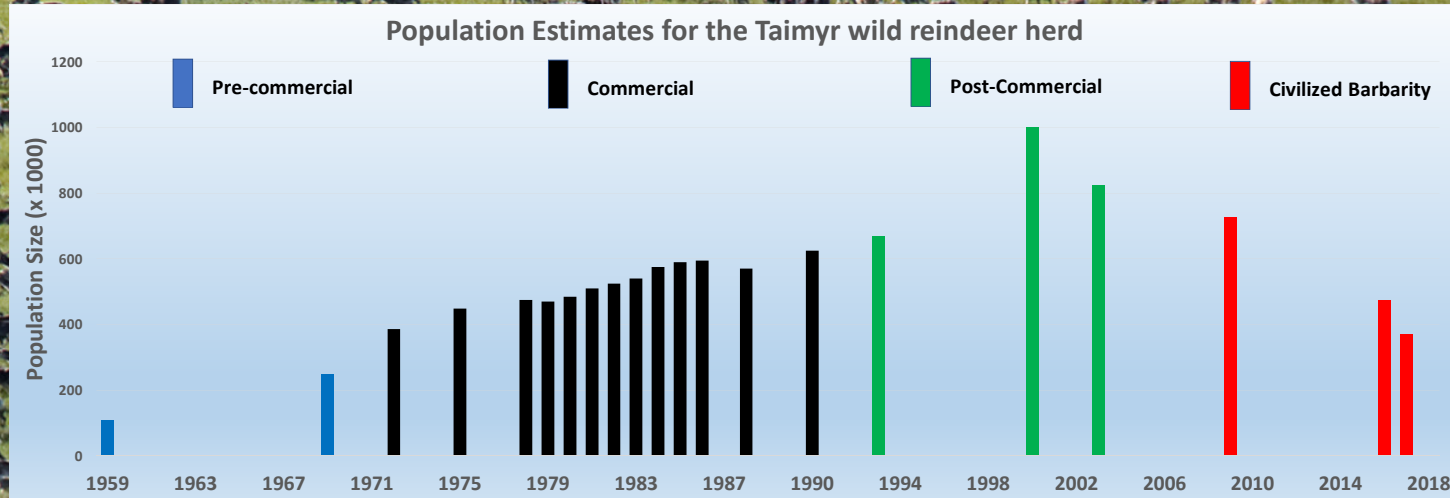


Taimyr Herd: Current status, challenges and solutions

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Status

- 370,000 estimated in 2017
- Declined by 62% since 2000
- Decline in pregnancy rates and calf survival
- Harvest more mechanized: 60-80,000 per year
- Wolf populations increased

Challenges

- Lack management and monitoring plan
- Lack coordination with neighboring jurisdictions
- Lack adequate management data to set harvest limits
- Current harvest totally motivated by profit, not conservation
- Practice of removing antlers from live animals resulting in mortality and infertility
- Widespread poaching
- Lack of personnel and funding
- Lack range disturbance inventory
- Lack understanding of impacts of development

Solutions

Population Management and Monitoring

- Develop management plan
- Develop census protocols, repeated every 3 years
- Develop satellite monitoring program

Range management

- Request Ministry of Agriculture to inventory disturbed range and remaining key habitats
- Develop legislation for range reclamation

Health and Disease

- Identify sites and prevent spread of anthrax infection
- Monitor reindeer parasites and disease, including safe carcass handling

Cooperation

- In cooperation with Republic of Sakha and Krasnoyarsk region,
 - conduct complimentary management and monitoring activities ;
 - better determine and coordinate quota limits, and
 - consider banning export of antlers
- Create specialized group to ensure effective protection and monitoring
- Create specialized group to enforce regulations regarding poaching
- Better involve indigenous population in protection and monitoring

Commercial harvest management

- Through legislation, ban the collection of antlers from live animals
- Ensure, through legislation, that sale of animal by-products restricted to enable the maintenance of traditional lifestyles and economic activities