

Table 1. Demographic and landscape disturbance information of six caribou herds in Alberta, Canada. Caribou herd range area (Km²), initial population size as estimated by multiplying the herd area by an assumed carrying capacity of 0.06 caribou/km², mean annual proportion of caribou range burned, standard deviation of proportion of range burned annually, estimates of beta distribution parameters of herd fire regimes (1938 through 2006) and two estimates of the proportion of a herd's range within 250m of an industrial feature (%IND) in 1980 and 2000.

			Natural disturbance		Anthropogenic disturbance			
			Fire regime	Beta Distribution Parameters		%IND		
Herd	Area	Initial Population	Mean	SD	α	β	1980	2000
WSAR	15,038	902	0.0013	0.0036	0.1298	99.1259	11.7	51.5
ESAR	10,605	636	0.0072	0.0215	0.1028	14.2468	17.7	54.1
LS	2,927	176	0.0003	0.0020	0.0255	78.2023	29.9	88.4
CLAWR	5,402	324	0.0047	0.0234	0.0352	7.4829	4.2	31.6
RE	15,999	960	0.0045	0.0185	0.0537	11.9710	11.8	67.8
CM	18,658	1,119	0.0066	0.0221	0.0832	12.4537	17.4	31.7