 700 Child: 200	n/a	Adult: 14 Child: 4
	Acute exposure Adult: 140 Child: 40		
Heptachlor/ Heptachlor epoxide	n/a	Adult: 0.7 Child: 0.2	Adult: 7.0 Child: 2.0
Hexachlorobenzene	Chronic exposure Adult: 700 Child: 200	Adult: 560 Child: 160	Adult: 42 Child: 12
	Acute exposure Adult: 560 Child: 160		
Mirex	Adult: 560 Child: 160	n/a	n/a
PCBs	n/a	n/a	n/a
Toxaphene	Intermediate exposure Adult: 70 Child: 20	n/a	n/a
	Acute exposure Adult: 70 Child: 20		

*micrograms of chemical per day for 154 pound adult (70 kg), and 44 pound child (20 kg)

APPENDIX C: POPs Residue Levels for Top 10 Contaminated Foods

The pesticide data below is taken directly from the findings of the Food and Drug Administration's 1999 *Total Diet Study*. To collect this data, FDA tests for chemical residues on foods available in supermarkets and prepared for consumption. The sample is random and relatively small. In its 1999 "marketbasket" FDA found residues of 104 chemicals, 55 of which were pesticides. Two of the five most frequently detected chemicals were persistent toxic chemicals (the pesticides DDT and dieldrin).

The U.S. Department of Agriculture's Pesticide Data Program conducts more comprehensive annual sampling for pesticide residues on produce. USDA's data were used as a cross-check in developing the tables below. While there is some variation, USDA's POPs pesticide residue sampling results are comparable for the fresh produce items in FDA's "marketbasket" study.

The foods selected for inclusion in this list are contaminated with at least three and up to seven POPs at levels significantly higher than residues found on other foods.

All chemicals found through FDA's *Total Diet Study* are at levels well below current regulatory limits. The agency uses the data to estimate consumers' dietary intake of pesticides. FDA's summary report of the 1999 *Total Diet Study* can be found online at <http://vm.cfsan.fda.gov/~dms/pes99rep.html>.

Information on dioxin included in the tables below is drawn from two 1994 studies of dioxin levels in U.S. food (Schechter 1994, U.S. EPA 1994).

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Butter	chlordan	13	13	13
	DDE p,p'	102	3	25.7
	dieldrin	8	0.9	2.7
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	1	0.3	0.7
	hexachlorbenzene	7	0.5	1.4
Cantaloupe	DDE p,p'	0.6	0.6	0.6
	dieldrin	3	0.2	1.2
	endrin	2	2	2
	heptachlor epoxide	0.5	0.5	0.5
	toxaphene	75	10	27.8
Cucumber	chlordan	26	26	26
	chlordan, cis	2	0.4	0.9
	chlordan, trans	2	0.4	1.1
	DDE, p,p'	3	3	3
	dieldrin	26	0.6	6.3
	endrin	1	1	1
	heptachlor epoxide	8	0.1	2.8
	toxaphene	56	3	24.4

Appendix C continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Meatloaf	DDE p,p'	10	0.6	2.5
	dieldrin	0.9	0.2	0.5
	dioxin	-	-	0.0015
	heptachlor epoxide	0.4	0.1	0.2
	hexachlorobenzene	0.3	0.1	0.2
Peanuts	DDE p,p'	7	0.9	2.5
	dieldrin	5	0.2	1.4
	hexachlorobenzene	0.2	0.2	0.2
	toxaphene	105	3	35.6
	chlordanes	15	15	15
Pickles, dill	Chlordane, cis	10	0.6	4.5
	chlordanes, trans	1	0.3	0.6
	DDE p,p'	6	0.3	4.1
	DDT p,p'	4	4	4
	dieldrin	18	0.7	6.2
	heptachlor epoxide	2	2	2
	toxaphene	49	3	25.1
	chlordanes	0.9	0.9	0.9
Pickles, sweet	chlordanes, cis	2	0.2	0.8
	chlordanes, trans	1	0.2	0.4
	DDE p,p'	1	0.9	1
	dieldrin	9	0.4	3.6
	heptachlor epoxide	0.9	0.5	0.7
	toxaphene	34	10	22.9
	chlordanes	87	21	54
Popcorn	chlordanes, cis	2	1	1.3
	chlordanes, trans	3	2	2.3
	dieldrin	2	0.5	1.5
	toxaphene	26	9	17.5
	chlordanes, cis	0.5	0.4	0.5
Radish	chlordanes, trans	0.4	0.3	0.4
	DDE p,p'	8	0.2	2.1
	DDT o,p'	0.5	0.2	0.3
	DDT p,p'	2	0.2	1
	dieldrin	4	0.4	1.2
	endrin	2	0.6	1.3
	heptachlor epoxide	1	1	1
	toxaphene	21	5	13
	DDE p,p'	37	0.9	11.5
Spinach	DDT o,p'	4	0.3	1.6
	DDT p,p'	8	0.3	2.5
	dieldrin	10	0.4	2.5
	heptachlor epoxide	2	2	2
	toxaphene	8	3	5.3

Appendix C continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Squash, winter	chlordane	58	7	25
	chlordane, cis	7	1	3.6
	chlordane, trans	5	0.4	2
	DDE p,p'	6	6	6
	dieldrin	25	0.9	11.4
	heptachlor epoxide	3	0.2	1.1
	hexachlorobenzene	0.9	0.9	0.9
	toxaphene	38	10	23
Squash, summer	chlordane	15	15	15
	chlordane, cis	1	0.1	0.6
	chlordane, trans	0.4	0.2	0.3
	DDE, p,p	8	1	2.8
	DDT, p,p	3	3	3
	dieldrin	76	0.3	15.3
	endrin	2	0.4	1.2
	heptachlor epoxide	2	0.9	1.5
hexachlorobenzene	0.7	0.2	0.5	

* micrograms of chemical per kilogram of food

APPENDIX D: POPs Residue Levels in Holiday Menu and Regional Diets

The pesticide data below is taken directly from the findings of the Food and Drug Administration's 1999 *Total Diet Study*. To collect this data, FDA tests for chemical residues on foods available in supermarkets and prepared for consumption. The sample is random and relatively small. In its 1999 "marketbasket" FDA found residues of 104 chemicals, 55 of which were pesticides. Two of the five most frequently detected chemicals were persistent toxic chemicals (the pesticides DDT and dieldrin).

The U.S. Department of Agriculture's Pesticide Data Program conducts more comprehensive annual sampling for pesticide residues on produce. USDA's data were used as a cross-check in developing the tables below. While there is some variation, USDA's POPs pesticide residue sampling results are comparable for the fresh produce items in FDA's "marketbasket" study.

All chemicals found through FDA's *Total Diet Study* are at levels well below current regulatory limits. The agency uses the data to estimate consumers' dietary intake of pesticides. FDA's summary report of the 1999 *Total Diet Study* can be found online at <http://vm.cfsan.fda.gov/~dms/pes99rep.html>.

Information on dioxin included in the tables below is drawn from two 1994 studies of dioxin levels in U.S. food (Schechter 1994, U.S. EPA 1994).

D-1: POPs Contaminants in Holiday Menu

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Butter	chlordane	13	13	13
	DDE p,p'	102	3	25.7
	dieldrin	8	0.9	2.7
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	1	0.3	0.7
	hexachlorbenzene	7	0.5	1.4
Celery	DDE p,p'	5	0.4	2
	DDT o,p'	0.5	0.4	0.5
	DDT p,p'	3	0.3	1.2
	dieldrin	0.7	0.7	0.7
Gravy	DDE p,p'	4	0.3	1.4
	dieldrin	0.4	0.3	0.4
	heptachlor epoxide	0.2	0.2	0.2
Green beans	DDE p,p'	3	0.5	1.5
	dieldrin	0.2	0.2	0.2
Ice cream, vanilla	DDE p,p'	3	0.1	1.4
	dieldrin	0.3	0.3	0.3
	dioxin	-	-	0.0004
	hexachlorobenzene	0.1	0.1	0.1

Appendix D continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Onion	dieldrin	0.3	0.3	0.3
	chlordane	15	15	15
	chlordane, cis	10	0.6	4.5
	chlordane, trans	1	0.3	0.6
Pickles, dill	DDE p,p'	6	0.3	4.1
	DDT p,p'	4	4	4
	dieldrin	18	0.7	6.2
	heptachlor epoxide	2	2	2
	toxaphene	49	3	25.1
Potatoes, boiled	DDE p,p'	0.5	0.3	0.4
	dieldrin	0.5	0.5	0.5
Pumpkin pie	chlordane, cis	0.2	0.2	0.2
	DDE p,p'	3	0.2	1.3
	dieldrin	9	0.6	3.2
	chlordane	58	7	25
	chlordane, cis	7	1	3.6
	chlordane, trans	5	0.4	2
Squash, winter (baked or mashed)	DDE p,p'	6	6	6
	dieldrin	25	0.9	11.4
	heptachlor epoxide	3	0.2	1.1
	hexachlorobenzene	0.9	0.9	0.9
	toxaphene	38	10	23
Turkey, roasted	DDE p,p'	0.8	0.4	0.6
	dieldrin	1	1	1
	dioxin	-	-	0.00003

* micrograms of chemical per kilogram of food

D-2: POPs Contaminants in Southeastern Sample Diet

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Butter	chlordan	13	13	13
	DDE p,p'	102	3	25.7
	dieldrin	8	0.9	2.7
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	1	0.3	0.7
	hexachlorobenzene	7	0.5	1.4
Cheese, Swiss	DDE p,p'	4	0.4	1.6
	dieldrin	3	0.4	1.1
	heptachlor epoxide	1	0.1	0.6
	hexachlorobenzene	0.5	0.4	0.5
Chicken, fried	DDE, p,p	1	0.4	0.6
	dieldrin	0.2	0.2	0.2
	dioxin	-	-	0.00003
Collards	chlordan, cis	0.5	0.2	0.4
	chlordan, trans	0.4	0.2	0.3
	DDE, p,p'	29	0.7	6.5
	DDT, o,p'	0.7	0.7	0.7
	DDT, p,p'	3	8	1.7
	dieldrin	4	0.2	1.5
	toxaphene	16	7	10
Cornbread	DDE p,p'	1	0.3	0.7
	dieldrin	1	1	1
	heptachlor	2	2	2
Cream, half and half	DDE p,p'	21	0.2	2.8
	dieldrin	1	0.1	0.4
	dioxin	-	-	0.0004
	heptachlor epoxide	0.5	0.1	0.3
	hexachlorobenzene	0.1	0.1	0.1
Eggs, fried	DDE p,p'	2	0.4	0.9
	dieldrin	0.7	0.2	0.4
	dioxin	-	-	0.00003
Grapes	DDE p,p'	0.7	0.4	0.5
	dieldrin	0.8	0.8	0.8
Ham	DDT p,p'	0.5	0.5	0.5
	dioxin	0.0003	0.00003	0.000165
	hexachlorobenzene	0.4	0.2	0.3
Ice cream, vanilla	DDE p,p'	3	0.1	1.4
	dieldrin	0.3	0.3	0.3
	dioxin	-	-	0.0004
	hexachlorobenzene	0.1	0.1	0.1
Mayonnaise	DDE p,p'	1	1	1
	dieldrin	3	0.3	1.1

Appendix D continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Milk, whole	DDE p,p'	11	0.1	1.5
	dieldrin	0.3	0.1	0.1
	dioxin	-	-	0.00004
	heptachlor epoxide	0.1	0.1	0.1
Mustard, yellow	DDT p,p'	1	0.2	0.6
Peaches	DDE, p,p'	5	0.5	2.8
	dieldrin	0.2	0.2	0.2
Popcorn	chlordane	87	21	54
	chlordane, cis	2	1	1.3
	chlordane, trans	3	2	2.3
	dieldrin	2	0.5	1.5
	toxaphene	26	9	17.5
Pork sausage	DDE, p,p	30	0.5	3.8
	DDT, p,p	19	0.2	4.3
	dieldrin	0.8	0.4	0.6
	dioxin	0.0003	0.00003	0.000165
	heptachlor epoxide	0.6	0.6	0.6
	hexachlorobenzene	2	2	2
Potato chips	chlordane, cis	0.4	0.4	0.4
	DDE, p,p	7	0.5	2.3
	DDT	1	0.6	0.9
	dieldrin	4	0.6	1.3
	heptachlor epoxide	0.6	0.2	0.4
Squash, summer	chlordane	15	15	15
	chlordane, cis	1	0.1	0.6
	chlordane, trans	0.4	0.2	0.3
	DDE, p,p	8	1	2.8
	DDT, p,p	3	3	3
	dieldrin	76	0.3	15.3
	endrin	2	0.4	1.2
	heptachlor epoxide	2	0.9	1.5
	hexachlorobenzene	0.7	0.2	0.5
toxaphene	31	14	21.5	
Watermelon	hexachlorobenzene	1	0.7	0.9

* micrograms of chemical per kilogram of food

D-3: POPs Contaminants in Northeastern Sample Diet

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Bagel	heptachlor	0.6	0.6	0.6
	DDE p,p'	4	0.3	1.1
	dieldrin	1	0.1	0.5
Beef chuck roast	heptachlor epoxide	0.5	0.1	0.3
	hexachlorobenzene	0.3	0.3	0.3
	dioxin	-	-	0.00065
Butter	chlordane	13	13	13
	DDE p,p'	102	3	25.7
	dieldrin	8	0.9	2.7
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	1	0.3	0.7
	hexachlorobenzene	7	0.5	1.4
	DDE p,p'	0.6	0.6	0.6
Cantaloupe	dieldrin	3	0.2	1.2
	endrin	2	2	2
	heptachlor epoxide	0.5	0.5	0.5
	toxaphene	75	10	27.8
	DDE p,p'	7	0.2	2
Carrots	DDT p,p'	0.7	0.7	0.7
	dieldrin	0.3	0.3	0.3
	DDE p,p'	5	0.4	2
Celery	DDT o,p'	0.5	0.4	0.5
	DDT p,p'	3	0.3	1.2
	dieldrin	0.7	0.7	0.7
	DDE p,p'	0.1	0.1	0.1
Cole slaw	DDT o,p'	2	2	2
	DDT p,p'	3	0.1	1.1
	dieldrin	0.8	0.1	0.4
	DDE p,p'	5	0.2	1.9
Clam chowder	dieldrin	0.3	0.1	0.2
	DDE p,p'	3	0.4	1.2
Cookies, sugar	DDT p,p'	0.7	0.7	0.7
	DDE p,p'	13	0.7	4.4
Cream cheese	dieldrin	3	0.4	1.1
	dioxin	-	-	0.0003
	heptachlor epoxide	2	0.2	0.9
	hexachlorobenzene	0.5	0.3	0.4

Appendix D continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration n (ppb)*
French fries	chlordane, cis	0.7	0.7	0.7
	DDE p,p'	2	0.2	0.8
	DDT p,p'	0.4	0.4	0.4
	dieldrin	0.7	0.1	0.4
Ketchup	chlordane, cis	0.2	0.2	0.2
	DDE p,p'	2	0.2	0.6
	DDE p,p'	15	1	9.2
Lox (salmon)	DDT p,p'	5	5	5
	dieldrin	4	2	2.6
	heptachlor epoxide	0.5	0.1	0.3
	hexachlorobenzene	1	0.4	0.8
Mayonnaise	DDE p,p'	1	1	1
	dieldrin	3	0.3	1.1
Milk, 2 percent	DDE p,p'	5	0.2	1.1
	dieldrin	0.2	0.1	0.1
	dioxin	-	-	0.0003
Mustard, yellow	DDT p,p'	1	0.2	0.6
	DDE p,p'	4	0.9	2.6
Peanut butter	dieldrin	3	0.3	1.2
	hexachlorobenzene	0.2	0.2	0.2
	toxaphene	70	3	33.9
	DDE p,p'	6	0.3	1.8
Potato, baked	DDT o,p'	0.4	0.2	0.3
	DDT p,p'	5	0.6	1.7
	dieldrin	4	0.3	1.3
	DDE p,p'	2	0.5	1.1
Raisins	DDT p,p'	0.7	0.3	0.6
	DDE p,p'	3	0.3	1
Tuna, canned in oil	dieldrin	0.5	0.4	0.5
	hexachlorobenzene	0.5	0.5	0.5

* micrograms of chemical per kilogram of food

D-4: POPs Contaminants in Midwestern Sample Diet

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Bacon	DDE p,p'	2	0.4	1.3
	DDT p,p'	3	1	1.7
	dieldrin	0.7	0.3	0.5
	dioxin	0.0003	0.00003	0.000165
	hexachlorobenzene	0.6	0.3	0.5
Cheese, American	DDE p,p'	48	0.8	6.6
	dieldrin	2	0.2	0.8
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	0.9	0.2	0.6
	hexachlorobenzene	0.7	0.3	0.6
Cherries, sweet,	DDE p,p'	0.8	0.3	0.6
Cookies, chocolate chip	DDT p,p'	1	0.3	0.8
Cottage cheese	DDE p,p'	5	0.3	1.6
	dieldrin	0.5	0.1	0.3
	dioxin	-	-	0.00004
Cream, half and half	DDE p,p'	21	0.2	2.8
	dieldrin	1	0.1	0.4
	dioxin	-	-	0.00004
	heptachlor epoxide,	0.5	0.1	0.3
	hexachlorobenzene	0.1	0.1	0.1
Eggs, scrambled	DDE p,p'	2	0.4	1
	dieldrin	0.2	0.2	0.2
	dioxin	-	-	0.00003
Grapes	DDE p,p'	0.7	0.4	0.5
	dieldrin	0.8	0.8	0.8
Green Beans	DDE p,p'	3	0.5	1.5
	dieldrin	0.2	0.2	0.2
Hash Browns (boiled potatoes)	DDE p,p'	0.5	0.3	0.4
	dieldrin	0.5	0.5	0.5
Meatloaf	DDE p,p'	10	0.6	2.5
	dieldrin	0.9	0.2	0.5
	dioxin	-	-	0.0015
	heptachlor epoxide	0.4	0.1	0.2
	hexachlorobenzene	0.3	0.1	0.2
Milk, whole	DDE p,p'	11	0.1	1.5
	dieldrin	0.3	0.1	0.1
	dioxin	-	-	0.00004
	heptachlor epoxide	0.1	0.1	0.1
Mushroom sauce	DDE p,p'	2	2	2
	dieldrin	2	2	2
Peaches	DDE p,p'	5	0.5	2.8
	dieldrin	0.2	0.2	0.2

Appendix D continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Pickles, sweet	chlordane	0.9	0.9	0.9
	chlordane cis	2	0.2	0.8
	chlordane trans	1	0.2	0.4
	DDE p,p'	1	0.9	1
	dieldrin	9	0.4	3.6
	heptachlor epoxide	0.9	0.5	0.7
	toxaphene	34	10	22.9
Potato, baked	DDE p,p'	6	0.3	1.8
	DDT o,p'	0.4	0.2	0.3
	DDT p,p'	5	0.6	1.7
	dieldrin	4	0.3	1.3
Potato chips	chlordane, cis	0.4	0.4	0.4
	DDE p,p'	7	0.5	2.3
	DDT p,p'	1	0.6	0.9
	dieldrin	4	0.6	1.3
	heptachlor epoxide	0.6	0.2	0.4
Pumpkin pie	chlordane, cis	0.2	0.2	0.2
	DDE, p,p'	3	0.2	1.3
	dieldrin	9	0.6	3.2
Sour Cream	DDE p,p'	17	0.2	3.1
	dieldrin	2	0.2	0.6
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	0.4	0.1	0.2
	hexachlorobenzene	0.4	0.2	0.3

* micrograms of chemical per kilogram of food

D-5: POPs Contaminants in Western Sample Diet

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Apple	DDE p,p'	0.4	0.4	0.4
Blueberry muffin	DDE, p,p'	0.4	0.4	0.4
Cantaloupe	DDE p,p'	0.6	0.6	0.6
	dieldrin	3	0.2	1.2
	endrin	2	2	2
	heptachlor epoxide	0.5	0.5	0.5
	toxaphene	75	10	27.8
Carrots	DDE p,p'	7	0.2	2
	DDT p,p'	0.7	0.7	0.7
	dieldrin	0.3	0.3	0.3
Cheese, cheddar	DDE p,p'	30	0.5	4.9
	dieldrin	5	0.2	1.2
	dioxin	0.0007	0.00004	0.00037
	heptachlor epoxide	2	0.1	0.7
	hexachlorobenzene	0.6	0.3	0.5
Cucumber	chlordane	26	26	26
	chlordane, cis	2	0.4	0.9
	chlordane, trans	2	0.4	1.1
	DDE, p,p'	3	3	3
	dieldrin	26	0.6	6.3
	endrin	1	1	1
	heptachlor epoxide	8	0.1	2.8
toxaphene	56	3	24.4	
Dressing, French	dieldrin	0.5	0.4	0.5
Granola	DDE p,p'	0.4	0.4	0.4
Green pepper	DDE p,p'	3	0.4	1.2
Milk, reduced fat (2%)	DDE p,p'	5	0.2	1.1
	dieldrin	0.2	0.1	0.1
	dioxin	-	-	0.00004
Milk, skim	DDE, p,p'	0.2	0.2	0.2
	DDE p,p'	7	0.9	2.5
Peanuts	dieldrin	5	0.2	1.4
	hexachlorobenzene	0.2	0.2	0.2
	toxaphene	105	3	35.6
Potatoes	DDE p,p'	0.5	0.3	0.4
	dieldrin	0.5	0.5	0.5

Appendix D continued

Food Item	Chemical	Maximum Concentration (ppb)*	Minimum Concentration (ppb)*	Average Concentration (ppb)*
Radish	chlordanane, cis	0.5	0.4	0.5
	chlordanane, trans	0.4	0.3	0.4
	DDE p,p'	8	0.2	2.1
	DDT o,p'	0.5	0.2	0.3
	DDT p,p'	2	0.2	1
	dieldrin	4	0.4	1.2
	endrin	2	0.6	1.3
	heptachlor epoxide	1	1	1
	toxaphene	21	5	13
Salmon, baked	DDE p,p'	15	1	9.2
	DDT p,p'	5	5	5
	dieldrin	4	2	2.6
	heptachlor epoxide	0.5	0.1	0.3
	hexachlorobenzene	1	0.4	0.8
Sherbet	DDE p,p'	3	0.3	1.3
	dieldrin	0.3	0.3	0.3
Spinach	DDE p,p'	37	0.9	11.5
	DDT o,p'	4	0.3	1.6
	DDT p,p'	8	0.3	2.5
	dieldrin	10	0.4	2.5
	heptachlor epoxide	2	2	2
Squash, summer	toxaphene	8	3	5.3
	chlordanane	15	15	15
	chlordanane, cis	1	0.1	0.6
	chlordanane, trans	0.4	0.2	0.3
	DDE, p,p	8	1	2.8
	DDT, p,p	3	3	3
	dieldrin	76	0.3	15.3
	endrin	2	0.4	1.2
	heptachlor epoxide	2	0.9	1.5
	hexachlorobenzene	0.7	0.2	0.5
Strawberries	toxaphene	31	14	21.5
	DDE p,p'	1	0.5	0.8
	dieldrin	1	0.2	0.5
Yogurt, lowfat (fruit mixed in)	toxaphene	15	15	15
	DDE p,p'	1	0.2	0.6
	dioxin	0.0007	0.00004	0.00037

* micrograms of chemical per kilogram of food