

Wild Resources, Harvest Data and Food Security in Nunavut's Qikiqtaaluk Region: A Diachronic Analysis

George W. Wenzel,¹ Jessica Dolan² and Chloe Brown³

APPENDIX 1

TABLE S1. Annual harvest volume and food availability summary for communities in the Qikiqtaaluk region.

Community-Year	1980	1981	1982	1983	1984	1996–97	1997–98	1998–99	1999–2000	2000–01
Arctic Bay	387	375	387	400	413	660	654	654	658	669
Total biomass (kg)	410379	291685	278704	305575	237146	243939	195410	186835	193605	198785
Edible biomass (kg)	184670	141726	136610	143284	112530	123425	101782	92651	93303	95886
EW/person/year (kg)	477	378	353	358	273	187	155	142	142	143
EW/person/day (g)	1306	1035	967	980	748	512	426	388	388	406
Qikiqtarjuaq	378	391	403	411	421	507	507	515	523	540
Total biomass (kg)	695262	400568	357312	337618	256752	282532	119451	235131	104799	150298
Edible biomass (kg)	284194	165390	169396	156294	125010	108688	40432	78313	35521	54107
EW/person/year (kg)	752	423	420	380	297	214	80	152	68	100
EW/person/day (g)	2060	1158	1150	1041	813	546	219	416	186	273
Cape Dorset	784	797	811	819	828	1150	1147	1168	1181	1194
Total biomass (kg)	401462	387362	379924	347238	267635	219513 ¹	232827	177512	244420	223293
Edible biomass (kg)	207792	202875	203878	182580	144283	119009 ¹	126846	97791	130516	120884
EW/person/year (kg)	265	254	248	220	174	104 ¹	110	84	110	101
EW/Person/day (g)	726	695	679	602	476	284 ¹	301	230	301	276
Clyde River	444	443	462	481	493	708	727	747	766	785
Total biomass (kg)	299259	275149	210213	277132	166367	190094	171671	147171	157265	148238
Edible biomass (kg)	137037	120147	106088	133249	72560	90477	87587	76010	80872	76907
EW/person/year (kg)	308	271	229	277	147	127	120	101	105	98
EW/person/day (g)	843	742	627	575	402	348	328	276	289	268
Grise Fiord	106	108	111	112	114	152	154	161	163	164
Total biomass (kg)	122452	114354	97142	92978	79633	80649	59775	60778	49586	40485
Edible biomass (kg)	47689	42562	38402	35331	30804	34070	25381	27071	19745	15425
EW/person/year (kg)	449	394	346	315	270	224	164	168	121	94
EW/person/day (g)	1230	1079	947	863	739	613	449	460	331	257
Hall Beach	398	349	374	399	437	565	569	586	595	619
Total biomass (kg)	228260	254576	195036	220299	331776	240996	221426	204113	220195	184196
Edible biomass (kg)	124865	147481	107270	122892	194194	132911	119547	109040	119325	101938
EW/person/year (kg)	314	422	286	308	444	235	210	186	200	164
EW/person/day (g)	860	1156	783	843	1217	643	575	509	547	449
Igloodik	777	746	761	791	814	1213	1215	1240	1273	1303
Total biomass (kg)	573698	378728	338944	540885	174566	403437	347478	379560	416345	372132
Edible biomass (kg)	311440	220674	206413	272543	97016	235065	205493	222434	245837	211935
EW/person/year (kg)	401	284	271	344	119	193	169	178	193	170
EW/person/day (g)	1098	778	743	942	326	538	463	487	529	467
Iqaluit-Apex	1469	1552	1635	1718	1801	2783	2990	3034	3171	3327
Total biomass (kg)	730509	302104	335910	315297	1032715	311706 ¹	382448	271694	276996	315685
Edible biomass (kg)	359938	149802	180370	157648	523611	160387 ¹	193677	151175	134348	162348
EW/person/year (kg)	245	96	110	91	290	57 ¹	65	50	42	49
EW/person/day (g)	671	264	302	249	794	156 ¹	178	137	115	134
Kimmirut	299	252	276	303	326	411	406	418	429	445
Total biomass (kg)	260671	183673	155919	154145	97697	111816	107960	132568	88002	79608
Edible biomass (kg)	114766	78165	74841	73865	39396	55773	54051	62217	44408	40030
EW/person/year (kg)	384	310	271	243	120	135	133	148	103	90
EW/person/day (g)	1050	850	742	665	331	371	364	407	282	246

¹ Corresponding author: Department of Geography, McGill University, Montréal, Québec H3A 0B9, Canada; wenzel@geog.mcgill.ca

² Department of Anthropology, McGill University, Montréal, Québec H3A 2T7, Canada

³ Community Food Centres Canada, Toronto, Ontario M6H 4A6, Canada

TABLE S1. Annual harvest volume and food availability summary for communities in the Qikiqtaaluk region – *continued*:

Community-Year	1980	1981	1982	1983	1984	1996–97	1997–98	1998–99	1999–2000	2000–01
Pangnirtung	838	881	922	961	998	1282	1279	1280	1288	1316
Total biomass (kg)	1514688	846971	1216636	942540	552388	934438	626193	638384	523348	548293
Edible biomass (kg)	520009	322005	452119	392488	215888	427692	323125	342324	279395	301597
EW/person/year (kg)	620	365	490	408	216	333	252	267	216	229
EW/person/day (g)	1700	1001	1343	1119	592	914	692	732	591	628
Pond Inlet	698	710	724	735	748	1195	1205	1211	1229	1251
Total biomass (kg)	537581	206198	486986	452630	357627	366547	354522	289565	343600	317816
Edible biomass (kg)	248698	99625	242300	230524	192039	187252	192217	157689	170112	146138
EW/person/year (kg)	356	140	329	313	256	156	159	130	138	117
EW/person/day (g)	976	383	903	859	703	429	437	356	379	320
Resolute	156	158	163	164	168	204	202	209	213	220
Total biomass (kg)	70689	50641	41590	37217	48520	16312	11345	13368	14989	14243
Edible biomass (kg)	37019	22985	18714	17351	27540	6500	4194	4977	5149	4844
EW/person/year (kg)	237	145	115	105	164	32	20	24	24	22
EW/person/day (g)	650	398	314	287	449	87	55	65	65	60
Sanikiluaq	368	377	389	397	405	650	649	673	681	707
Total biomass (kg)	212184	240878	221629	157848	322210	63978	101517	104216	80744	74524
Edible biomass (kg)	94894	99990	97516	72535	152402	25540	41099	45239	32776	29194
EW/person/year (kg)	258	265	250	182	376	39	63	67	48	41
EW/person/day (g)	706	726	684	500	1030	107	173	183	131	113
Qikiqtaaluk Pop.	7102	7139	7418	7691	7966	11,480	11704	11896	12170	12540
Total EW (kg)	2963658	1807688	2033917	2133868	1927273	1701311	1532460	1483122	1407288	1361233
EW/person/year (kg)	417	253	274	277	241	148	131	125	115	108
EW/person/day (g)	1142	693	750	759	660	405	359	342	315	295

¹ Total and edible biomass for 1996–97 for Cape Dorset and Iqaluit-Apex are derived by averaging these data for 1997–98 to 2000–01.