

Table 18 Seasonal variation of trace metal concentrations ($\mu\text{g/mL}$) in Jew fish (*Otolithoides microdon*) sample of the Karnafully River Estuary (Sarkar, 1998)

Representative organs	Season	Metal concentration ($\mu\text{g/mL}$)							
		Cr	Mn	Zn	Ni	Cu	Pb	Cd	Fe
Liver	Premonsoon	6.113	8.765	16.419	3.264	40.715	1.564	0.413	160.262
	Monsoon	5.067	3.909	9.825	2.862	11.291	0.501	0.297	130.012
	Postmonsoon	6.052	5.616	10.326	3.934	17.235	1.968	0.368	140.396
Muscle	Premonsoon	5.203	11.415	25.102	2.436	9.837	1.125	0.098	98.147
	Monsoon	3.051	5.617	41.016	1.978	8.371	1.161	0.375	39.372
	Postmonsoon	4.690	8.168	28.132	2.156	12.192	0.160	0.105	95.261
Gill	Premonsoon	7.831	4.983	43.026	5.521	19.431	1.123	0.554	208.968
	Monsoon	10.719	8.431	36.125	3.469	10.615	0.363	ND	147.021
	Postmonsoon	9.632	6.216	40.216	2.401	17.175	0.410	0.041	122.312
Brain	Premonsoon	7.685	6.132	18.512	1.562	7.619	1.012	0.730	112.016
	Monsoon	5.072	4.349	11.137	2.019	6.853	0.215	0.139	106.139
	Postmonsoon	8.160	12.293	15.021	1.039	6.981	0.837	0.147	130.325
Bone	Premonsoon	3.052	6.319	29.162	4.176	5.961	0.128	ND	55.252
	Monsoon	2.619	3.347	27.410	2.517	3.863	0.612	0.136	49.013
	Postmonsoon	2.953	4.216	33.625	3.062	11.132	0.571	0.421	31.315
Stomach	Premonsoon	4.974	4.343	12.121	2.012	4.563	0.496	0.395	60.152
	Monsoon	1.119	3.319	7.510	1.121	6.341	0.363	0.068	50.746
	Postmonsoon	2.241	5.492	11.029	1.342	5.712	0.562	0.097	55.421
Intestine	Premonsoon	2.135	5.612	9.325	0.381	5.019	0.525	0.041	9.216
	Monsoon	1.981	1.057	6.519	0.289	3.081	0.224	0.127	48.423
	Postmonsoon	2.030	3.304	8.612	0.519	4.801	0.382	0.052	51.461
Kidney	Premonsoon	1.954	3.061	7.521	0.961	4.018	0.506	0.250	11.016
	Monsoon	1.021	1.527	11.134	0.614	3.424	0.258	0.090	10.026
	Postmonsoon	2.016	2.137	9.025	0.825	3.612	0.577	0.201	22.794
Heart	Premonsoon	1.769	1.650	8.619	0.671	2.712	0.398	0.312	7.326
	Monsoon	1.317	1.459	6.685	0.997	1.514	ND	ND	12.976
	Postmonsoon	1.618	1.861	7.826	0.832	2.135	0.612	0.218	60.416
Air-bladder	Premonsoon	1.973	1.251	5.422	1.016	2.892	0.404	0.027	21.021
	Monsoon	1.026	2.613	8.025	0.140	3.749	0.316	0.016	14.347
	Postmonsoon	1.531	1.776	6.543	0.863	3.451	ND	0.057	6.532