

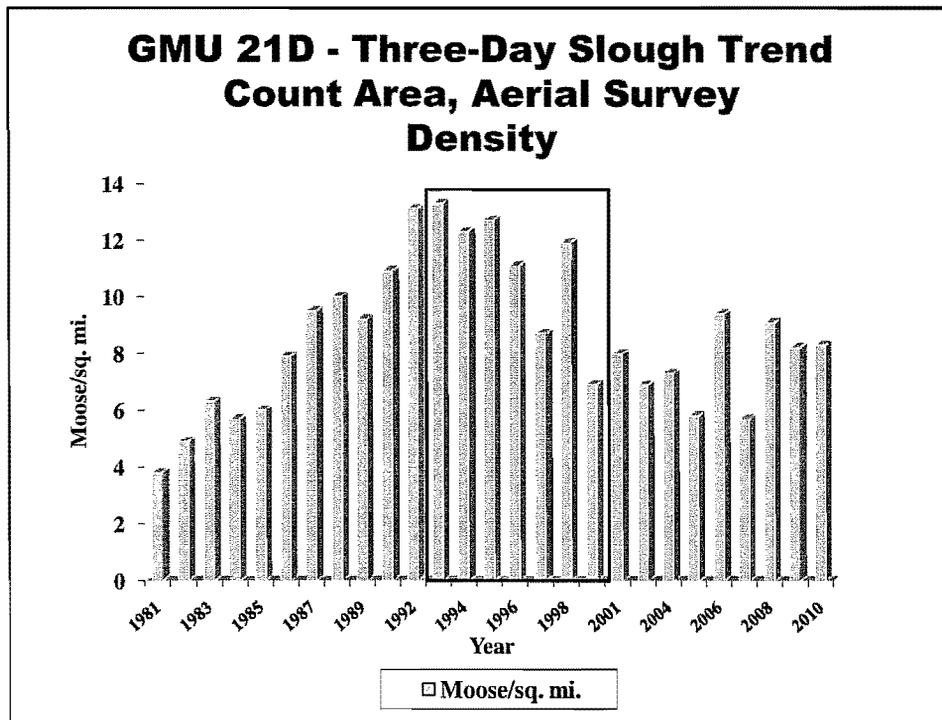
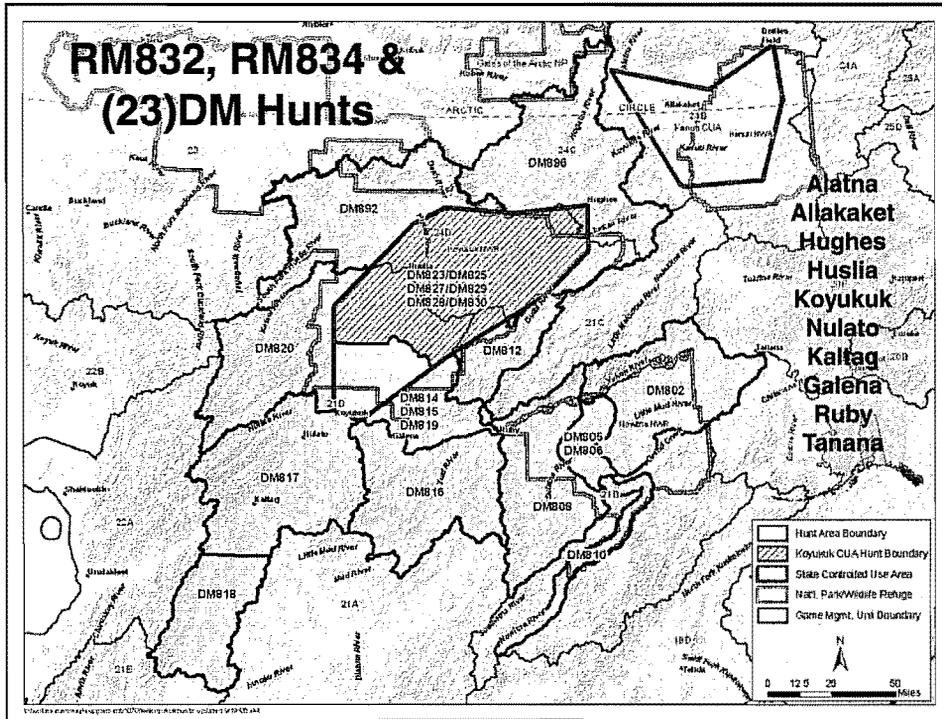
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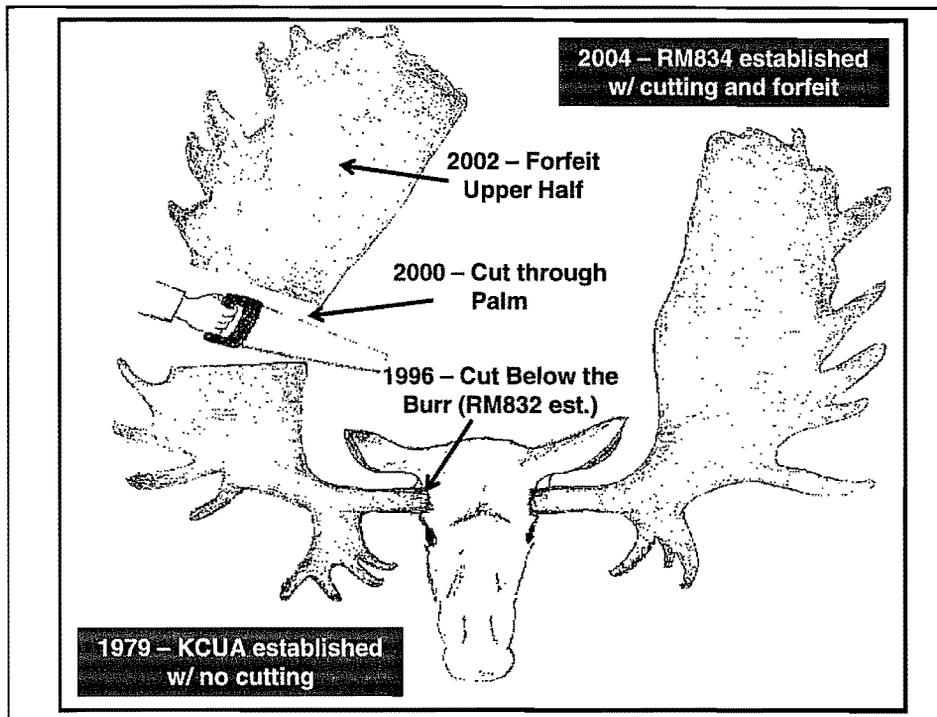
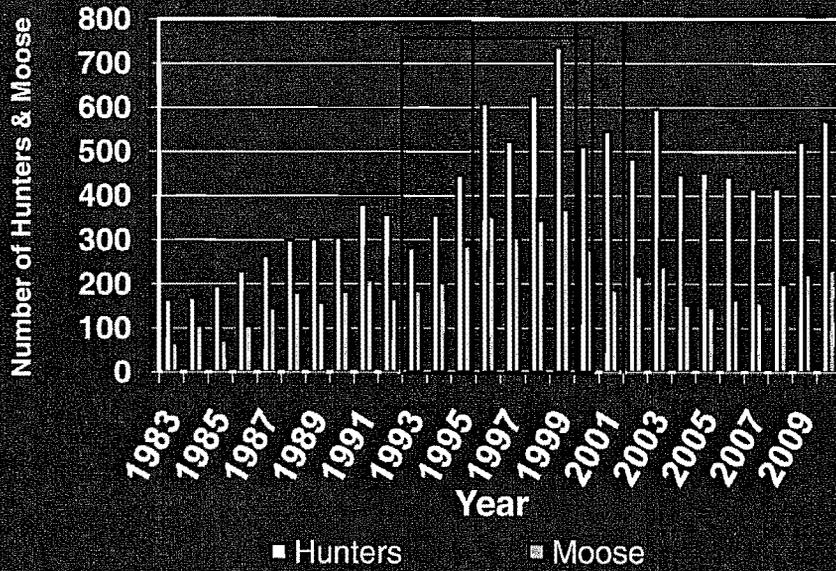
Proposal #223

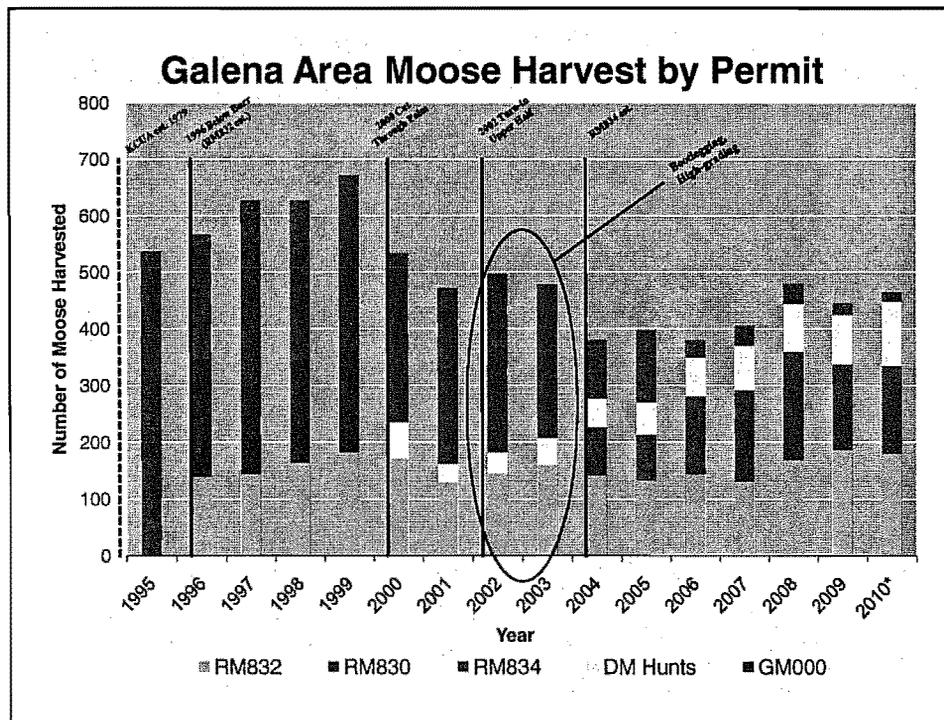
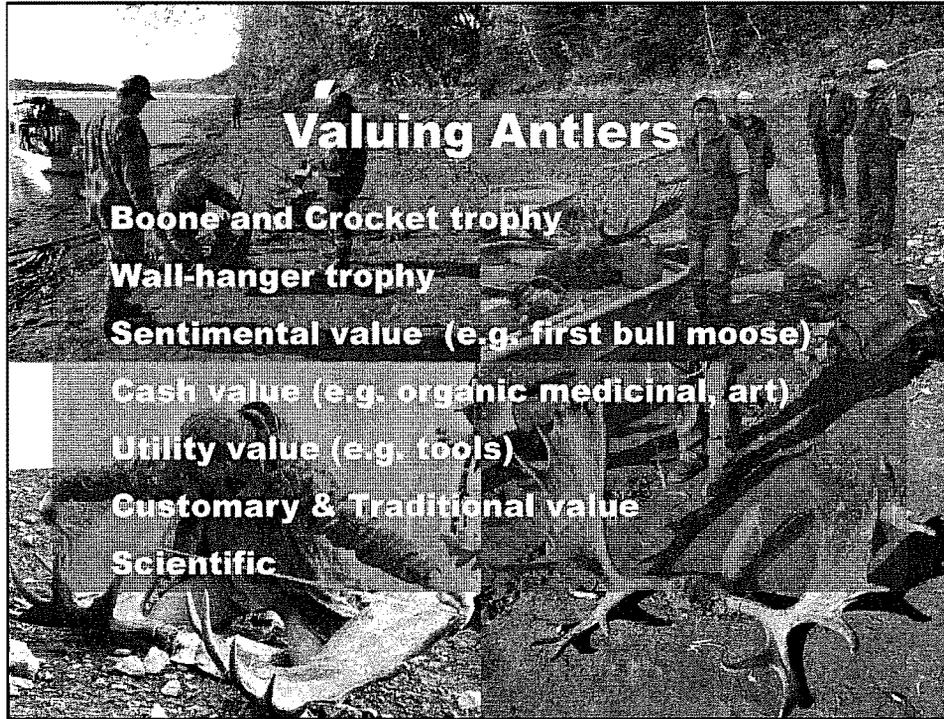
**Eliminate Trophy
Nullification
Discretionary Authority**

FAC – Do Not adopt KRAC – Do Not adopt
MYAC – Do Not adopt TRMAC – Do Not adopt
RAC – Do Not adopt WIRAC – Do Not adopt



KCUA Check Station 1983-2010





Galena Area Management Strategy Development

RM832

- **Koyukuk River Moose Management Plan (1999-2000)**
 - Rural, Urban, Commercial operators consensus
 - Federal Agencies
 - Endorsed by FSB and BOG in 2002
 - Proposals, Lawsuits, Potential Closures (i.e. Kanuti CUA)
 - **OBJECTIVES:** Growth, 30B:100C, reduce crowding, keep opportunity



RM834

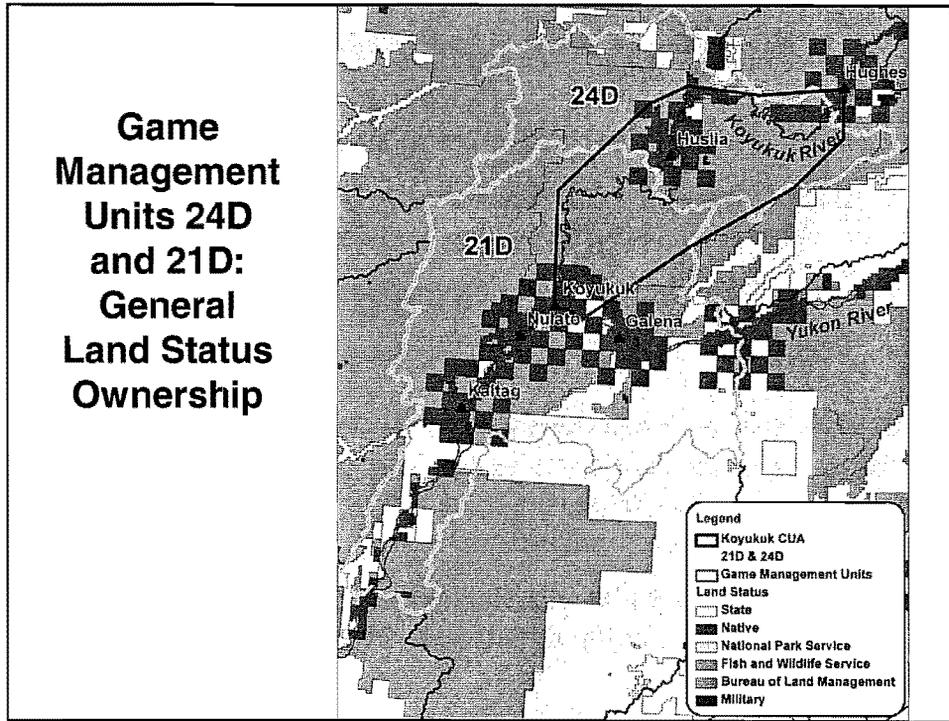
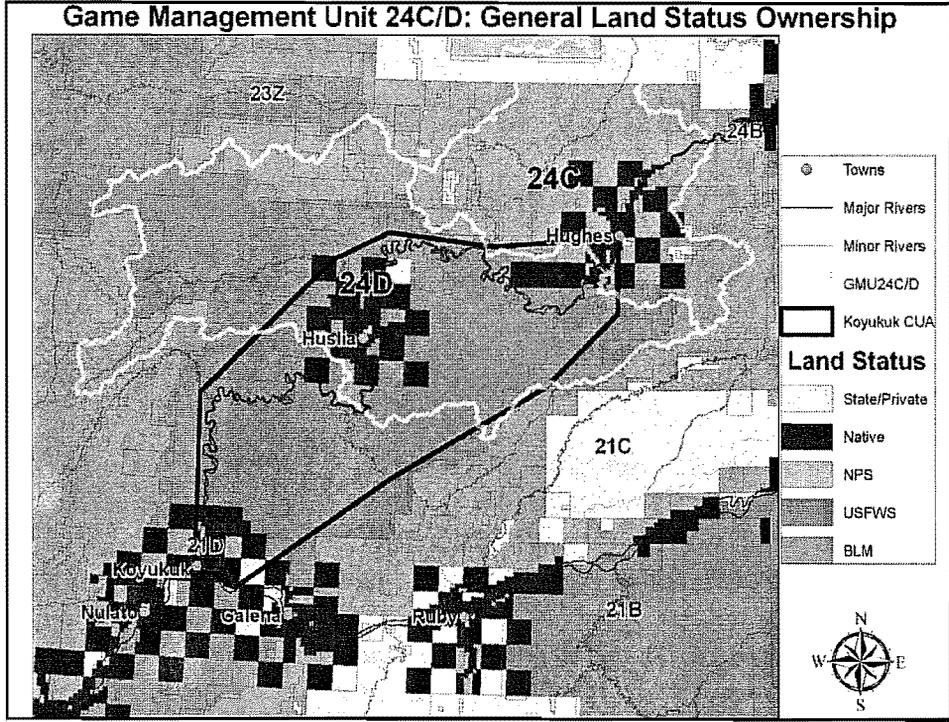
- **KRAC, MYAC, RAC, WIRAC support in 2004**

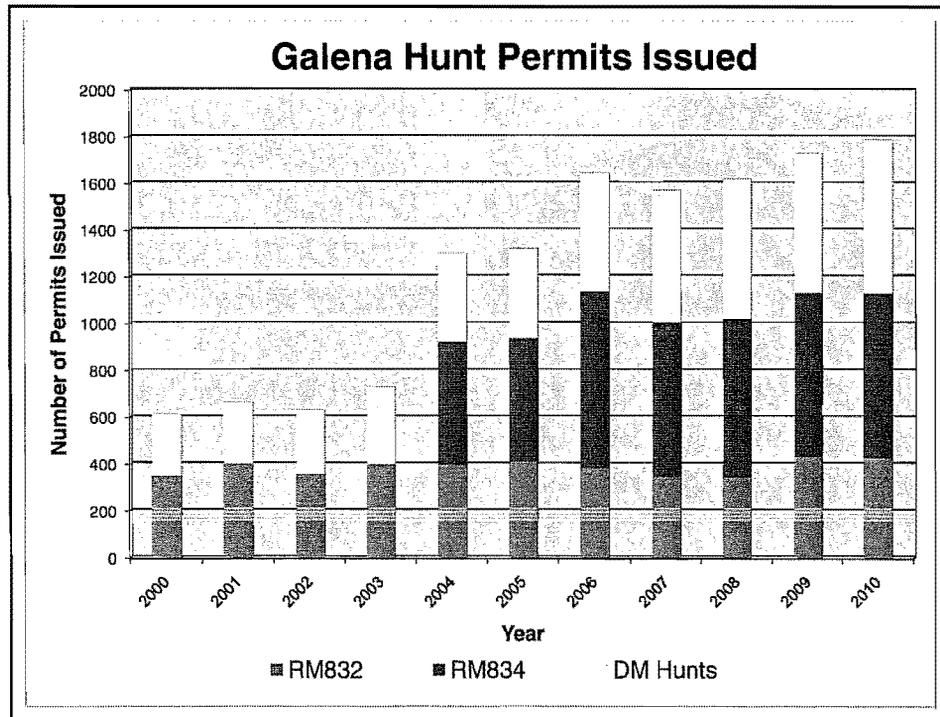
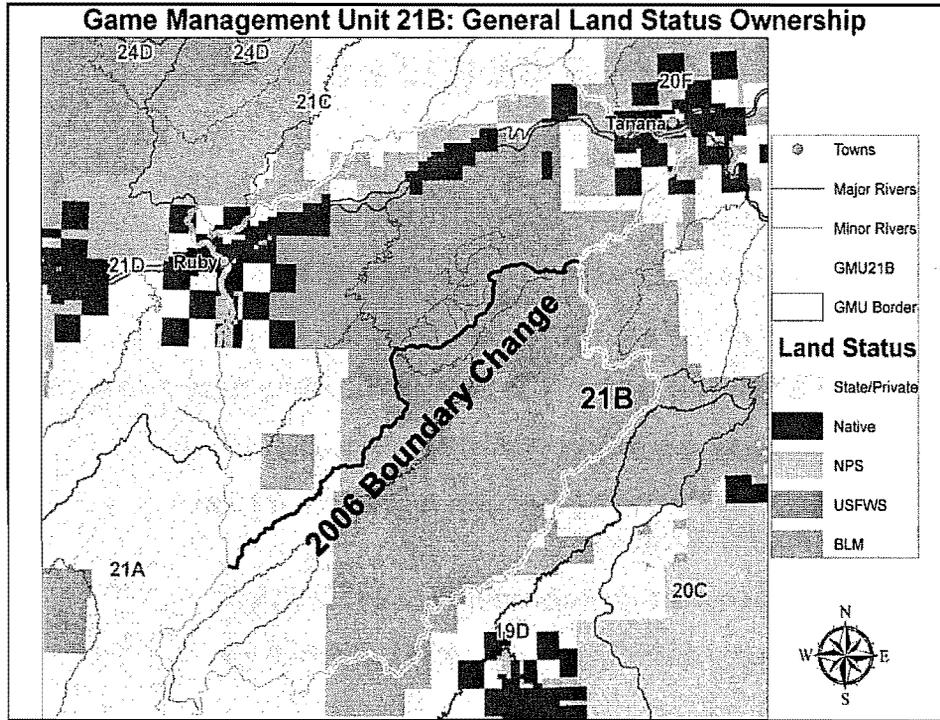
Management Dilemma

- **High Proportion of Federal Land**
- **High Density Population (High Sustainable Harvest, High Trophy Value)**
- **High Demand/Notoriety (non-local residents)**
- **Population decline, bull:cow ratio decline**

Problem: How do we keep the large resident hunter demand from exceeding sustainable harvest, without going into a Tier hunt or turning it over to Federal Management.

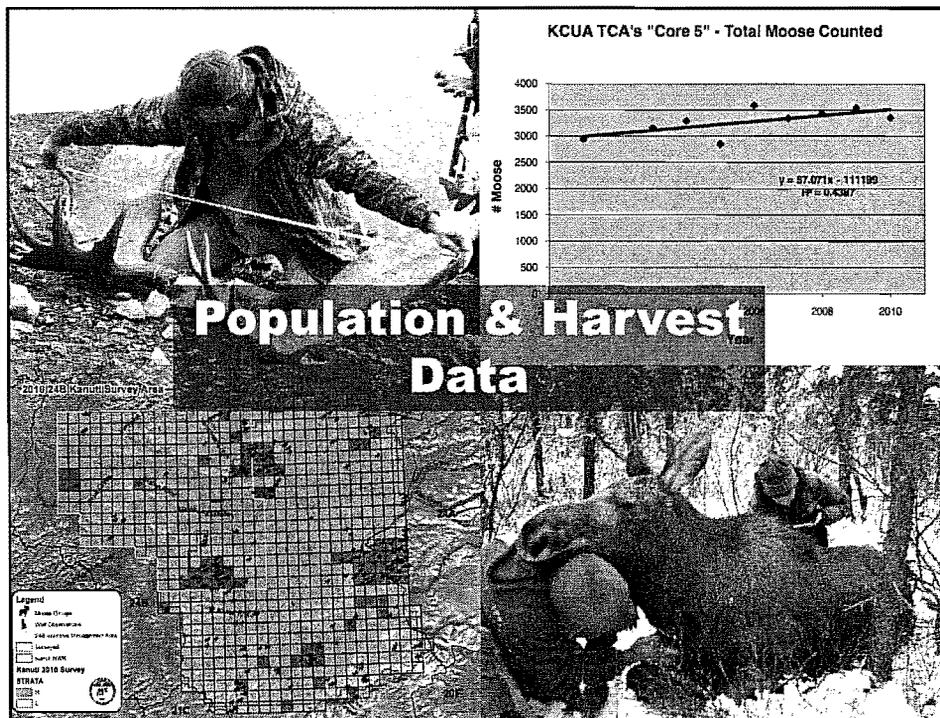
Solution: Apply a management tool that delineates hunters without affecting reasonable opportunity.



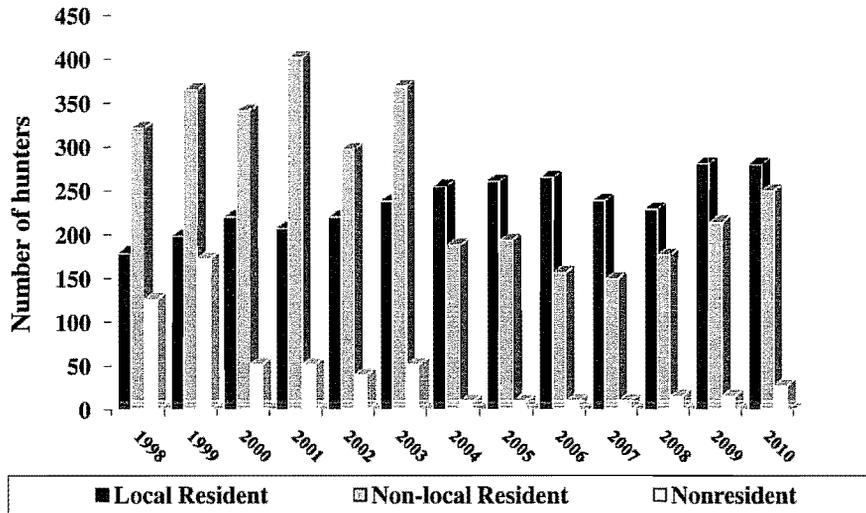


Other Regulations

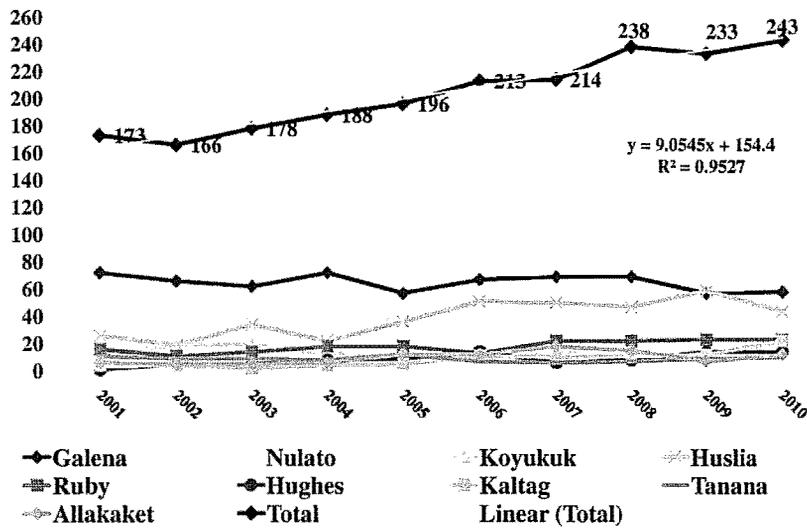
- **Closed cow seasons**
- **Koyukuk and Nowitna Checkstations**
- **Meat on the bone of 4 quarters and ribs**
- **Salvage entire head (repealed – 2010)**
- **13 Drawing permit areas in Galena Mgt Area**
- **Resident and Non-resident locking tags**
- **Drawing Permit hunters not eligible for RM832/RM834**
- **Split season dates within the KCUA**
- **No proxy hunting on Drawing Permits**

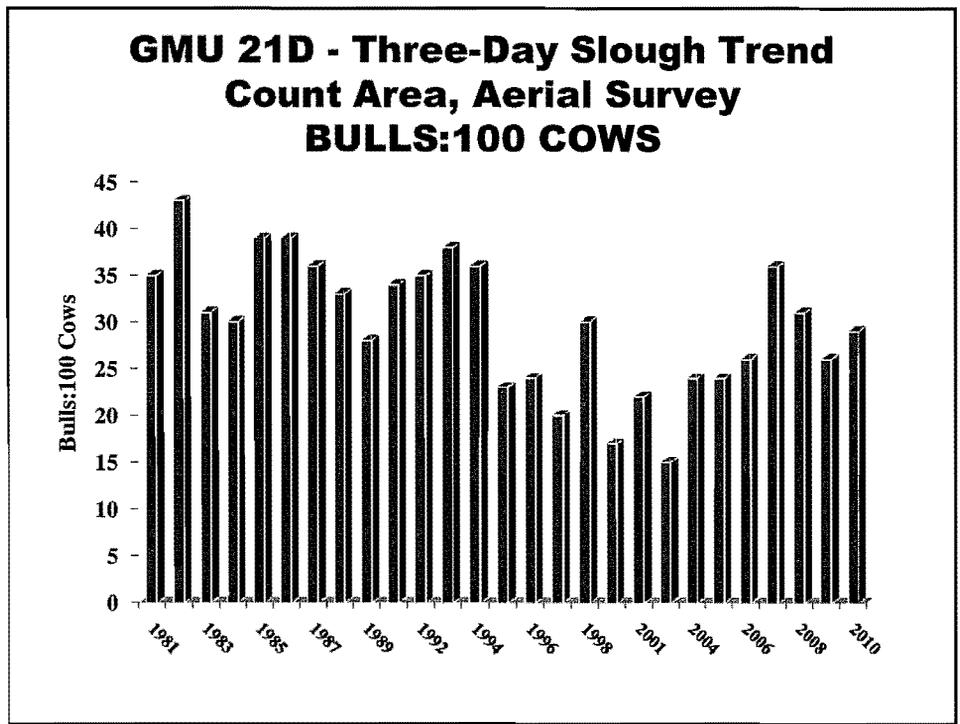
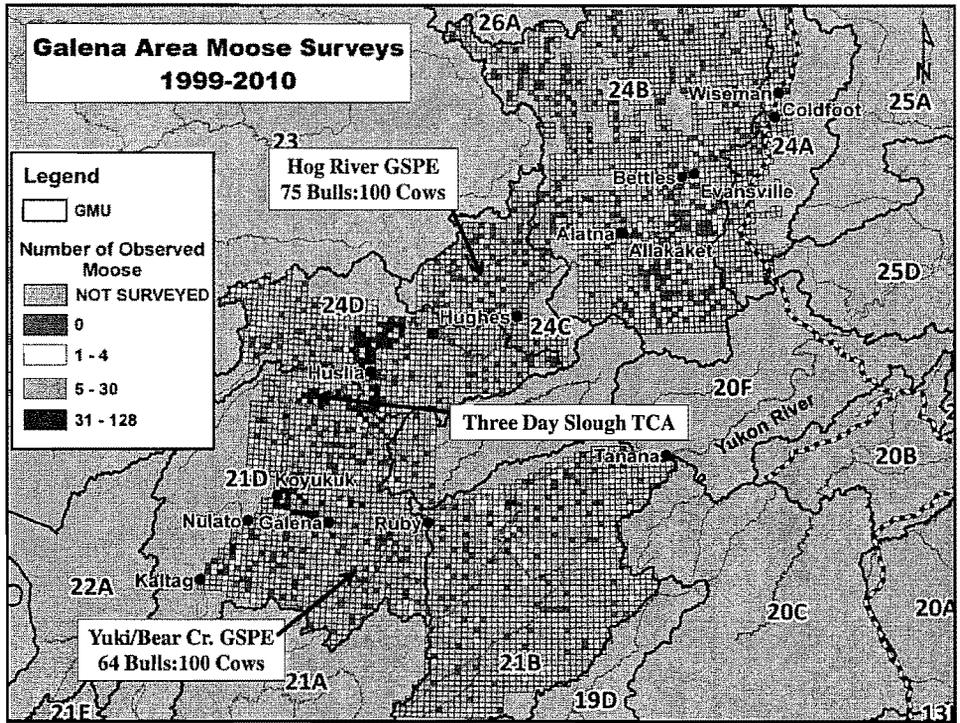


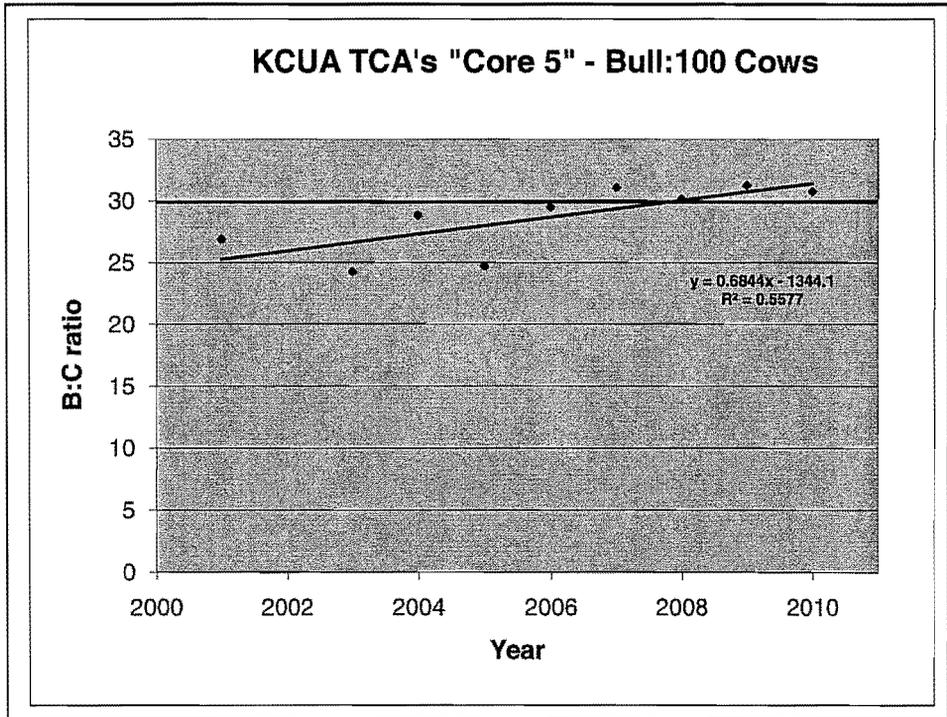
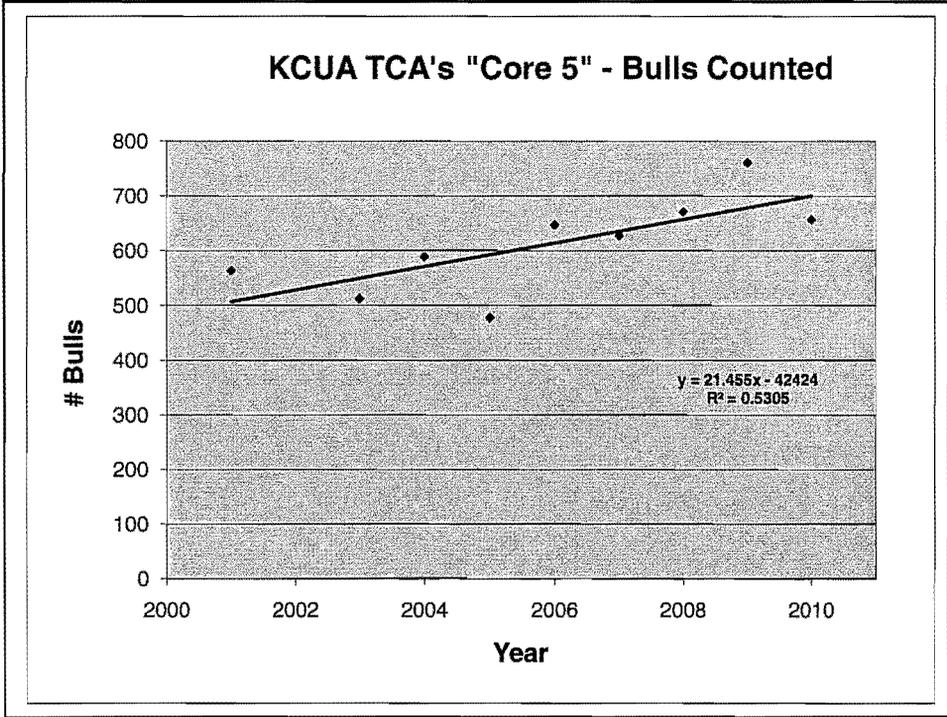
GMU 21D - Koyukuk Controlled Use Area – Hunter Residency

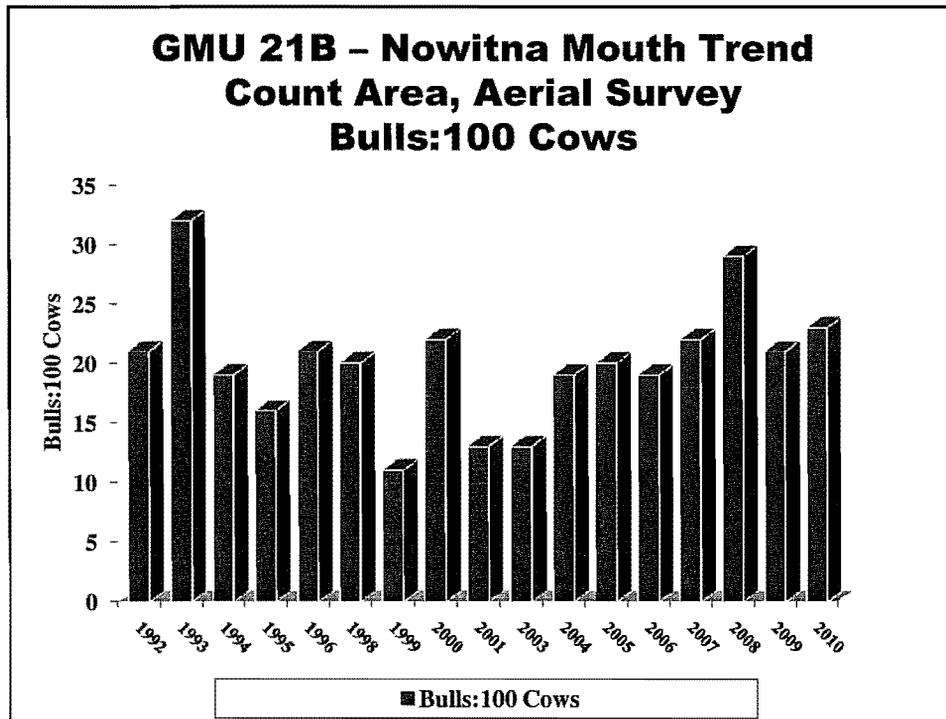
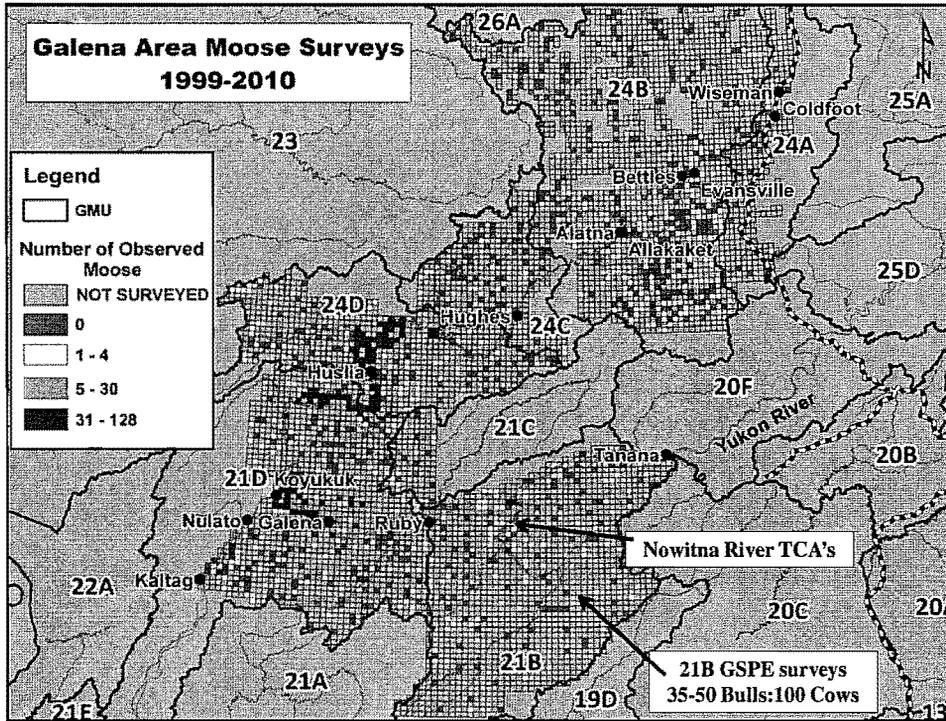


Preliminary (2/25/11) Local Resident Reported Moose Harvest 2001-2010

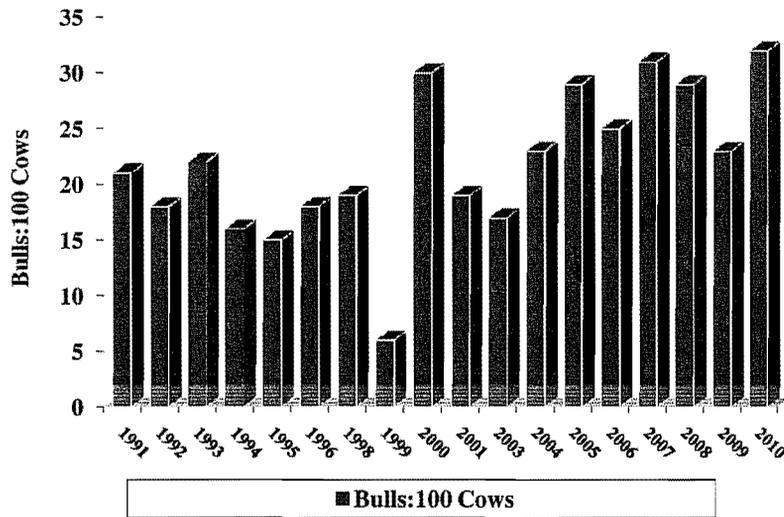




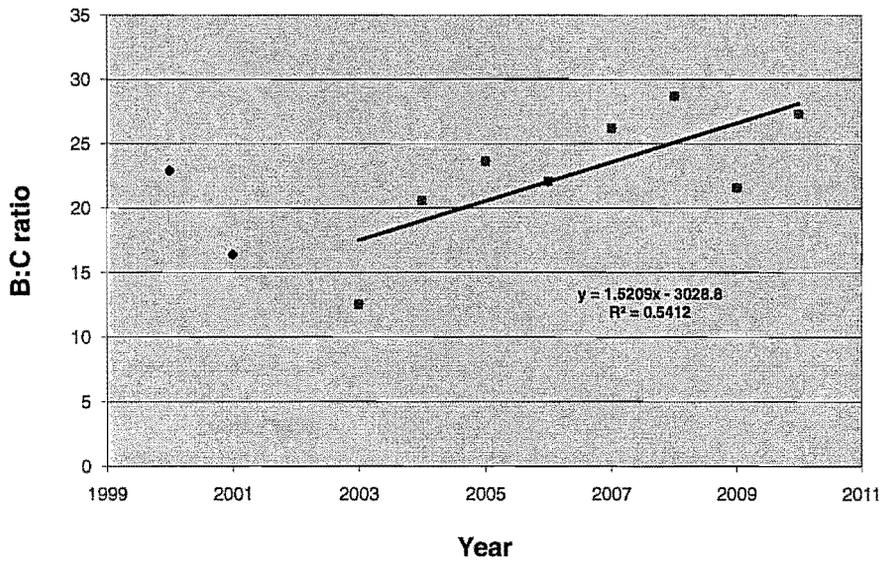




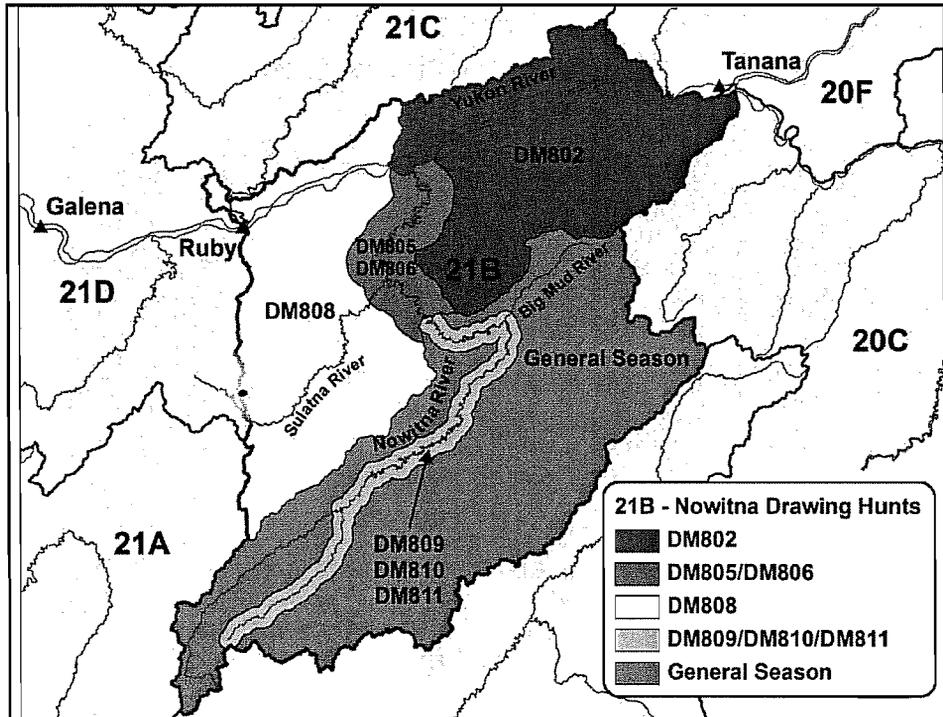
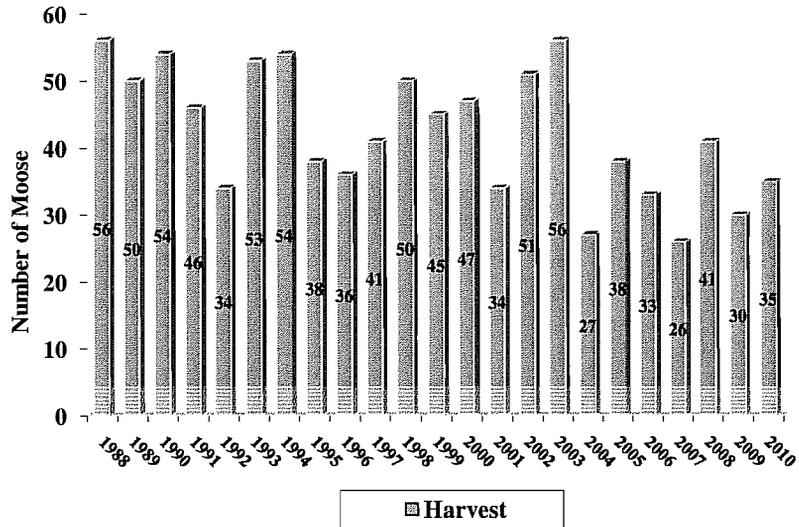
**GMU 21B – Nowitna/Sulatna Trend
Count Area, Aerial Survey
Bulls:100 Cows**

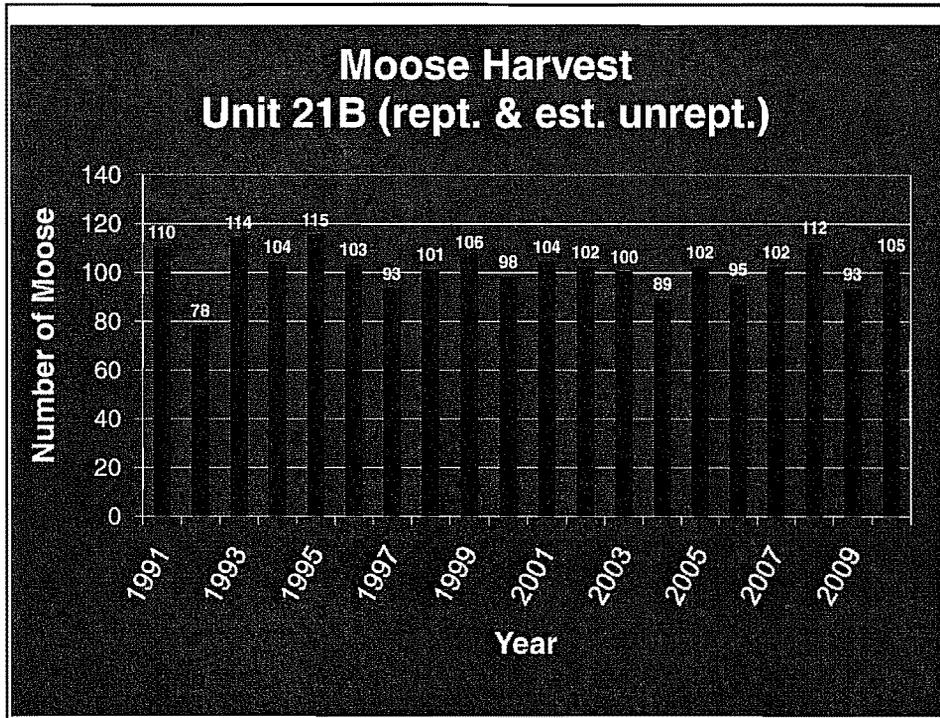


Nowitna - Bull:100 Cows



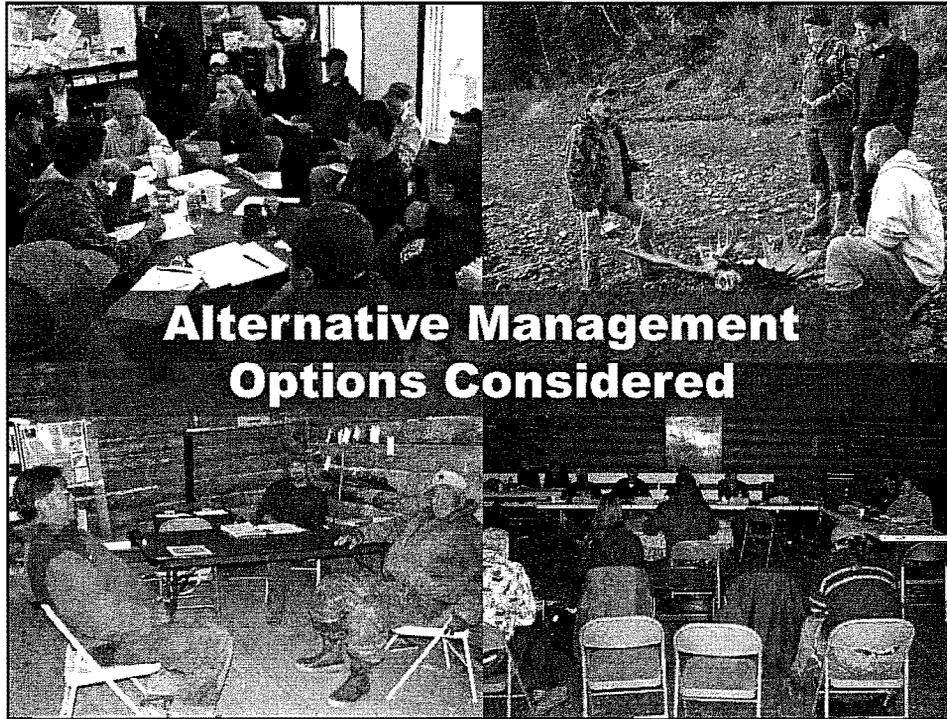
GMU 21B – Nowitna River Check Station Moose Checked





Management Program – Summary

- **Reduced harvest on river corridors**
- **Improved hunter distribution**
- **Improved bull:cow ratios (esp. corridors)**
- **Fall harvest is improved for local hunters**
- **Reduced demand of local hunters for winter harvest, therefore fewer cows harvested**
- **Population stable**
- **Harvest opportunity increasing in KCUA**
- **Choice for Resident hunters is maintained with Drawing Permit opportunity**
- **Illegal guiding reduced**



Alternative Management Options Considered

Management Tool Options Considered

(Not including untenable alternatives)

- **Season length**
- **Antler restrictions**
- **Drawing Permits**
- **Controlled Use Areas**
- **Motor size restrictions**
- **Boat size restrictions**
- **Limit Registration Permit availability***
- **In-season EO closures**
- **Weapons restrictions**
- **Limit # permits/boat**
- **Shorten reporting time**
- **Reduce Non-resident seasons/permits**
- **Limit # guides/transp.**
- **Tier II Permits**
- **Federal Seasons/Permits**
- **Federal Closed Areas**
- **Early season hunts**
- **Head salvage**
- **Meat-on-the-bone**
- **Antler destruction**

Limited Registration Permit “Models”

- **Limited by vendor location (where)**
- **Limited by distribution timing (when)**
- **Limit by number of permits**
- **Concurrent Registration Permits**
- **Hunt conditions**
 - **Cap # of Permits in field at one time**
 - **Permits/household**
 - **Other Permit Hunts Restricted**
 - **Other hunts conditions**

Untenable Alternatives

Trophy Fees (Statute)

- **Optional for Registration Permit (e.g. post harvest)**
- **Drawing Hunt application fee**

No non-natives & Native land only hunts

Community Harvest program

Predator Control (increase moose #'s)

- **Harvest incentives, Snaring clinics, etc.**

Preference point system

Moose permits for wolves/bears harvested

Limit fuel sales in villages

Hunter harassment

Targeted law enforcement/Local village patrols

Signing on private and public lands

Additional check-stations

Utilize Black Bear resource better

Two Registration permits (“Capped” vs. “Uncapped”)

Registration Permit holders can't hunt/fish/trap in any other GMU

Management Tool Options Considered (Limits Reasonable Opportunity)

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Season length • Antler restrictions • Drawing Permits • Controlled Use Areas • Motor size restrictions • Boat size restrictions • Limit Registration Permit availability • In-season EO closures • Weapons restrictions • Limit # permits/boat | | <ul style="list-style-type: none"> • Shorten reporting time • Reduce Non-resident seasons/permits • Limit # guides/transp. • Tier II Permits • Federal Seasons/Permits • Federal Closed Areas • Early/Split seasons • Head salvage • Meat-on-the-bone • Antler destruction |
|---|--|--|

Management Tool Options Considered (*Non-local Opportunity Limiting*)

- | | |
|---|---|
| <ul style="list-style-type: none"> • Season length • Antler restrictions • Drawing Permits • Controlled Use Areas • Motor size restrictions • Boat size restrictions • Limit Registration Permit availability • In-season EO closures • Weapons restrictions • Limit # permits/boat | <ul style="list-style-type: none"> • Shorten reporting time • <i>Reduce Non-resident seasons/permits</i> • <i>Limit # guides/transp.</i> • <i>Tier II Permits</i> • <i>Federal Seasons/Permits</i> • <i>Federal Closed Areas</i> • Early/Split seasons • Head salvage • Meat-on-the-bone • Antler destruction |
|---|---|

**Management Tool Options
Considered
(Not Subsistence Opportunity Limiting)**

- | | |
|---|--|
| • Season length | • Shorten reporting time |
| • Antler restrictions | • <i>Reduce Non-resident seasons/permits</i> |
| • Drawing Permits | • <i>Limit # guides/transp.</i> |
| • Controlled Use Areas | • <i>Tier II Permits</i> |
| • Motor size restrictions | • <i>Federal Seasons/Permits</i> |
| • Boat size restrictions | • <i>Federal Closed Areas</i> |
| • Limit Registration Permit availability | • Early/Split seasons |
| • In-season EO closures | • Head salvage |
| • Weapons restrictions | • Meat-on-the-bone |
| • Limit # permits/boat | • Antler destruction |

**Management Tool Options
Considered
(Opportunity Limiting)**

- | | | |
|---|---|--|
| • Season length | } | • Shorten reporting time |
| • Antler restrictions | | • Reduce Non-resident seasons/permits |
| • Drawing Permits | | • Limit # guides/transp. |
| • Controlled Use Areas | | • Tier II Permits |
| • Motor size restrictions | | • Federal Seasons/Permits |
| • Boat size restrictions | | • Federal Closed Areas |
| • Limit Registration Permit availability | | • Early/Split seasons |
| • In-season EO closures | | • Head salvage |
| • Weapons restrictions | | • Meat-on-the-bone |
| • Limit # permits/boat | | • Antler destruction |

Limited Registration Permit Option

Effect

- Limits reasonable opportunity for local residents (e.g. firefighters, north slope workers, etc.)
- Limits reasonable opportunity of non-local residents
- Eliminates all non-resident opportunity
- Administration is cost-prohibitive (10 villages), logistically impractical
- Public disapproval

Outcome

Tier II:

- ANS determinations
- Eliminate non-resident opportunity
- Federal response

Federal intervention:

- Reporting data, season alignment
- Management control (i.e. Sustainability, Mgt. objectives, enforcement)
- Reallocation of resource

Early Season Hunt Option

Effect

- Warm fall weather (esp. recently)
- Repeated requests for Emergency seasons
- Low hunter success
- Conflict with other summer activities (e.g. fall chum run, firefighting)
- Low hunter interest
- Not a disincentive

Outcome

- Federal intervention (GMU 21B – 9/26-10/1; GMU 24C/D – 9/26-10/1)

Regulation	Effectiveness	Tier II	Federal Control	Public Opinion	Limits Reasonable Opportunity	Hunting Group Lost
Antler Destruction	High	No	No	Moderate	No	None
Head Salvage	Fine Tune	No	No	Moderate	No	None
Split Seasons	Fine Tune	No	No	High	No	None
Early/Late Season Hunts	Low	No	Yes	Low	No/Yes	None
Limited Registration Permits	Model Dependent	Yes	Yes	Low	Yes	Non-Res Non-Local
Shortened Seasons	High	Yes	Yes	Moderate	Yes	Non-Res Non-local
Antler Restriction	High	Yes	Yes	Moderate	Yes	Non-Res Non-local

Brown Bear (RB601) – Summary

Disincentive

- **Hide and claws if taken out of GMU**
- **Salvage all meat**
- **Permit in advance (vs. Gen. Harv.)**

Incentive

- **No sealing required**
- **Tag fee exempt (no tag fee in RIII)**

Participation

- **86 hunters - 4 bears; in last 7 years**

Antler Destruction a “victim” of it’s own Success

- **Increased bull:cow ratios have led to the perception of abundance (i.e. no need for antler cutting regulation)**
- **Good cohorts of 2003-05 are now 50”-60” bulls means more large bulls now in harvest (hunters didn’t have as much problem with regulation when they were cutting 30”-40” bulls)**
- **With time, people have forgotten about number of hunters, low numbers, hunter conflicts, declining population**
- **With more moose being harvested, more hunters are being challenged with the need to comply**

Potential Outcomes with Eliminating Trophy Destruction Tool

- **Increase in number of hunters**
- **Decline in Bull:Cow ratios**
- **Increase in hunter conflicts**
- **Harvest will exceed sustainability**

Response

- **Restrictive regulation (seasons length, antler restrictions, CUA’s, etc.)**
- **Tier II (no Non-res.), Federal hunts, Federal closures, Law suits**
- **Decreased State authority for management**

Department Recommendation:

**Retain Discretionary Permit Management
tool for trophy nullification**

