

Dioxins/Furans in Alaskan Fish, 2001-2012

Concentrations in parts/trillion wet weight

Species	Tissue	N	2,3,7,8-Tetrachloro-dibenzo-dioxin			Sum of 4 to 8 Chlorine Dioxins/Furans		
			Mean ± Std Dev	Median	Range	Mean ± Std Dev	Median	Range
Pacific Halibut	Fillet	60	ND	ND	ND - 0.14	1.0 ± 2.4	0.56	0.30 - 1.9
Pacific Cod	Fillet	25	ND	ND	ND	1.1 ± 3.2	0.47	0.34 - 1.7
Sablefish	Fillet	34	0.058 ± 0.039	0.053	ND - 0.16	1.9 ± 2.0	1.4	0.37 - 1.2
Walleye Pollock	Fillet	16	ND	ND	ND	0.52 ± 0.25	0.46	0.32 - 1.4
Dusky Rockfish	Fillet	15	ND	ND	ND - 0.052	0.37 ± 0.11	0.34	0.29 - 0.69
Eulachon	Whole Composite	7	0.10 ± 0.19	ND	ND - 0.54	0.80 ± 0.43	0.66	0.42 - 1.6
Pacific Herring	Whole Composite	10	ND	ND	ND - 0.053	0.55 ± 0.18	0.52	0.34 - 0.96
Chinook Salmon	Fry Composite	6	ND	ND	ND - 0.050	0.49 ± 0.15	0.43	0.34 - 0.68
	Juvenile	3	ND	ND	ND - 0.066	0.36 ± 0.042	0.38	0.31 - 0.39
	Fillet	77	ND	ND	ND - 0.11	2.7 ± 2.0	2.0	0.51 - 9.3
	Whole	15	ND	0.052	ND - 0.080	4.6 ± 1.2	4.6	2.6 - 6.4
Sockeye Salmon	Eggs	1			ND			0.42
	Fillet	66	ND	ND	ND - 0.088	1.4 ± 0.94	1.1	0.27 - 4.8
	Whole	15	0.051 ± 0.019	0.059	ND - 0.077	1.4 ± 0.76	1.2	0.34 - 3.2
Coho Salmon	Eggs	15	0.047 ± 0.024	0.051	ND - 0.10	0.76 ± 0.30	0.67	0.33 - 1.5
	Fry Composite	4	ND	ND	ND - 0.052	0.41 ± 0.083	0.41	0.31 - 0.52
	Juvenile	6	ND	ND	ND - 0.067	0.38 ± 0.043	0.38	0.31 - 0.44
	Fillet	110	ND	ND	ND - 0.094	0.53 ± 0.61	0.42	0.24 - 6.0
	Whole	61	ND	ND	ND - 0.075	0.63 ± 0.33	0.54	0.27 - 1.9
Chum Salmon	Fillet	58	ND	ND	ND - 0.082	0.70 ± 0.34	0.61	0.29 - 2.2
	Whole	2		ND	ND		0.79	0.72 - 0.86
Pink Salmon	Fillet	34	ND	ND	ND - 0.054	0.63 ± 0.81	0.44	0.27 - 5.1
Arctic Char	Fillet	1			0.08			0.72
Lake Trout	Fillet	9	0.045 ± 0.016	0.052	ND - 0.062	1.1 ± 0.58	1.3	0.46 - 2.1
Sheefish	Fillet	8	ND	ND	ND	0.50 ± 0.22	0.43	0.37 - 1.0

ND: not detected

Non-detects are treated as 1/2 the Detection Limit for Mean and Std Dev

Range of ND: 0.04-0.14 pg/g