

**Wolf Survey Data, Fall (approx. 1 October)
Denali National Park and Preserve, 1986-2012**

YEAR	NUMBER OF PACKS MONITORED	TOTAL WOLVES IN PACKS MONITORED	MEAN PACK SIZE	COMBINED AREA OF MONITORED PACKS (KM ²)	ESTIMATED DENSITY: WOLVES / 1000 KM ²	POPULATION ESTIMATE INSIDE THE PARK*
1986	4	22	5.5	8,180	2.69	46
1987	9	70	7.8	13,150	5.32	92
1988	14	121	8.6	14,670	8.25	142
1989	11	127	11.5	15,240	8.33	144
1990	11	136	12.4	13,930	9.76	169
1991	13	137	10.5	14,275	9.60	166
1992	15	120	8.0	13,620	8.81	152
1993	12	93	7.8	9,900	9.39	162
1994	12	72	6.0	11,145	6.46	112
1995	11	80	7.3	12,045	6.64	115
1996	11	104	9.5	12,776	8.14	141
1997	12	75	6.3	12,808	5.86	101
1998	12	68	5.7	12,578	5.41	93
1999	15	80	5.3	12,699	6.30	109
2000	18	112	6.2	14,554	7.70	133
2001	18	91	5.1	13,802	6.59	114
2002	14	86	6.1	12,226	7.03	121
2003	11	84	7.6	11,682	7.19	124
2004	14	78	5.6	14,630	5.33	92
2005	15	106	7.1	15,367	6.90	119
2006	17	111	6.5	17,439	6.37	110
2007	20	147	7.4	17,757	8.28	143
2008	14	86	6.1	16,607	5.18	89
2009	15	89	5.9	17,061	5.22	90
2010	11	88	8.0	17,994	4.89	84
2011	8	75	9.4	17,994	4.17	72
2012	9	57	6.3	18,340	3.11	54

*Population estimate inside the park= calculated wolf density across an estimated 17,270 square km of potential habitat within park boundaries, north of the Alaska Range

**Wolf Survey Data, Spring (approx. 15 March)
Denali National Park and Preserve, 1986-2013**

YEAR	NUMBER OF PACKS MONITORED	TOTAL WOLVES IN PACKS MONITORED	MEAN PACK SIZE	COMBINED AREA OF MONITORED PACKS (KM ²)	ESTIMATED DENSITY: WOLVES / 1000 KM ²	POPULATION ESTIMATE INSIDE THE PARK*
1986	4	26	6.5	7,380	3.523	61
1987	8	37	4.6	12,125	3.052	53
1988	14	69	4.9	15,355	4.494	78
1989	13	98	7.5	16,810	5.830	101
1990	10	106	10.6	13,930	7.609	131
1991	13	111	8.5	14,275	7.776	134
1992	15	103	6.9	13,620	7.562	131
1993	12	68	5.7	9,900	6.869	119
1994	10	61	6.1	11,145	5.473	95
1995	12	59	4.9	12,120	4.868	84
1996	11	69	6.3	12,640	5.459	94
1997	11	78	7.1	13,080	5.963	103
1998	12	61	5.1	13,121	4.649	80
1999	13	69	5.3	12,699	5.433	94
2000	17	71	4.2	14,378	4.938	85
2001	16	87	5.4	13,802	6.303	109
2002	15	73	4.9	13,026	5.604	97
2003	18	75	4.2	11,682	6.420	111
2004	14	78	5.6	16,061	4.856	84
2005	15	66	4.4	14,630	4.511	78
2006	15	103	6.9	15,367	6.703	116
2007	16	93	5.8	17,439	5.333	92
2008	20	99	5.0	17,757	5.575	96
2009	16	65	4.1	16,607	3.914	68
2010	12	59	4.9	17,061	3.458	60
2011	10	71	7.1	17,994	3.946	68
2012	10	70	7.0	18,340	3.817	66
2013	11	49	4.5	15,473	3.187	55

*Population estimate inside the park =calculated wolf density estimate across an estimated 17,270 square km of potential habitat within park boundaries, north of the Alaska Range