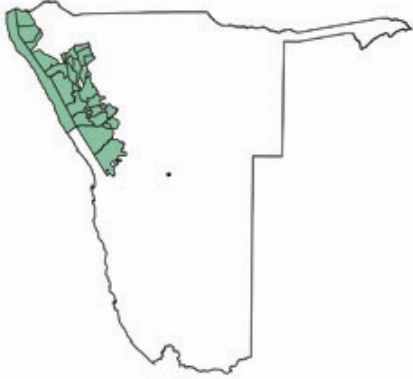


GAME COUNTS IN NORTH-WEST NAMIBIA

June 2007

Total Population Estimates

Total Number of Animals seen each year



6.3 million ha of north-west Namibia

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	21,955	40,182
Giraffe	606	1,486
Kudu	2,165	5,346
Ostrich	5,357	9,912
Springbok	61,431	149,272
Steenbok	1,377	14,536
Zebra	6,460	10,339

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	2007
Baboon	144	116	203	135	555	165	567
Caracal				2			4
Cheetah	5	1	7	7	14	2	4
Duiker	13	6	3	5	18	3	8
Elephant	40	24	45	17	107	5	36
Gemsbok	1,630	2,698	3,483	2,749	3,506	2,612	3,898
Giraffe	224	232	189	281	213	296	268
Hyaena	2			1	7		4
Jackal	48	84	60	82	78	94	108
Klipspringer	4	14	20	17	34	15	24
Kudu	261	297	241	316	413	324	576
Ostrich	577	659	815	817	903	741	902
Rhino	1	1	7	2	9	2	9
Springbok	11,687	14,560	16,734	10,509	14,227	11,746	12,135
Steenbok	55	85	122	203	154	101	245
Warthog	6	14	8	7	13	11	13
Zebra	1,210	1,274	1,414	1,376	1,738	1,838	1,684

Animals seen during this count:

	Total	#Khoadi /Hoas	Anabeb	Doro /Nawas	Ehrovipuka	Etendeka	Gangu	Hobaterere	Huab	Marientfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb
Total Route km	6,776	497	219	588	277	101	441	60	461	259		127	213	278	183	56	93	65	56	595	314	156	41	315	221	523	637
Total area (km2)	63,462	3,358	1,636	4,137	1,979	507	7,730	258	2,129	3,034		1,131	1,621	3,568	2,272	348	448	992	746	5,891	3,564	1,446	508	2,469	2,290	3,492	7,908
Number of routes	123	9	5	9	5	3	6	3	8	5		2	4	6	3	1	1	1	1	11	6	4	2	8	4	8	8
% area excluded	30	45	51	6	28	30	23	5	4	28		30	48	34	56	74	62	76	57	43	31	28	28	42	18	25	16
Baboon	567	77	52				35					20	32			22	30			95				108			96
Caracal	4									4																	
Cheetah	4																		3					1			
Duiker	8				3				1						3										1		
Elephant	36	13						2	7										3	2			2			7	
Gemsbok	3,898	105	97	141	48	155	1	37	39	1,385		109	247		15			5	350	260	92	13	378		391	30	
Giraffe	268	52	5	1	5	46		18		3		23							34	38	3		22	5		13	
Hyaena	4									1									1				1			1	
Jackal	108	9	7	3	1		1	5	7			5	10	1					13	6	1		8	8		14	
Klipspringer	24	6		5	5				8																		
Kudu	576	186	16	5	10	135	4	5	58			11	2		9	3			69	4	2			4	51	2	
Ostrich	902	41	24	33	51			2	61			21	65	43	50	11	2	4	9	98	106	11	30	48	23	129	40
Rhino	9																		2							7	
Springbok	12,135	1,075	757	475	1,070	476	511	51	270	622		262	2,612	440	237	151	87		36	1,343	369	70	90	223	183	240	485
Steenbok	245	37	5	9	19	1	13	4	46			2	2	5	22	3	5	7	5	9	3	2		5	9	17	15
Warthog	13	4			2			1	2						4												
Zebra	1,684	190	360	46	43	193		63	33	6			50	6						428	29	35	4	25		146	27

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	#Khoadi /Hoas	Anabeb	Doro /Nawas	Ehrovipuka	Etendeka	Gangu	Hobaterere	Huab	Marientfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb	
Gemsbok	469 (256)	505 (276)	1,641 (897)	296 (162)	1,164 (636)	45 (25)	261 (143)	288 (157)	14,864 (8,123)			866 (473)	3,809 (2,081)		44 (24)			52 (28)	2,600 (1,421)	3,461 (1,891)	1,219 (666)	132 (72)	3,221 (1,760)		3,394 (1,854)	509 (278)	
Giraffe	328 (134)	25 (10)	5 (2)	34 (14)	225 (92)		176 (72)		15 (6)			113 (46)							167 (68)	186 (76)	15 (6)		108 (44)	25 (10)	64 (26)		
Kudu	1,290 (522)	139 (56)	86 (35)	84 (34)	1,439 (583)	118 (48)	49 (20)	643 (260)			99 (40)	18 (7)			35 (14)	19 (8)			544 (220)	64 (26)	26 (11)			84 (34)	553 (224)	56 (23)	
Ostrich	200 (108)	166 (90)	423 (228)	824 (445)				31 (17)	841 (455)		79 (43)	495 (267)	627 (339)	521 (282)	32 (17)	10 (5)	27 (14)	95 (51)	869 (470)	1,432 (774)	147 (79)	307 (166)	460 (249)	384 (208)	1,048 (567)	894 (483)	
Springbok	4,070 (1,675)	6,066 (2,496)	6,815 (2,805)	4,050 (1,667)	4,745 (1,952)	14,826 (6,101)	461 (190)	854 (351)	10,515 (4,327)		1,380 (568)	17,905 (7,368)	5,300 (2,181)	2,674 (1,101)	583 (240)	392 (161)			497 (204)	10,373 (4,269)	4,777 (1,966)	1,056 (435)	1,237 (509)	2,696 (1,110)	3,800 (1,564)	2,559 (1,053)	12,313 (5,067)
Steenbok	1,704 (162)	186 (18)	690 (65)	1,220 (116)	21 (2)	1,558 (148)	183 (17)	2,151 (204)			421 (40)	95 (9)	363 (34)	1,376 (130)	50 (5)	82 (8)	266 (25)	300 (28)	235 (22)	290 (27)	111 (10)		114 (11)	808 (77)	836 (79)	1,476 (140)	
Zebra	738 (461)	1,259 (787)	466 (291)	221 (138)	967 (605)		398 (249)	263 (164)	88 (55)			356 (222)	71 (44)						3,193 (1,996)	340 (212)	296 (185)	35 (22)	191 (119)		1,146 (716)	311 (194)	

NB: These are conservative estimates as, on average, 30% 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:

