



File Report 99

Chalmers, L. 1990. **Resident hunter harvest study, summary report, Northwest Territories, 1988/89.** 33 pp.

ABSTRACT

A resident big game hunter survey was begun in 1981, and has been conducted annually since that time. Questionnaires for the 1988/89 harvest year were sent to the 1975 resident big game hunters in July, 1989. Two additional questionnaires were mailed to hunters who did not respond to earlier mailings. Unopened postal returns were received for 237 (12%) of the hunters and 1223 (61.9%) of the hunters returned their questionnaire.

Barren ground caribou, moose, and woodland caribou, in decreasing order of magnitude, were the three most frequently harvested big game species. In all three cases, bulls were preferred, accounting for more than 60% of the harvest. Reported barren ground caribou harvest was 1174. Estimated caribou kill, using ratio and linear regression methods, respectively, was 1882 or 1903. An estimated 104 moose and So woodland caribou were harvested.

Dall's sheep harvest was estimated to be 17 animals. Of the 11 reported kills, 10 were full-curly and one was a 3/4 curl.

Reported black bear harvest was 12 animals, with a total estimated harvest of 21 bears.

Reported harvest only is available for furbearers, waterfowl and upland gamebirds taken by big game resident hunters. Nineteen (19) wolf and 4 wolverine were reported killed.

One hundred and thirty-three (133) big game hunters reported a harvest of 1253 waterfowl. Over 10000 upland gamebirds were reported harvested by resident big game hunters. The proportion of grouse and ptarmigan was almost equal, with 5123 grouse and 5233 ptarmigan killed.