

Submitted for Proposal 202 by ADF&G at the request of Chair Spraker

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Estimated total caribou harvest by community, per capita caribou harvest by community, and data sources, GMUs 21, 22, 23, 24 and 26: Western Arctic caribou herd and Teshekpuk caribou herd.

### Unit 21

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Galena	1985	40	0.06	CSIS
	1996	40	0.07	CSIS
	1997	39	0.07	Andersen et al. 1998
	1998	7	0.01	Andersen et al. 2000
	1999	8	0.01	Andersen et al. 2001
	2001	0		Andersen et al. 2004
	2002	8	0.01	Brown et al. 2004
	2010	6	0.01	CSIS
Kaltag	1996	16	0.07	CSIS
	1997	8	0.03	Andersen et al. 1998
	1998	6	0.03	Andersen et al. 2000
	1999	0		Andersen et al. 2001
	2001	0		Andersen et al. 2004
	2002	0		CSIS
Nulato	1996	13	0.04	CSIS
	1997	3	0.01	Andersen et al. 1998
	1998	5	0.02	Andersen et al. 2000
	1999	0		Andersen et al. 2001
	2001	0		Andersen et al. 2004
	2010	0		CSIS

## Unit 22

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Brevig Mission	1984	0		CSIS
	1989	0		CSIS
	2000-2001	76	0.28	Georgette et al. 2002, unpubd data
	2005-2006	43	0.13	Ahmasuk et al.
	2011	46	0.11	Mikow et al. 2014
Elim	1999-2000	227	0.74	Georgette et al. 2000, unpubd data
	2005-2006	150	0.51	Ahmasuk et al.
	2010	83	0.25	Braem et al. 2014
Golovin	1989	40	0.22	CSIS
	2001	106	0.68	Georgette et al. 2002, unpubd data
	2010	17	0.11	Braem et al. 2014
	2012	64	0.37	CSIS
Koyuk	1998	263	0.90	Georgette 1999, unpubd data
	2004	414	1.19	ADF&G unpubd data
	2005-2006	447	1.21	Ahmasuk et al.
	2010	184	0.55	Braem et al. 2014
Nome	RY1999-00	522	0.15	Dept. Wildlife Conservation
	RY2002-03	109	0.03	Dept. Wildlife Conservation
	RY2003-04	125	0.04	Dept. Wildlife Conservation
	RY2004-05	46	0.01	Dept. Wildlife Conservation
	RY2005-06	95	0.03	Dept. Wildlife Conservation
	RY2006-07	111	0.03	Dept. Wildlife Conservation
	RY2007-08	57	0.02	Dept. Wildlife Conservation
	RY2008-09	106	0.03	Dept. Wildlife Conservation
	RY2009-10	137	0.04	Dept. Wildlife Conservation
	RY2010-11	112	0.03	Dept. Wildlife Conservation
	RY2012-13	112	0.03	Dept. Wildlife Conservation
	RY2013-14	137	0.04	Dept. Wildlife Conservation
Shaktolik	1998	167	0.75	Georgette 1999, unpubd data
	1999-2000	125	0.57	Georgette et al. 2000, unpubd data
	2003	198	0.89	CSIS
	2009	134	0.58	Braem et al. 2012
Shishmaref	2000-2001	299	0.53	CSIS
	2005-2006	827	1.42	Ahmasuk et al.
	2009	345	0.57	Braem et al. 2012
St. Michael	2003	48	0.12	Georgette et al. 2005, unpublished data

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## Unit 22, continued

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
St. Michael	2005-2006	17	0.04	Ahmasuk et al.
Stebbins	2002	0		CSIS
	2005-2006	21	0.03	Ahmasuk et al.
Teller	2000	21	0.08	Georgette et al. 2002, unpubd data
	2005-2006	0		Ahmasuk et al.
	2011	17	0.07	
Unalakleet	2002	167	0.23	CSIS
	2004	723	0.99	CSIS
	2005-2006	554	0.76	Ahmasuk et al.
Wales	1994	4	0.03	Magdanz et al. 2002
	2000-2001	0		Georgette et al. 2002, unpubd data
	2005-2006	7	0.05	Ahmasuk et al.
	2010	0		Braem et al. 2014
White Mtn.	1999-2000	93	0.47	Georgette et al. 2000, unpubd data
	2005-2006	50	0.22	Ahmasuk et al.
	2009	99	0.52	Braem et al. 2012

## Unit 23

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Ambler	2003	325	1.12	Georgette et al. 2005, unpublished data
	2009	456	1.75	Braem 2012
	2012	685	2.54	Braem et al. 2015
Buckland	2003	637	1.56	Magdanz et al. 2011
	2009	561	1.30	Braem 2012
Deering	1994	142	0.96	Magdanz et al. 2002
	2007-2008	182	1.37	Braem 2011
	2011-2012	237	1.91	Braem 2011
	2013	393	2.85	ADF&G unpublished data
Kiana	1999	488	1.23	ADF&G unpublished data
	2006	306	0.77	Magdanz et al. 2011
	2009	440	1.18	Braem 2012
Kivalina	1982	346	0.48	CSIS
	1983	564	0.78	CSIS
	1992	351	0.49	CSIS
	2007	268	0.67	Magdanz et al. 2010
	2010-2011	86	0.23	Braem et al. 2014
Kobuk	2004-2005	134	1.06	ADF&G unpublished data
	2009	210	1.72	Braem 2012
	2012	119	0.84	Braem et al. 2015
Kotzebue	1986	1917	0.71	Georgette and Loon 1993
	1991	3782	1.04	CSIS
	2001	2376	0.77	Whiting 2003
	2002	1719	0.56	Whiting 2003
	2003	1915	0.61	Whiting 2003
	2012-2013	1804	0.56	CSIS
	2013-2014	1629	0.51	ADF&G unpublished data
Noatak	1994	615	1.62	Magdanz et al. 2002
	1999	683	1.61	Georgette et al 2000., unpubd data
	2002	410	0.90	Georgette et al. 2004, unpubd data
	2007	441	0.90	Magdanz et al. 2010
	2010	66	0.13	Braem et al. 2014
	2011	360	0.66	Mikow et al. 2014
Noorvik	2002	988	1.46	Georgette et al. 2004, unpubd data
	2008	767	1.19	Braem et al. 2012
	2012	851	1.36	CSIS

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## Unit 23, continued

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Point Hope	1994-1995	355	0.49	Bacon et al. 2009, rev. 2011
	2000-2001	219	0.31	Bacon et al. 2009, rev. 2011
Selawik	1999	1289	1.68	CSIS
	2006	934	1.11	CSIS
	2011	683	0.79	Braem et al. 2013
Shungnak	1998	561	2.17	Georgette 1999, unpubd data
	2002	403	1.62	Magdanz et al. 2004
	2008	416	1.53	Braem 2012
	2012	396	1.47	Braem et al. 2015

## Unit 24

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Alatna/Allakaket	1982	5	0.03	Marcotte and Haynes 1985
	1983	0		CSIS
	1984	4	0.02	CSIS
Alatna	1997–1998	21	0.84	Andersen et al. 1998
	1998–1999	11	0.44	Andersen et al. 2000
	1999–2000	0		Andersen et al. 2001
	2001–2002	0		Andersen et al. 2004
	2002–2003	34	0.94	Brown et al. 2004
	2011	28	0.89	Holen et al. 2012
Allakaket	1997–1998	11	0.06	Andersen et al. 1998
	1998–1999	43	0.23	Andersen et al. 2000
	1999–2000	13	0.07	Andersen et al. 2001
	2001–2002	9	0.05	Andersen et al. 2004
	2002–2003	106	0.78	Brown et al. 2004
	2011	95	0.65	Holen et al. 2012
Anaktuvuk Pass	1990–1991	592	2.18	Pedersen and Opie 1991, unpubd.
	1991–1992	536	1.97	Pedersen and Opie 1992, unpubd.
	1992	600	2.21	Fuller and George 1997 [rev 1999]
	1993–1994	574	1.81	Pedersen and Opie 1994, unpubd.
	1994–1995	322	1.13	Brower and Opie 1996
	1996–1997	210	0.69	Bacon et al. 2009, rev. 2011
	1998–1999	500	1.62	Bacon et al. 2009, rev. 2011
	1999–2000	329	1.05	Bacon et al. 2009, rev. 2011
	2000–2001	732	2.60	Bacon et al. 2009, rev. 2011
	2001–2002	271	0.91	Bacon et al. 2009, rev. 2011
	2002–2003	436	1.44	Bacon et al. 2009, rev. 2011
	2006–2007	696	2.33	Pedersen & Nageak 2008 unpubd.
	2011	616	1.99	Holen et al. 2012
Bettles/Evansville	1982	11	0.17	Marcotte and Haynes 1985
	1983	5		CSIS
	1984	3		CSIS
	2002–2003	0		Brown et al. 2004
Bettles	1997–1998	0		Andersen et al. 1998
	1998–1999	25	0.82	Andersen et al. 2000
	1999–2000	21	0.31	Andersen et al. 2001
	2011	6	0.50	Holen et al. 2012
Evansville	1997–1998	3	0.06	Andersen et al. 1998
	1998–1999	4	0.13	Andersen et al. 2000
	1999–2000	2	0.08	Andersen et al. 2001

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## Unit 24, continued

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
	2011	0		Holen et al. 2012
Hughes	1982	0		Marcott and Haynes 1985
Huslia	1997-1998	56	0.26	Andersen et al. 1998
	1998-1999	264	1.08	Andersen et al. 2000
	1999-2000	78	0.31	Andersen et al. 2001
	2002-2003	82	0.38	Brown et al. 2004
Wiseman	2011	4	0.31	Holen et al. 2012

## Unit 26

Community	Year/Period	Est Caribou Harv.	# caribou per capita	Source
Atqasuk	1994–1995	262	1.17	Hepa et al. 1997
	1996–1997	398	1.77	Bacon et al. 2009, rev. 2011
	1997–1998	266	1.12	Bacon et al. 2009, rev. 2011
	2002–2003	221	0.97	Braem et al. 2011
	2003–2004	352	1.43	Braem et al. 2011
	2004–2005	207	0.81	Braem et al. 2011
	2005–2006	174	0.75	Braem et al. 2011
	2006–2007	157	0.71	Braem et al. 2011
Barrow	1987–1988	1595	0.58	Braund & Associates 1993
	1988–1989	1533	0.55	Braund & Associates 1993
	1989–1990	1656	0.60	Braund & Associates 1993
	1992	1993	0.52	Fuller and George 1997 [rev 1999]
	1995–1996	2155	0.52	Bacon et al. 2009, rev. 2011
	1996–1997	1158	0.27	Bacon et al. 2009, rev. 2011
	2000	3359	0.73	Bacon et al. 2009, rev. 2011
	2001	1820	0.41	Bacon et al. 2009, rev. 2011
	2003	2092	0.47	Bacon et al. 2009, rev. 2011
Nuiqsut	1985–1986	513	1.28	ADF&G unpublished data
	1992	278	0.66	Fuller and George 1997 [rev 1999]
	1993	672	1.86	Pedersen 1995
	1994–1995	258	0.62	Brower and Opie 1998
	1995–1996	362	0.88	Bacon et al. 2009, rev. 2011
	1999–2000	413	0.85	Pedersen 2000, unpublished
	2000–2001	496	1.14	Bacon et al. 2009
	2002–2003	397	1.01	Braem et al. 2011
	2003–2004	564	1.34	Braem et al. 2011
	2004–2005	546	1.26	Braem et al. 2011
	2005–2006	363	0.87	Braem et al. 2011
	2006–2007	475	1.22	Braem et al. 2011
	Point Hope	1994–1995	355	0.49
2000–2001		219	0.31	Bacon et al. 2009, rev. 2011
Point Lay	1987	157	1.30	CSIS
	1994–1995	223	1.20	Bacon et al. 2009, rev. 2011
	2002–2003	154	0.62	Bacon et al. 2009, rev. 2011
	2012	356	1.42	ADF&G unpublished data
Wainwright	1988–1989	505	1.03	Braund & Associates 1993
	1989–1990	711	1.45	Braund & Associates 1993
	1992	748	1.41	Fuller and George 1997 [rev 1999]
	2002–2003	866	1.63	Bacon et al. 2009, rev. 2011
	2009	1231	2.09	Kofinas et al. in prep.