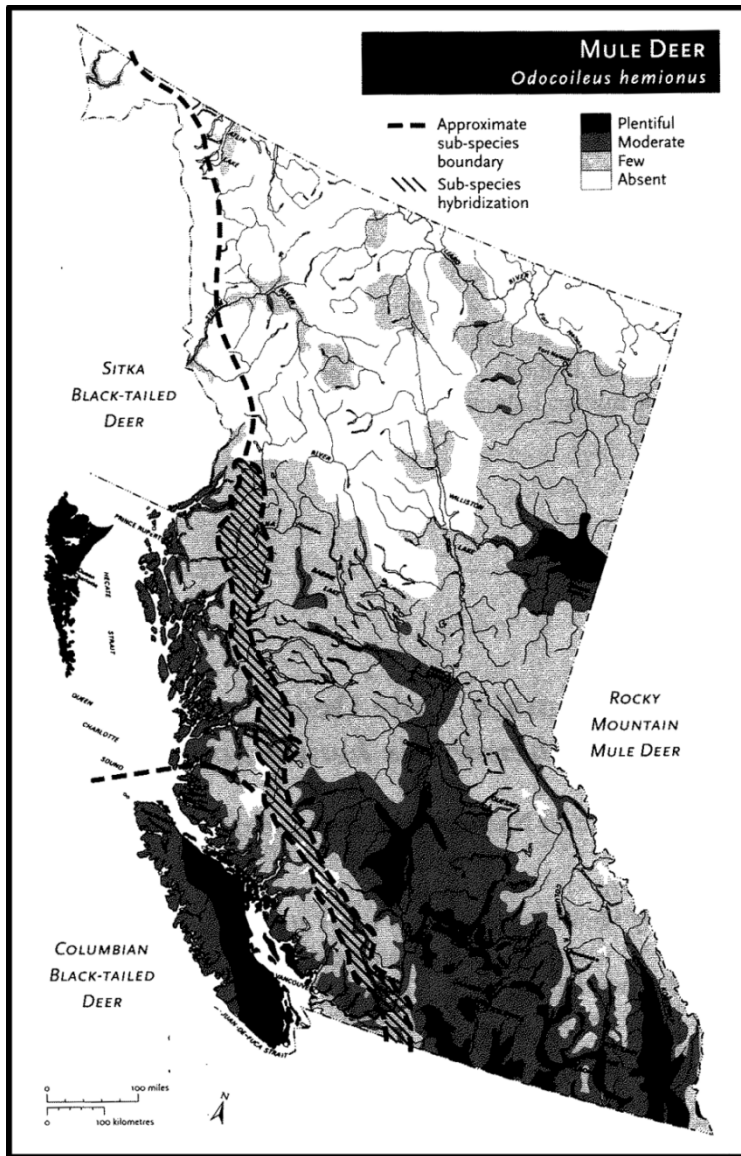


APPENDIX A – Population Trends



Admin. Region	BC Urban Ungulate Species: 2008 Pre-Season Population Estimates by Region and Sub Region												
	Region	Moose		Elk		Bighorn Sheep		Black-Tailed Deer		Mule Deer		White-Tailed Deer	
No.	Region	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend
1	Vancouver Island	<20	S	3,500-4,900	S-I	0	N/A	45,000-60,000	S-I	0	N/A	0	N/A
2	Lower Mainland	<100	S	800-1,200	I	0	N/A	17,000-29,000	S	3,000-5,000	S	<30	S-I
3	Thompson	6,000-10,000	I	<400	I	1,500-2,000	S	500-1,000	S-I	25,000-45,000	I	2,000-3,000	Increasing
4	Kootenay	5,500-6,800	S	27,000-33,500	S-I	2,300-2,500	S	0	N/A	24,000-48,000	I	40,000-65,000	Increasing
5	Cariboo	20,000-28,000	S	<250	I	<800	D	1,000-6,000	S	15,000-30,000	S-I	500-1,000	Increasing
6	Skeena	28,000-47,000	S	<250	S-I	0	N/A	35,000-65,000	S	4,000-6,000	S	500-1,000	Increasing
7A	Omineca	30,000-50,000	S	<500	I	0	N/A	0	N/A	3,000-6,000	I	500-1,000	Increasing
7B	Peace	40,000-80,000	Fluctuates	15,000-35,000	S-I	<150	D-S	0	N/A	6,000-12,000	S	7,000-13,000	Increasing
8	Okanagan	2,000-3,000	I	<900	S-I	1000-1,200	I	0	N/A	28,000-42,000	S	31,000-44,000	Increasing
Provincial Totals		131,500-224,920		22,000-76,900		4,800-6,650		98,500-101,000		108,000-194,000		81,500-128,030	

Admin. Region	British Columbia Ungulate Species Regional Population Estimates and Status - Preseason 2011.																				
	Region	MOOSE		ELK		CARIBOU		THINHORN SHEEP		BIGHORN SHEEP		MOUNTAIN GOAT		COAST BLACK-TAILED DEER ¹		MULE DEER		WHITE-TAILED DEER		BISON ⁴	
No.	Region	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend	Estimated Number	Estimated Trend
1	Vancouver Island	10-20	S	4,600-5,600	S-I	0	n/a	0	n/a	0	n/a	1,900-3,100	S-D	45,000-65,000	S-I	0	n/a	0	n/a	0	n/a
2	Lower Mainland	75-150	S	1300-1500	I	0	n/a	0	n/a	0	n/a	1500-2300	S-I	17,000-29,000	S	3,000-5,000	S	20-50	S-I	0	n/a
3	Thompson	8,000-12,000	I	300-400	S-I	200-300	D	0	n/a	2,000-2,500	I	1,400-2,000	D	1,000-2,000	I	35,000-55,000	I	5,000-8,000	I	0	n/a
4	Kootenay	7000-9000	S	21,000-32,000	S-I	290-350	D	0	n/a	2300-2500	S	9,200-9,900	S	0	n/a	25,000-51,000	S-I	44,000-72,000	I	0	n/a
5	Cariboo	20,000-28,000	S	100-250	I	3,000-3,500	S-D	0	n/a	500-800	S-D	4,000-5,000	S	1,000-6,000	S	15,000-30,000	S-D	500-1,000	I	0	n/a
6	Skeena	25,000-45,000	S-D	200-500	S	6,000-12,000	S	4,000-6,500	S	0	n/a	18,000-35,000	S-I	35,000-55,000	D	2,000-3,000	D	500-1,500	S	5-10	I
7A	Omineca	30,000-50,000	S	500-2000	I	3,000 - 4,000	D	600-900	S	0	n/a	3,000-4,000	S	0	n/a	3,000-6000	I	500-1,000	I	0	n/a
7B	Peace	52,000 -87,000	I-D	15,000-35,000	I-D	4,600 - 8,600	S-D	5,250 - 7,500	S-D	50-150	S	2,000-4,000	S-I	0	n/a	6,000-11,000	S-D	5,000-12,000	S-I	1,500 - 2,400	S-I
8	Okanagan	2,000-3,000	S	1000-1500	I	5-15	S	0	n/a	1,000-1,200	S	200-300	S	0	n/a	28,000-42,000	S	31,000-44,000	I	0	n/a
PROVINCIAL TOTAL		140,000-235,000	S-D	44,000-79,000	S-D	17,000-29,000	S-D	9,900-15,000	S-D	5,900-7,200	I-D	41,000-66,000	I-D	99,000-155,000	I-D	115,000-205,000	I-D	87,000-140,000	S-I	1,500-2,400	S-I

Notes:

¹ Estimates are for early fall preharvest populations and are based on information supplied by Regional Wildlife Biologists. Values include both plausible minimum and maximum estimates of population size.
² ** Estimates should be considered general approximations based on limited, but best available information. Minimum and maximum estimates are rounded as follows: <100 to nearest 5; 100-499 to nearest 10; 500-1,999 to nearest 50; 2,000 to 9,999 to nearest 100; 10,000-39,999 to nearest 500; 40,000-99,999 to nearest 1,000; >100,000 to nearest 5,000. Totals may not add because of rounding.
Population Trend is from 2008 - 2011: D = Declining (> 20% decline over last 3 years), S = Stable (< 20% change over last 3 years), I = Increasing (> 20% increase over last 3 years)

- ¹ Region 6 estimates includes Elk and Blacktailed Deer on Haida Gwaii.
- ² Includes Stone Sheep in Region's 6 and 7, and Dall Sheep (400-600) in Region 6.
- ³ Includes California Bighorn Sheep in Region's 3, 5 and 8 (3100-3900); and Rocky Mountain Bighorn Sheep in Region's 3, 4 and 7 (2750-3250).
- ⁴ Includes both Plains Bison (1100-1800) and Woods Bison (400-600).

Source: Kim Brunt, Ungulate Wildlife Biologist (Ministry of the Environment)
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