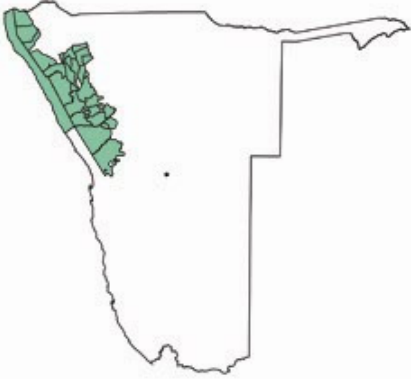


GAME COUNTS IN NORTH-WEST NAMIBIA

June 2008



6.5 million ha of north-west Namibia

Total Population Estimates

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	16,148	29,550
Giraffe	520	1,274
Kudu	838	2,068
Ostrich	4,989	9,230
Springbok	72,208	175,467
Steenbok	552	5,824
Zebra	11,777	18,839

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.

Total number of animals seen each year

Species	2001	2002	2003	2004	2005	2006	2007	2008
Baboon	108	116	203	135	555	165	567	239
Caracal				2			4	
Cheetah	5	1	7	7	14	2	4	7
Duiker	12	6	3	5	18	3	8	
Elephant	40	24	45	17	107	5	36	44
Gemsbok	1,616	2,698	3,483	2,749	3,506	2,612	3,898	2,609
Giraffe	215	232	189	281	213	296	268	231
Hyaena	2			1	7		4	3
Jackal	45	84	60	82	78	94	108	59
Klipspringer	3	14	20	17	34	15	24	5
Kudu	189	297	241	316	413	324	576	207
Ostrich	577	659	815	817	903	741	902	666
Rhino	1	1	7	2	9	2	9	6
Springbok	11,606	14,560	16,734	10,509	14,227	11,746	12,135	18,729
Steenbok	49	85	122	203	154	101	245	85
Warthog	6	14	8	7	13	11	13	2
Zebra	1,210	1,274	1,414	1,376	1,738	1,838	1,684	2,136

Animals seen during this count:

	Total	#Khoadi /Hoas	Anabeb	Doro /Nawas	Ehrovipuka	Etendeka	Gangu	Hobater	Huab	Marientfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb
Total Route km	7,003	497	219	588	277	101	441	60	461	259	186	143	213	278	183	56	102	65	82	585	314	156	41	315	221	523	637
Total area (km2)	64,962	3,358	1,636	4,137	1,979	507	7,730	258	2,129	3,034	1,245	1,130	1,621	3,568	2,272	348	432	992	743	6,166	3,564	1,446	508	2,469	2,290	3,492	7,908
Number of routes	129	9	5	9	5	3	6	3	8	5	3	3	4	6	3	1	2	1	2	11	6	4	2	8	4	8	8
% area excluded	29	45	51	6	28	30	23	5	4	28	14	29	48	34	56	74	30	76	55	42	31	28	28	42	18	25	16
Species																											
Baboon	239	57	15		37				23			1	6						16		30					54	
Caracal																											
Cheetah	7									1										3				3			
Duiker																											
Elephant	44	13		11		1		3											8	1				7			
Gemsbok	2,609	73	54	178	61	327		52	24	108			52	265					1	268	353	153	21	269	2	333	15
Giraffe	231	6	1	3	25	51		35		1			4							42	25	10		19		9	
Hyaena	3																										
Jackal	59	4		6	1		6	3	8	2		1	1	3	2	2				5	4	1		1	7	1	
Klipspringer	5																										
Kudu	207	70	3	3	3	12		3	35		1				1	12			2	1						50	10
Ostrich	666	25	8	78	6	2	8		2	47	2	2	11	104	13	13				68	63	34	2	31	33	52	57
Rhino	6																			3							3
Springbok	18,729	196	357	399	88	844	205	65	18	600	26	539	6,488	3,225	103	271	61		5	709	873	983	2	465	100	974	1,133
Steenbok	85	11	1	4	7	1	10		6			2	1	2	13		1	2		2				2	1	6	4
Warthog	2																										
Zebra	2,136	43	208	78	10	301		77	7	76			26	90						753	57	38	17	57		267	25

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	Hobater	Huab	Marientfluss	Ohungu	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Puros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb	
Gemsbok	289 (158)	364 (199)	2,050 (1,120)	292 (160)	2,392 (1,307)		338 (185)	186 (101)	2,179 (1,190)			421 (230)	2,768 (1,513)					10 (6)	2,710 (1,481)	5,444 (2,975)	2,108 (1,152)	638 (349)	2,319 (1,267)	25 (14)	2,524 (1,379)	159 (87)	
Giraffe	54 (22)	5 (2)	15 (6)	158 (65)	250 (102)		321 (131)		5 (2)			20 (8)								137 (56)	123 (50)	49 (20)				44 (18)	
Kudu	555 (225)	21 (9)	45 (18)	29 (12)	91 (37)		32 (13)	302 (122)		17 (7)			18 (7)		4 (2)	85 (34)		27 (11)	5 (2)							557 (226)	280 (113)
Ostrich	106 (57)	60 (33)	900 (487)	82 (44)	191 (6)			17 (9)	567 (307)	25 (14)	19 (10)	77 (41)	1,693 (915)	162 (88)	38 (21)		33 (18)		1,253 (677)	1,107 (598)	427 (231)	20 (11)	315 (170)	489 (264)	562 (304)	1,075 (581)	
Springbok	1,559 (642)	3,084 (1,269)	5,097 (2,097)	1,178 (485)	3,307 (1,361)	5,826 (2,398)	585 (241)	314 (129)	4,960 (2,041)	365 (150)	3,824 (1,574)	19,462 (8,009)	13,072 (5,379)	948 (390)	1,047 (431)	402 (165)		44 (18)	9,337 (3,842)	9,115 (3,751)	3,595 (1,480)	27 (11)	2,806 (1,155)	2,081 (856)	6,389 (2,629)	15,218 (6,263)	
Steenbok	415 (39)	12 (1)	284 (27)	390 (37)	34 (3)	1,296 (123)		367 (35)		359 (34)	111 (10)	39 (4)	156 (15)	841 (80)		40 (4)	76 (7)		235 (22)	193 (18)				52 (5)	94 (9)	359 (34)	471 (45)
Zebra	149 (93)	716 (448)	698 (437)	58 (37)	1,720 (1,075)		458 (286)	47 (29)	1,072 (670)			185 (116)	1,032 (645)		15 (10)				8,696 (5,435)	728 (455)	394 (247)	150 (94)	437 (273)			2,053 (1,283)	231 (144)

NB: These are conservative estimates as, on average, 29% 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:

