

Dietary intakes (ng/kg bw/day) of pesticide residues for Canadians in different age-sex groups from Total Diet Study in Whitehorse, 1998

Pesticide	0-1	2-3	4-6	7-9	9-12	1-4	5-11	12-19	20-39	40-64	65+	12-19	20-39	40-64	65+	All ages	
	month	months	months	months	months	years	years	years	years	years	years	years	years	years	years	Canadians	
	M & F	M & F	M & F	M & F	M & F	M & F	M & F	M	M	M	M	F	F	F	F	M & F	
	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Anizaline	0.00	0.00	0.00	0.00	4.05	36.21	61.44	23.54	16.41	16.21	31.14	15.26	10.61	24.17	31.04	19.57	0.02
Azinphos-methyl	3.22	7.86	5.35	3.27	8.95	16.72	11.16	4.81	3.80	2.63	2.64	5.75	2.63	4.24	6.59	4.08	0.08
Bromopropylate	1.07	0.07	1.61	0.56	4.03	4.86	1.62	0.94	1.60	0.58	0.26	1.46	1.57	1.11	0.89	1.10	<0.01
Captan	0.00	0.00	154.46	0.50	143.59	1350.01	1935.13	799.63	555.08	550.95	1047.84	529.96	362.44	845.91	1250.00	669.01	0.67
Chlordane, total	0.00	0.00	0.00	0.00	0.00	0.11	0.13	0.10	0.09	0.05	0.05	0.12	0.05	0.08	0.02	0.07	0.01
Chlorfenvinphos	0.00	0.00	0.00	0.00	0.96	8.56	14.53	5.57	3.88	3.83	7.37	3.61	2.51	5.72	7.34	4.63	0.93
Chlorothalonil	0.00	0.00	38.08	0.65	0.00	4.41	8.14	0.95	13.29	3.97	4.35	0.78	3.56	5.99	1.14	4.78	0.02
Chlorpropham	1095.30	930.94	326.08	703.12	1796.63	2121.45	1859.21	1505.25	1108.62	790.53	864.31	988.27	748.91	613.29	612.37	869.29	2.90
Chlorpyrifos	65.68	76.28	17.26	38.14	22.17	24.73	20.10	11.58	8.71	8.02	7.27	8.34	7.65	7.66	5.99	8.33	0.08
Coumaphos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Dacthal	0.00	0.00	1.17	0.00	0.01	0.22	0.30	0.11	0.47	0.18	0.20	0.10	0.21	0.27	0.11	0.21	<0.01
DDT, total	20.39	35.46	25.41	23.58	17.18	11.32	9.24	6.20	4.79	3.61	3.02	5.25	3.30	3.17	2.19	4.02	0.04
Diazinon	0.82	4.23	3.23	1.72	1.37	1.00	0.73	0.46	0.32	0.33	0.27	0.32	0.23	0.20	0.26	0.30	0.02
Dichloran	0.00	0.11	4.45	180.92	1.62	56.80	46.96	27.60	44.30	56.08	66.50	40.37	50.97	93.99	92.27	49.24	0.49
Dicofol	0.85	0.06	1.55	0.78	4.44	7.31	4.88	2.30	2.53	2.62	2.26	3.14	2.59	3.44	3.24	2.63	0.13
Dieldrin	0.71	0.27	0.10	0.17	2.85	1.52	1.70	1.20	1.08	0.61	0.54	0.96	0.79	0.85	0.44	0.81	0.81
Dimethoate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Disulfoton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Endosulfan, total	61.67	68.02	18.98	29.35	53.63	28.18	29.29	20.07	20.00	13.73	12.69	16.66	16.42	21.41	11.22	16.13	0.27
Endrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Ethion	0.22	0.02	0.34	0.12	0.86	1.18	0.47	0.28	0.37	0.14	0.07	0.39	0.37	0.26	0.20	0.27	0.01
Fensulfothion	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.10	0.26	0.07	0.12	0.18	0.18	0.03	0.12	0.04
Fenthion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Fenvalerate, total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Fonofos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HCB	0.39	0.24	0.08	0.18	0.23	0.78	0.72	0.56	0.50	0.38	0.28	0.43	0.39	0.35	0.20	0.38	0.06
HCH, α -	0.80	1.22	0.12	1.72	2.59	2.79	2.04	1.18	0.59	0.62	0.60	0.74	0.50	0.44	0.42	0.68	
HCH, β -	0.34	0.67	0.04	0.73	1.61	1.65	1.36	0.89	0.51	0.40	0.34	0.49	0.30	0.32	0.24	0.47	
HCH, γ -	2.56	1.15	0.23	1.57	2.96	4.41	3.49	2.25	1.40	1.07	0.86	1.77	1.02	0.78	0.70	1.28	0.13
Heptachlor, total	0.03	0.14	0.05	0.07	0.13	0.36	0.35	0.28	0.19	0.15	0.10	0.20	0.16	0.10	0.07	0.16	0.16

Iprodione	55.69	61.77	41.71	40.64	70.04	354.90	556.92	222.04	154.74	168.20	290.61	149.38	105.03	230.51	294.74	186.87	0.31
Linuron	1.24	0.04	0.88	1.38	1.64	1.67	1.11	0.57	0.53	0.64	0.62	0.64	0.73	0.58	0.59	0.59	0.03
Malathion	1.21	2.00	6.78	10.60	25.70	33.23	26.95	15.05	10.88	9.99	8.30	13.78	9.75	8.29	8.42	10.69	<0.01
Methidathion	0.98	3.44	3.62	2.30	3.04	3.00	1.36	0.87	1.10	0.49	0.31	1.23	1.05	0.83	0.58	0.82	0.08
Methoxychlor	12.68	101.46	83.08	33.49	17.83	0.80	0.26	0.13	0.12	0.11	0.12	0.20	0.10	0.10	0.10	0.22	<0.01
Methyl parathion	293.13	327.67	72.59	121.30	21.96	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Monolinuron	0.00	0.00	0.01	0.24	0.13	0.66	0.60	2.10	6.65	6.50	5.03	1.81	7.18	7.25	4.67	4.51	
Nonachlor, trans -	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.07	0.11	0.06	0.07	0.11	0.05	0.11	0.02	0.07	
Oxychlorane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Parathion	0.002	0.004	0.24	0.170	0.251	0.011	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	<0.01
Phorate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Phorate sulfone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Phosalone	7.86	14.07	10.69	7.67	7.83	2.83	2.02	0.71	0.55	0.32	0.31	0.87	0.44	0.48	0.38	0.60	<0.01
Phosmet	42.08	66.97	12.56	34.60	12.50	19.05	9.45	4.09	5.24	4.12	2.75	5.09	4.91	4.75	4.37	4.63	0.05
Procyimdone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Quintozene	0.00	0.04	0.00	0.00	0.00	0.11	0.10	0.08	0.04	0.03	0.02	0.03	0.01	0.02	0.01	0.03	<0.01
Simazine	0.00	0.00	0.12	0.00	0.02	0.17	0.13	0.09	0.04	0.03	0.05	0.08	0.06	0.04	0.05	0.05	<0.01
Tecnazene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Terbuphos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Tetrachlorvinphos	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.03	0.02	0.03	0.03	0.03	0.05	0.04	0.01	0.02	<0.01
Tetradifon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Triadimefon	0.00	0.00	0.00	0.00	0.23	1.02	0.33	0.60	0.36	0.50	0.48	0.53	0.90	0.73	0.19	0.49	<0.01
Trifluralin	0.41	0.18	2.20	1.97	2.44	1.15	0.72	0.43	0.37	0.34	0.34	0.34	0.32	0.29	0.27	0.34	<0.01
Vinclozolin	0.38	0.07	0.71	0.24	0.37	3.95	2.72	2.38	1.31	1.35	1.48	1.58	1.02	1.55	2.71	1.45	0.01

* ADI: Acceptable Daily Intake, from World Health Organization (WHO)