

# GAME COUNTS IN SOUTHERN NAMIBIA

May 2012

## Total Population Estimates (in the 6 conservancies)

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	19	26
Kudu	27	70
Ostrich	14	14
Springbok	5 976	16 136
Steenbok	155	1 456

The minimum estimate assumes all animals along a 1km wide transect are seen; the likely estimate corrects for detection using Effective Strip Width (ESW).



## Total numbers seen per year

Species	2005	2006	2007	2008	2009	2010	2011	2012
Baboon	7	8	13	10				13
Gemsbok		12	2	3	13	3	12	5
Jackal	6	3	4	4	3	7	7	6
Kudu				5	4	4	15	7
Ostrich			8	22	49	21	17	4
Springbok	912	1 133	1 247	1 538	1 757	1 471	2 225	1 218
Steenbok	12	4	19	8	24	18	22	24

## Animals seen during this count:

	Total	1. !Han/Awab!	2. !Khob! Naub	3. //Gamaseb	4. !Gawachab	5. Huibes	6. Oskop
Total Route km	1 303	258	373	398	39	203	32
Total area (km2)	7 982	1 922	2 684	1 760	142	1 378	96
Number of routes	26	5	7	6	2	5	1
% area excluded		0	0	0	0	31	0
Species							
Baboon	13					13	
Gemsbok	5				5		
Jackal	6	2	4				
Kudu	7				7		
Ostrich	4				1	3	
Springbok	1 218	100	300	698	53	10	57
Steenbok	26	3	10	2		6	3

## Population estimates for conservancies:

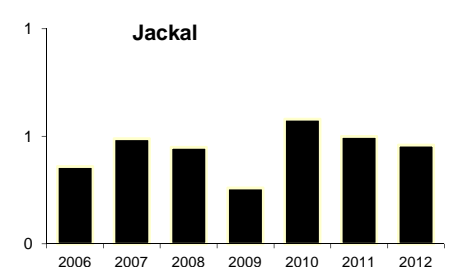
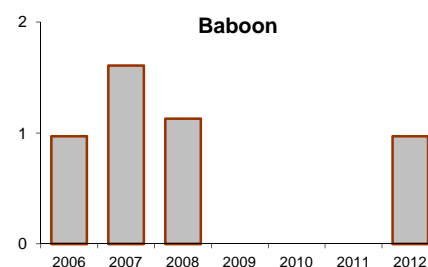
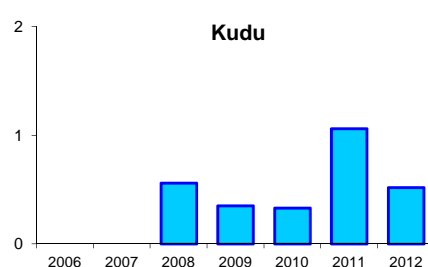
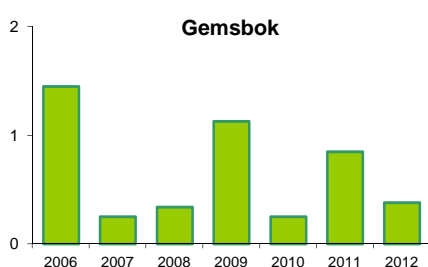
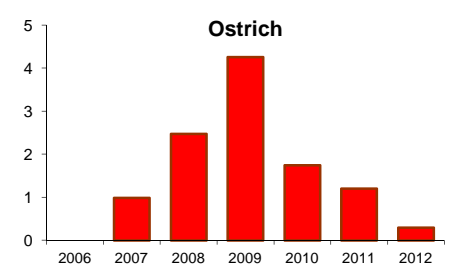
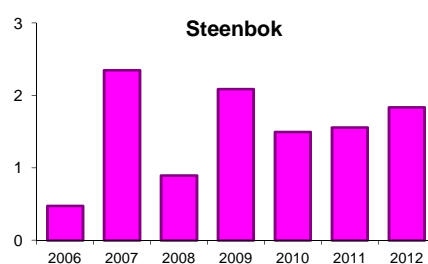
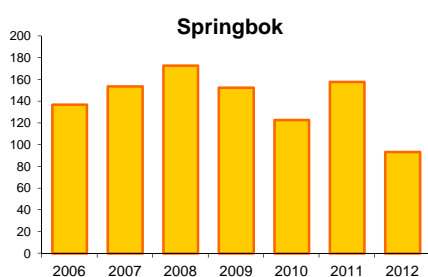
Estimates with no brackets take account of drop off in detection of animals with distance from the transect line and are calculated using effective strip widths (ESW) for each species. Estimates inside brackets are minimum estimates assuming all animals within 500m on each side of the transect line are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

Species	1. !Han/Awab!	2. !Khob! Naub	3. //Gamaseb	4. !Gawachab	5. Huibes	6. Oskop
Gemsbok				26 (19)		
Kudu				70 (27)		
Ostrich				4 (4)	10 (10)	
Springbok	2 044 (757)	4 920 (1 822)	8 033 (2 975)	531 (197)	146 (54)	462 (171)
Steenbok	173 (18)	783 (83)	71 (8)		344 (37)	85 (9)

These are conservative estimates for springbok and gemsbok as large groups have been excluded from extrapolations.

Note: All estimates are rough approximations and great care should be taken when using these data for quota setting.

## Trends:



Y-axis = Number of animals per 100km