

Average dietary intakes (ng/kg bw/day) of pesticide residues for Canadians in different age-sex groups from the 1993 to 1996 Total Diet Study

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	% of ADI*
	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	
Anizaline	0.00	0.00	0.00	0.01	0.00	0.03	0.04	0.06	0.17	0.25	0.23	0.07	0.21	0.27	0.25	0.15	< 0.01
Azinphos-methyl	0.98	91.93	9.24	95.15	87.46	86.25	50.17	15.90	17.69	18.47	14.06	21.68	16.36	20.55	20.85	19.39	0.39
Bromopropylate	0.29	0.06	0.45	0.16	1.24	1.62	0.64	0.47	0.54	0.21	0.14	0.48	0.52	0.40	0.29	0.39	< 0.01
Captan	7.86	30.61	50.73	18.43	28.35	110.72	63.69	42.22	32.49	32.29	49.31	35.72	22.08	54.62	115.99	38.56	0.04
Chlordane, total	0.04	0.04	0.00	0.00	0.36	0.17	0.20	0.15	0.13	0.07	0.06	0.11	0.08	0.11	0.05	0.10	0.02
Chlorfenvinphos	0.00	0.00	0.12	0.00	0.10	0.13	0.10	0.06	0.06	0.07	0.12	0.04	0.04	0.06	0.06	0.05	0.01
Chlorothalonil	0.00	0.00	0.26	0.42	0.33	0.41	0.43	0.31	0.43	0.31	0.36	0.30	0.41	0.49	0.39	0.34	< 0.01
Chlorpropham	260.89	245.91	117.37	182.03	385.58	446.61	360.38	292.55	229.95	162.60	163.62	194.27	150.74	117.96	116.45	173.40	0.58
Chlorpyrifos	6.63	31.48	36.97	26.08	24.86	6.46	5.31	3.31	2.81	2.88	1.87	2.87	2.52	2.69	1.61	2.64	0.03
Coumaphos	0.12	0.68	0.79	0.55	0.43	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	< 0.01
Dacthal	0.00	0.00	1.65	0.17	0.23	0.55	0.59	0.23	0.68	0.37	0.51	0.18	0.31	0.49	0.29	0.37	< 0.01
DDT, total	3.07	3.19	5.04	4.77	5.98	6.45	5.74	3.93	2.77	2.23	1.87	2.97	2.16	1.94	1.58	2.44	0.02
Diazinon	1.74	3.48	2.06	2.52	3.86	4.59	4.31	2.59	1.87	1.77	1.52	2.14	1.79	1.96	1.64	1.88	0.09
Dichloran	404.67	2225.47	2666.14	2439.59	2611.23	509.41	227.96	69.84	81.73	114.74	110.61	92.26	92.51	123.23	120.65	107.74	1.08
Dicofol	2.12	30.97	15.60	12.17	55.21	122.23	117.43	44.93	33.24	24.47	32.35	45.26	25.30	36.79	36.64	36.36	1.82
Dieldrin	0.73	0.61	0.18	0.42	8.93	3.13	3.83	2.76	2.72	1.41	1.41	2.20	1.96	2.16	1.23	1.94	1.94
Dimethoate	0.00	0.00	0.00	0.01	0.01	0.06	0.02	0.01	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.02	< 0.01
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	< 0.01
Endosulfan, total	12.96	45.01	52.88	40.53	87.62	41.70	48.77	28.66	27.58	20.43	20.43	23.17	22.45	32.47	19.68	23.83	0.40
Endrin	0.00	0.08	0.01	0.09	0.01	0.03	0.04	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.01	< 0.01
Ethion	0.43	0.87	2.14	1.95	2.36	2.77	1.66	0.95	0.87	0.72	0.61	1.05	0.98	1.05	0.85	0.87	0.04
Fensulfothion	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	< 0.01
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	< 0.01
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	< 0.01
Fonofos	0.00	0.03	0.00	0.00	0.00	0.08	0.08	0.06	0.03	0.02	0.01	0.02	0.01	0.01	0.01	0.03	
HCB	0.06	0.07	0.01	0.03	0.06	0.25	0.22	0.16	0.12	0.09	0.06	0.11	0.09	0.08	0.05	0.10	0.02
HCH, α-	0.50	0.47	0.04	0.55	0.85	1.31	1.05	0.69	0.40	0.32	0.26	0.45	0.25	0.23	0.18	0.37	
HCH, β-	0.10	0.42	0.00	0.00	0.14	1.20	1.15	0.91	0.53	0.34	0.21	0.42	0.15	0.22	0.15	0.39	
HCH, γ-	2.15	0.89	0.08	1.37	3.72	4.08	3.42	2.20	1.57	1.04	0.87	1.88	1.07	0.87	0.75	1.32	0.13
Heptachlor, total	0.01	0.02	0.00	0.00	0.37	0.15	0.17	0.13	0.13	0.06	0.05	0.09	0.08	0.08	0.05	0.08	0.08
lprodione	24.35	131.40	180.63	228.87	326.42	102.10	52.24	17.46	17.42	25.55	25.52	19.79	18.67	22.38	25.45	22.31	0.04

Linuron	1.58	0.42	1.20	2.68	3.53	2.81	1.75	0.83	0.80	0.97	0.92	0.95	1.06	0.88	0.90	0.89	0.04
Malathion	16.52	30.91	19.03	32.32	47.61	89.25	83.56	53.34	40.49	38.41	31.55	41.86	31.96	28.55	31.77	36.44	0.01
Methidathion	0.58	0.84	1.17	1.28	2.42	3.41	1.42	0.76	1.10	0.58	0.38	1.13	1.13	0.94	0.76	0.86	0.09
Methoxychlor	0.00	8.76	2.70	0.48	22.52	44.41	34.22	12.66	9.52	5.41	4.05	16.02	7.68	8.11	5.99	9.95	< 0.01
Methyl parathion	0.00	0.00	0.32	2.43	5.18	1.87	0.91	0.26	0.28	0.42	0.38	0.33	0.32	0.39	0.39	0.37	0.01
Monolinuron	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	
Nonachlor, trans -	0.00	0.01	0.00	0.01	0.01	0.03	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02	
Oxychlor dane	0.00	0.02	0.06	0.06	0.13	0.06	0.04	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02	< 0.01
Parathion	0.00	0.00	0.00	0.00	0.13	0.04	0.05	0.04	0.05	0.02	0.02	0.04	0.04	0.04	0.02	0.03	< 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	< 0.01
Phorate sulfone	0.00	0.00	0.00	0.01	0.01	0.06	0.03	0.01	0.03	0.03	0.02	0.03	0.03	0.02	0.01	0.02	< 0.01
Phosalone	0.83	43.19	15.23	11.51	86.95	168.34	130.85	48.14	36.30	20.74	16.38	60.30	29.25	31.04	23.30	37.99	0.19
Phosmet	0.01	3.31	0.52	2.75	1.57	2.75	2.34	1.20	1.19	1.15	1.02	1.06	0.97	1.06	1.04	1.07	0.01
Procymidone	0.00	0.00	0.00	0.02	0.00	1.06	0.69	1.04	0.56	0.39	0.32	0.55	0.46	0.57	0.19	0.48	< 0.01
Quintozene	0.00	0.12	0.01	0.02	0.02	0.31	0.29	0.23	0.13	0.09	0.05	0.09	0.04	0.06	0.04	0.10	< 0.01
Simazine	0.00	0.00	10.49	0.01	0.05	1.31	2.23	0.30	3.53	1.07	1.21	0.21	0.97	1.55	0.32	1.28	0.03
Tecnazene	0.05	0.09	0.01	0.10	0.15	0.21	0.16	0.10	0.05	0.05	0.04	0.05	0.03	0.03	0.03	0.05	< 0.01
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	< 0.01
Tetrachlorvinphos	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	< 0.01
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	< 0.01
Triadimefon	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	< 0.01
Trifluralin	2.70	0.57	2.70	3.17	4.39	4.43	3.18	1.76	1.75	1.71	1.70	1.75	1.93	1.70	1.58	1.67	< 0.01
Vinclozolin	0.12	0.59	0.72	0.56	0.59	0.87	0.78	0.66	0.31	0.23	0.41	0.24	0.22	0.38	0.36	0.33	< 0.01

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