



### Chukchi Sea Polar Bear Population

- Core Area (50% of population)
- General Extent (95% of population)

Population boundaries derived from radio collar data using a kernel estimation technique. **Chukchi Sea use by polar bears from Southern Beaufort Sea population not shown.**

Data Sources: (*Polar Bear data*) Amstrup, S.C., McDonald, T.L. and Durner, G.M. 2005. Using satellite radiotelemetry data to delineate and manage wildlife populations. Pp. 661-679 in: *Wildlife Society Bulletin*, Vol. 32(3). See Fig. 5.; (*Lease Sale data*) Minerals Management Service, 2008