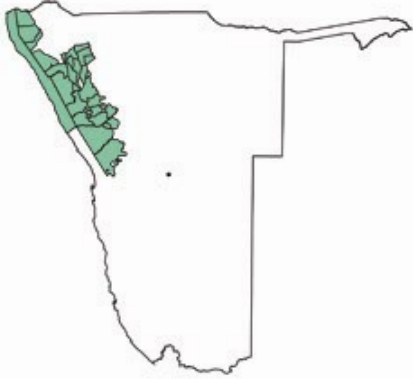


GAME COUNTS IN NORTH-WEST NAMIBIA

June 2006

Total Population Estimates

Total Number of Animals seen each year



5.9 million ha of north-west Namibia

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	14,963	27,383
Giraffe	737	1,805
Kudu	1,103	2,722
Ostrich	4,801	8,885
Springbok	64,116	155,799
Steenbok	499	5,257
Zebra	9,429	15,081

The minimum estimate assumes all animals along a 1km wide transect are seen; the likely estimate corrects for detection using ESW. Estimates for individual conservancies for springbok, gemsbok and giraffe use a more conservative estimation approach and consequently add up to less than the regional total estimate indicated here.

Species	2001	2002	2003	2004	2005	2006
Baboon	144	116	203	135	555	165
Caracal				2		
Cheetah	5	1	7	7	14	2
Duiker	13	6	3	5	18	3
Elephant	40	24	45	17	107	5
Gemsbok	1,630	2,698	3,483	2,749	3,506	2,612
Giraffe	224	232	189	281	213	296
Hyaena	2			1	7	
Jackal	48	84	60	82	78	94
Klipspringer	4	14	20	17	34	15
Kudu	261	297	241	316	413	324
Ostrich	577	659	815	817	903	741
Rhino	1	1	7	2	9	2
Springbok	11,687	14,560	16,734	10,509	14,227	11,746
Steenbok	55	85	122	203	154	101
Warthog	6	14	8	7	13	11
Zebra	1,210	1,274	1,414	1,376	1,738	1,838

Animals seen during this count:

	Total	#Khoaadi /Hoas	Anabeb	Doro /Nawas	Ehrovipuka	Etendeka	Gangu	Hobatare	Huab	Marienfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb
Total Route km	6,764	500	216	548	266	112	417	70	417	276		133	238	265	267	55	94	67	74	510	329	161	38	315	225	551	620
Total area (km2)	59,001	3,358	1,636	4,137	1,979	507	4,578	258	2,129	3,034		1,131	1,621	2,259	2,272	348	448	992	746	5,891	3,564	1,446	508	2,469	2,290	3,492	7,908
Number of routes	120	9	5	9	5	3	5	3	8	5		2	4	5	3	1	1	1	1	11	6	4	2	7	4	8	8
% area excluded	27	45	51	6	28	30		5	4	28		30	48		56	74	62	76	57	43	31	28	28	42	18	25	16
Baboon	165	34	30						20			5	24											2			50
Caracal																											
Cheetah	2												1												1		
Duiker	3	1					1		1																		
Elephant	5	1							1						1											2	
Gemsbok	2,612	78	62	46	66	187		117	2	159			49	254					433	378	95	24	421		229	12	
Giraffe	296	24	17	16	40	51		24					13	1					24	32	8		29		17		
Hyaena																											
Jackal	94	5	4	2	1	1	4	4	2	3		2	4	3	1			2		25	2	16	1	3	4	2	3
Klipspringer	15	3		4		2	2		1													3					
Kudu	324	132	19	5	2	31		15	16			7	7			5	1		2	44	1				1	36	
Ostrich	741	23	42	105	15			4	3	60		16	11	40	36	9	16		11	29	142	6	11	70	31	33	28
Rhino	2		1																	1							
Springbok	11,746	213	308	645	44	462	213	52	19	179		291	572	356	70	245	293		19	1,959	745	49	19	1,630	1,391	606	1,366
Steenbok	101	14	1		1			2	1	8		9	6	5	7	6	1	5	4	7	2	4		3	4	4	7
Warthog	11							4	5						1												
Zebra	1,838	27	215	49	17	261		147				7	68	2						516	141	96		26		228	34

Population estimates for conservancies:

Estimates with no brackets take account of drop off in detection of animals with distance from the transect line and are calculated using effective strip widths (ESW) for each species. Estimates inside brackets are minimum estimates assuming all animals within 500m on each side of the transect line are detected.

Species	#Khoaadi /Hoas	Anabeb	Doro /Nawas	Ehrovipuka	Etendeka	Gangu	Hobatare	Huab	Marienfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb
Gemsbok	344	283	539	418	803		389	16	2,538			324	3,677						3,601	5,515	992	714	3,679		1,827	196
	(188)	(155)	(294)	(228)	(439)		(212)	(9)	(1,387)			(177)	(2,009)						(1,968)	(3,013)	(542)	(390)	(2,010)		(998)	(107)
Giraffe	183	83	78	294	250		309					64	5						118	157	39		142		83	
	(75)	(34)	(32)	(120)	(102)		(126)					(26)	(2)						(48)	(64)	(16)		(58)		(34)	
Kudu	809	161	83	18	255		180	150			240	62			20	7			21	334	19				23	340
	(327)	(65)	(34)	(7)	(103)		(73)	(61)			(97)	(25)			(8)	(3)			(9)	(135)	(8)				(10)	(138)
Ostrich	117	336	1,226	169			17	24	925		58	73	671	277	27	83		87	407	2,336	78	127	641	395	340	471
	(63)	(182)	(663)	(91)			(9)	(13)	(500)		(31)	(40)	(362)	(150)	(15)	(45)		(47)	(220)	(1,262)	(42)	(69)	(346)	(213)	(184)	(254)
Springbok	2,106	3,028	9,722	471	2,733	5,323	347	295	1,690		1,379	5,307	4,121	626	963	769		198	23,394	8,405	645	633	8,504	7,437	6,762	13,265
	(867)	(1,246)	(4,001)	(194)	(1,125)	(2,190)	(143)	(121)	(695)		(568)	(2,184)	(1,696)	(257)	(396)	(317)		(82)	(9,627)	(3,459)	(265)	(261)	(3,500)	(3,061)	(2,783)	(5,459)
Steenbok	630	51		39		207	21	337			362	224	477	426	102		184	181	257	153	220		70	378	204	734
	(60)	(5)		(4)		(20)	(2)	(32)			(34)	(21)	(45)	(40)	(10)		(17)	(17)	(24)	(15)	(21)		(7)	(36)	(19)	(70)
Zebra	94	725	478	96	1,432		835		20		209	379	33						5,820	1,782	970		188		1,662	358
	(59)	(453)	(299)	(60)	(895)		(522)		(13)		(131)	(237)	(21)						(3,638)	(1,114)	(606)		(118)		(1,039)	(224)

NB: These are conservative estimates as, on average, 27% of the count area is assumed to hold no animals. This is due to the fact that in each conservancy, some areas are not sampled due to inaccessibility. In addition, for springbok, gemsbok and giraffe, large groups have been excluded from extrapolations. All estimates are rough approximations and great care should be taken when using these data for quota setting.

Trends:

