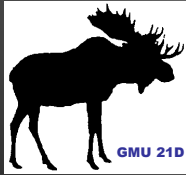


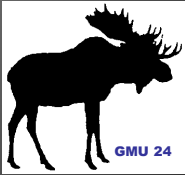




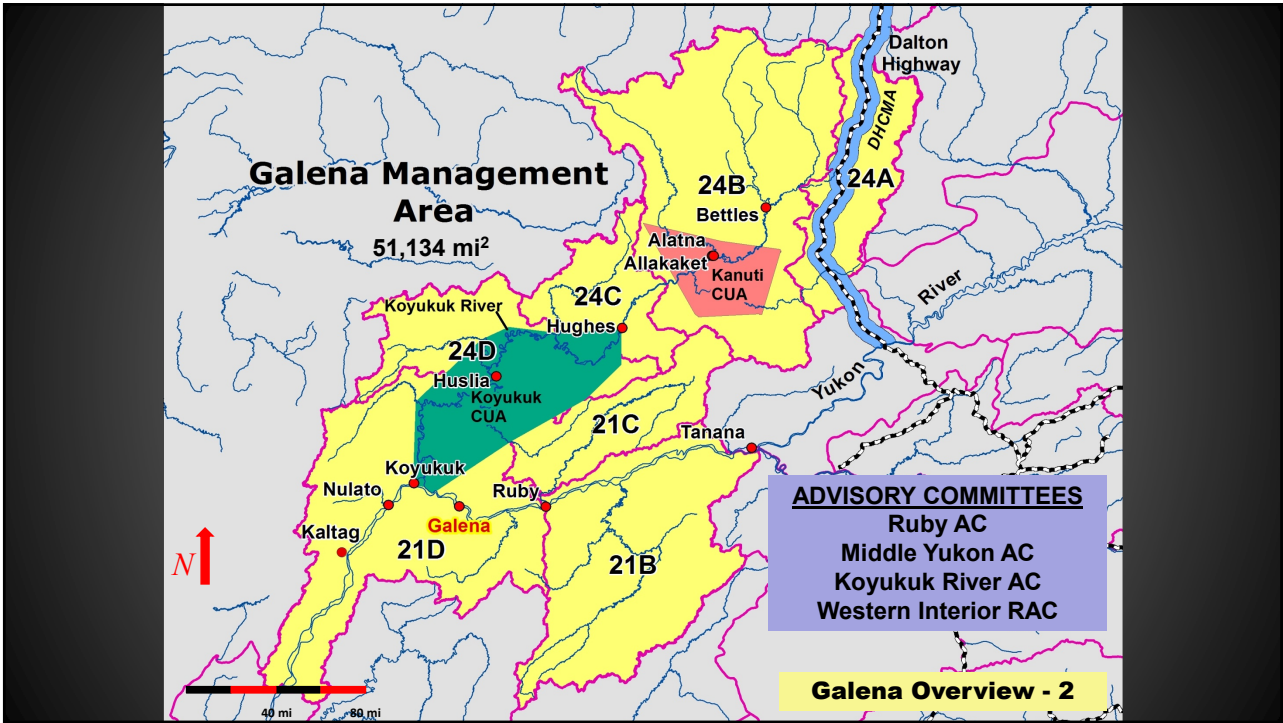
Galena Management Area Overview

Glenn Stout – Area Biologist
Sara Longson – Asst. Area Biologist
Stephanie Sweetsir – Office Asst.

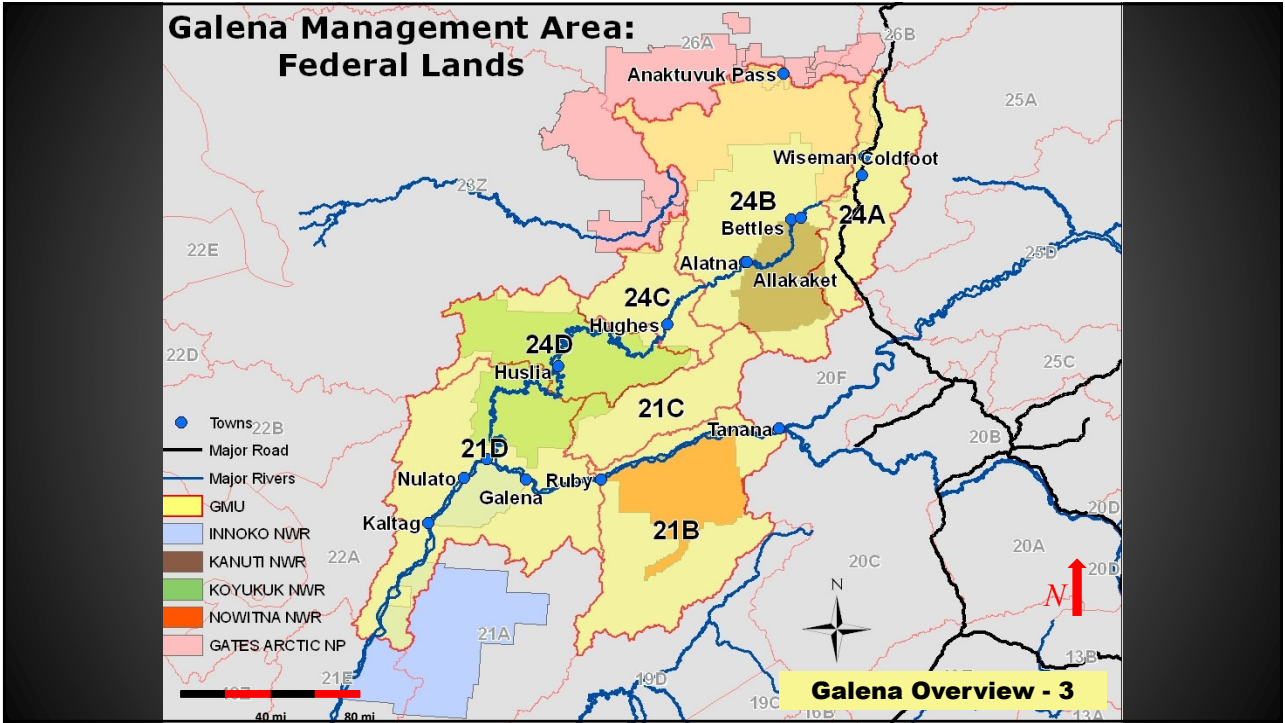




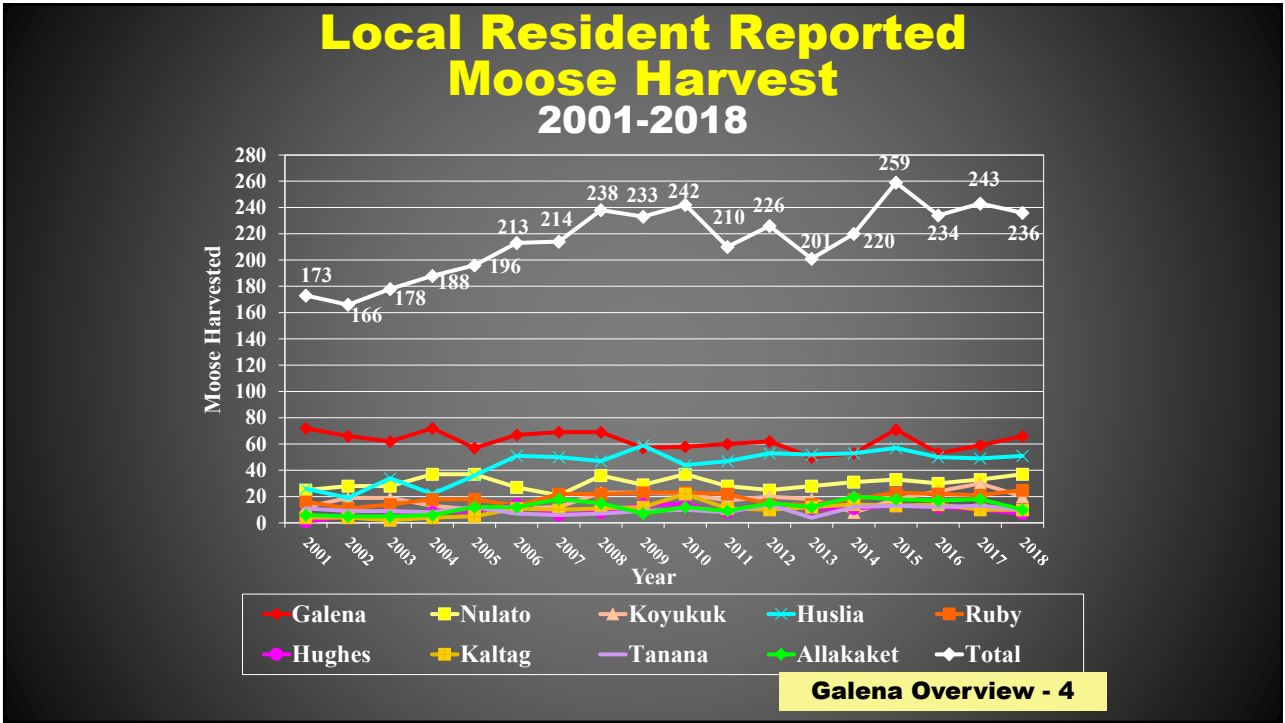
1



2



3

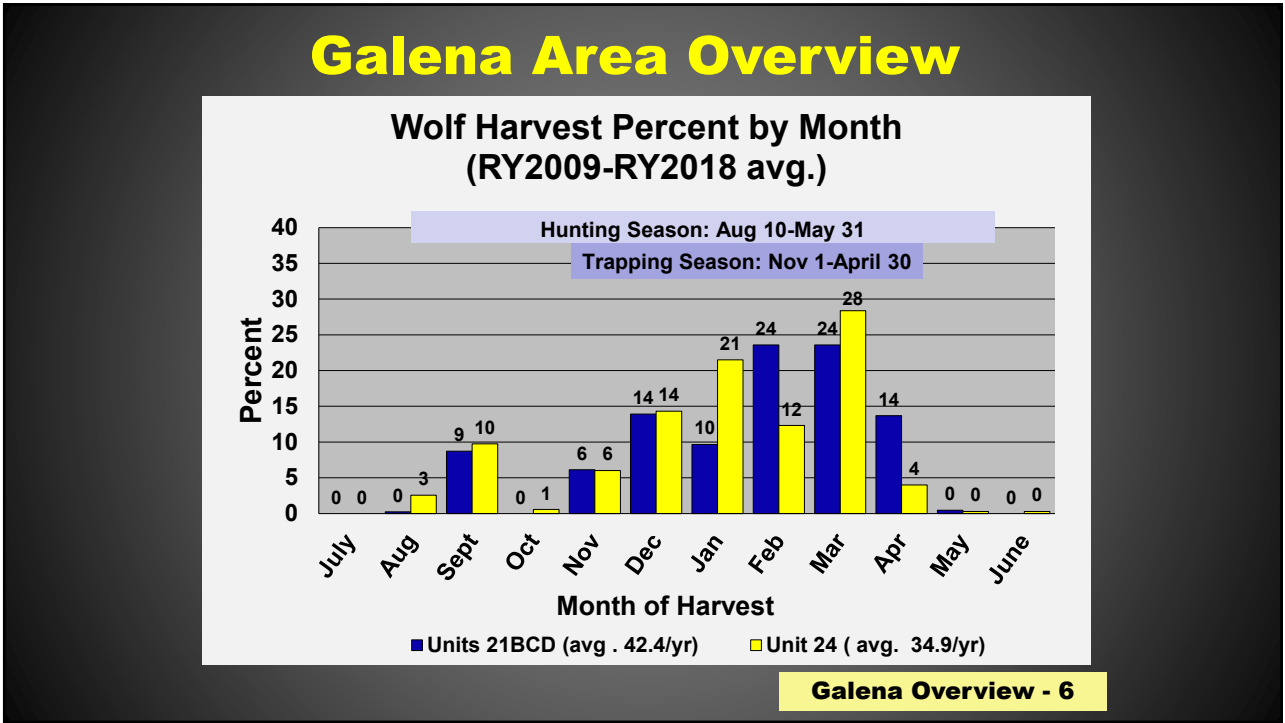


4

Galena Area Overview		
Species	Status	Proposals
Black Bears	Low?	0
Grizzly Bears	Stable/Incr.?	7
Caribou	Declining	2
Moose	Stable	4 
Sheep	Stable	0
Furbearers	Stable	0
Small Game	Stable	0
Wolves	Stable	0
Muskox	Few	1
CUA/MA/Methods/Pred. Control		6

Galena Overview - 5

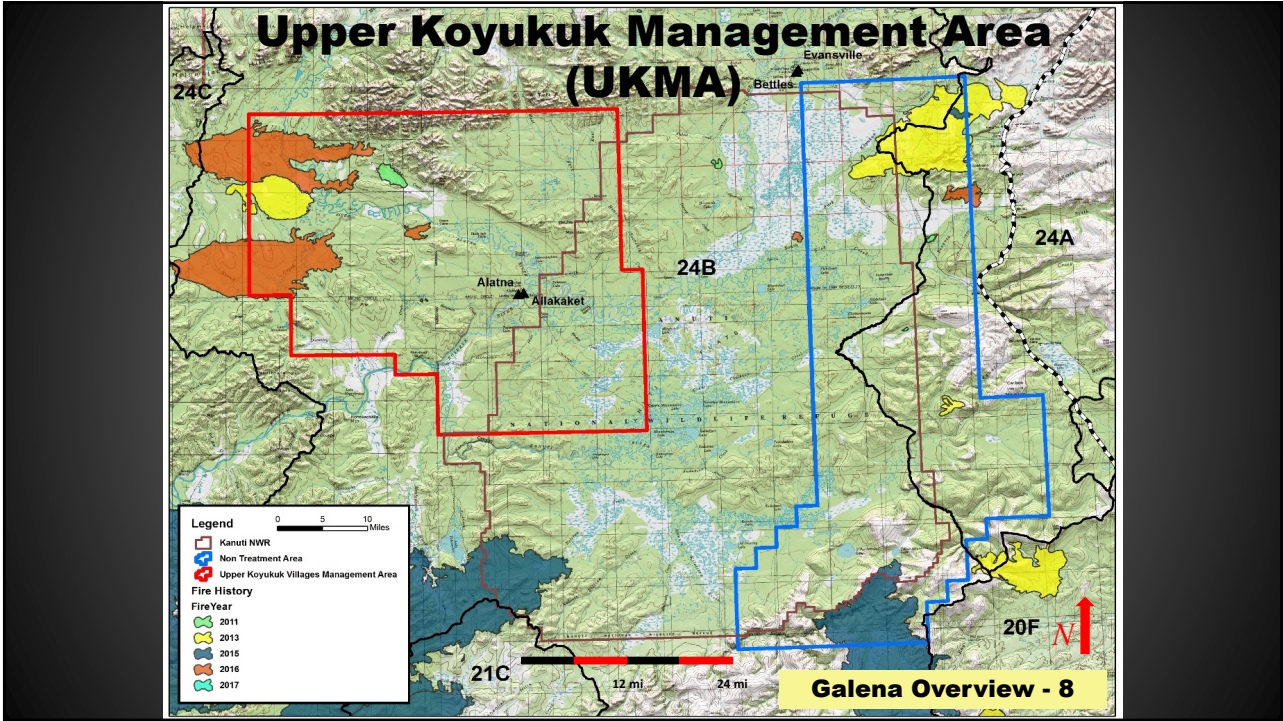
5



6



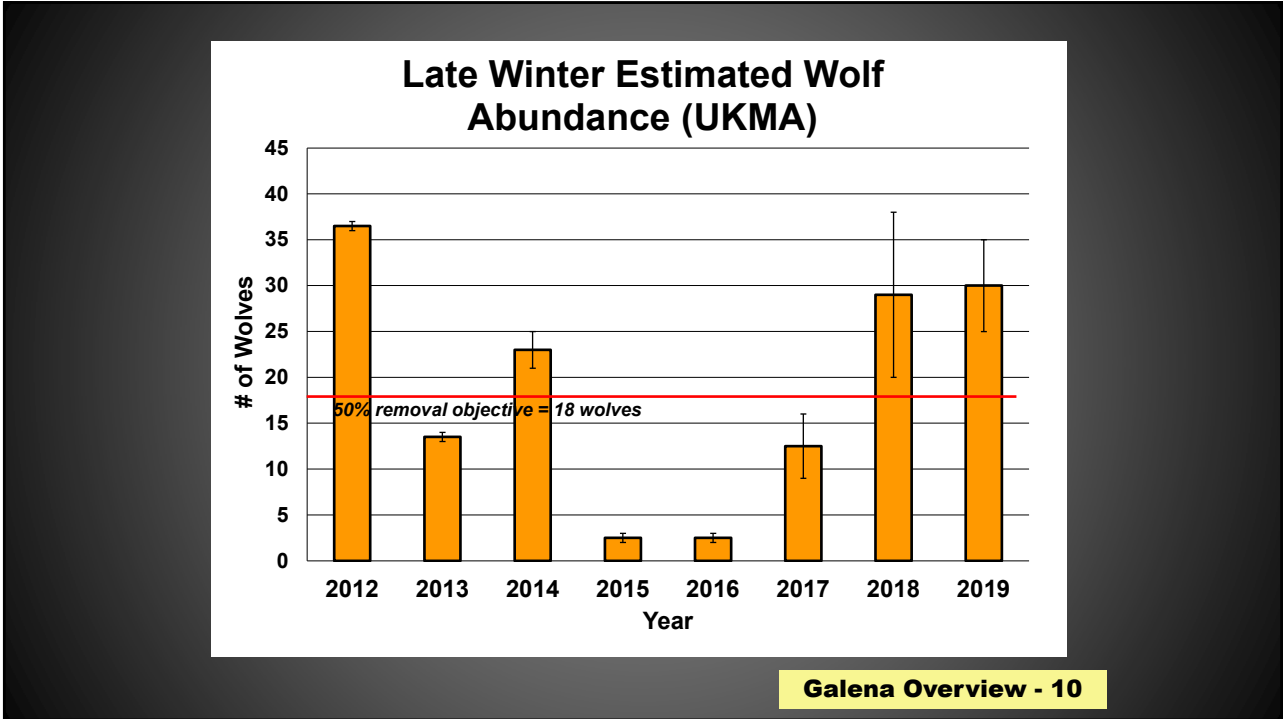
7



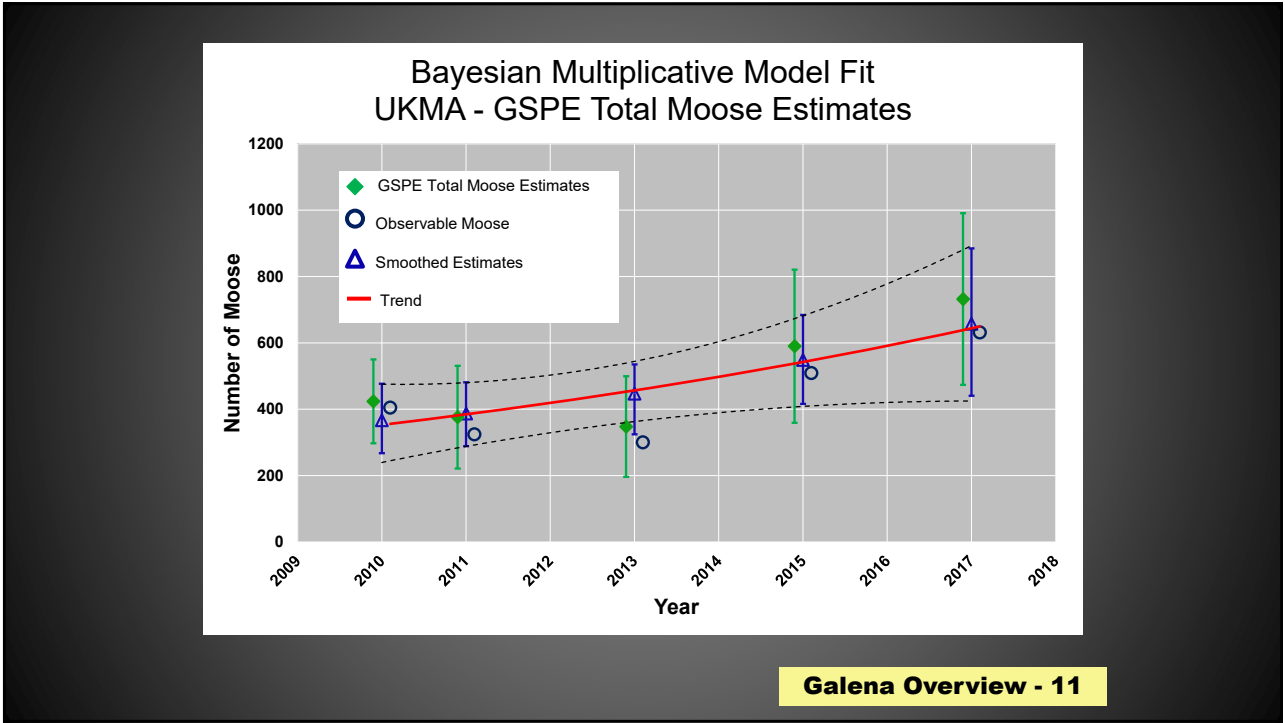
8

10 Years of Winter Severity Indices - Bettles, Alaska											
Weather Index	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	28-year Avg.
Days with (1 in.) snow	223	223	182	215	211	220	187	205	201	206	215.5
Days with 15.2 cm (6 in.) snow	192	210	165	195	201	138	179	159	185	144	188.7
Days with 30.5 cm (12 in.) snow	171	179	131	172	173	118	168	126	177	126	158.5
Days with 61.0 cm (24 in.) snow	58	105	0	115	138	6	101	22	116	69	89.6
Days with 91.4 cm (36 in.) snow	0	33	0	13	8	0	0	0	0	0	24.6
Days with freezing (32°F) & snow	213	210	213	218	191	212	209	197	210	204	210.0
Days with sub-zero (0°F) & snow	151	173	159	143	147	167	156	134	99	127	144.0
Severity rating	mode rate	severe	mild	severe	severe	mild	mode rate	mild	mode rate	mild	
Galena Overview - 9											

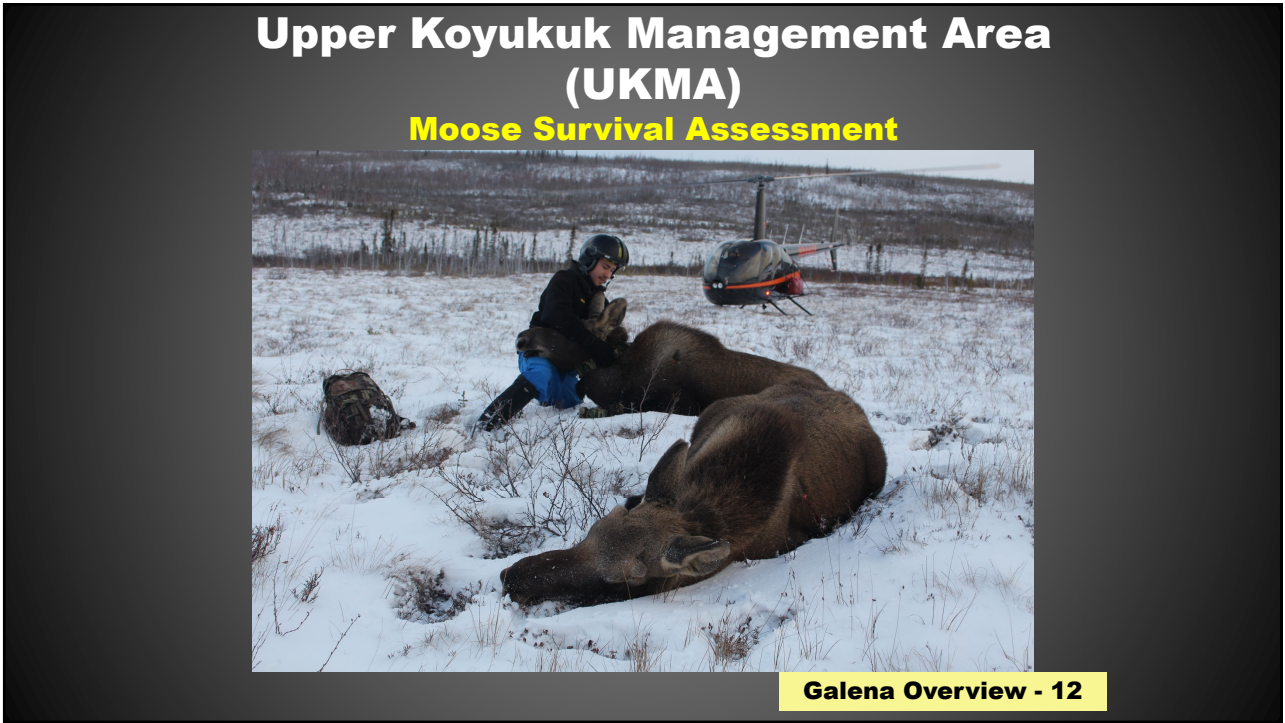
9



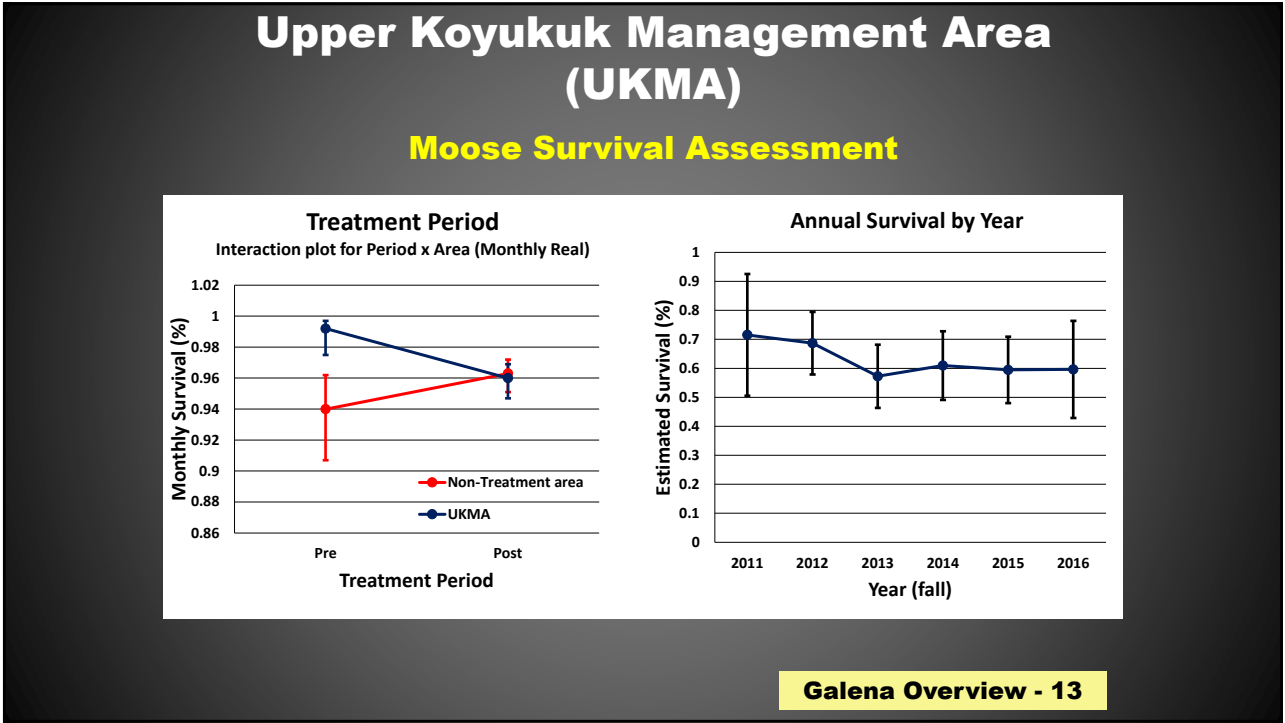
10



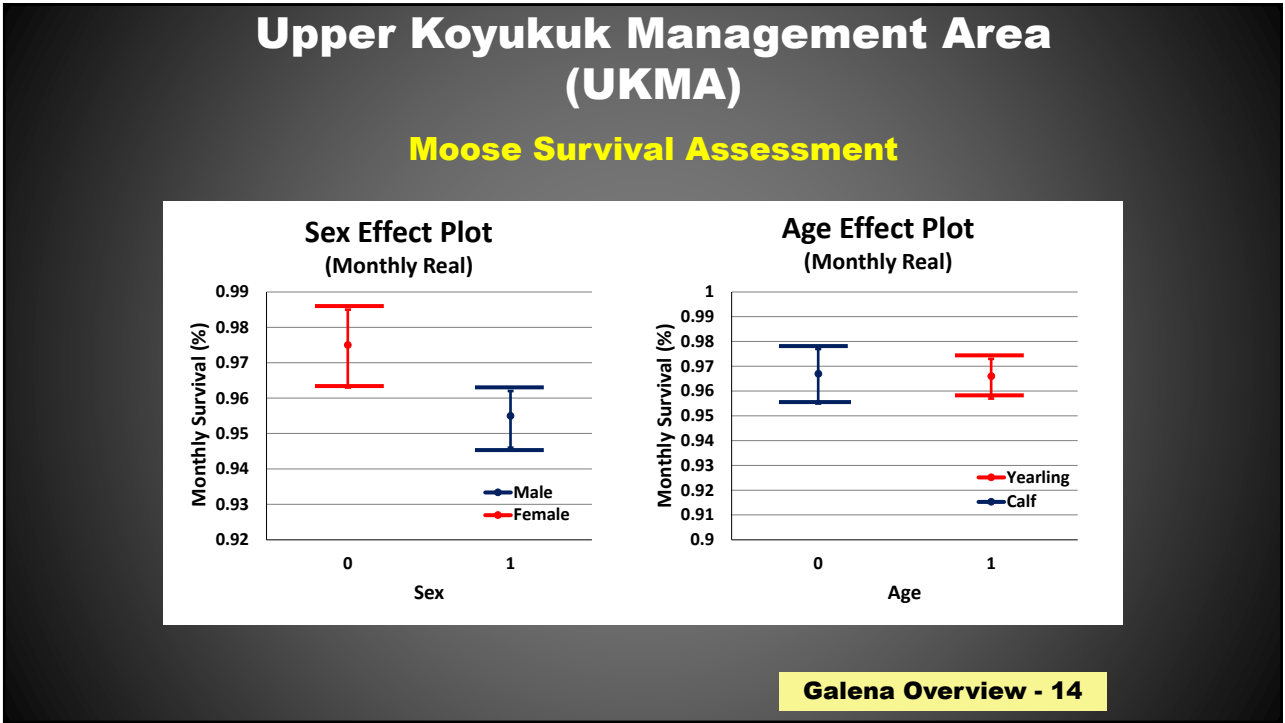
11



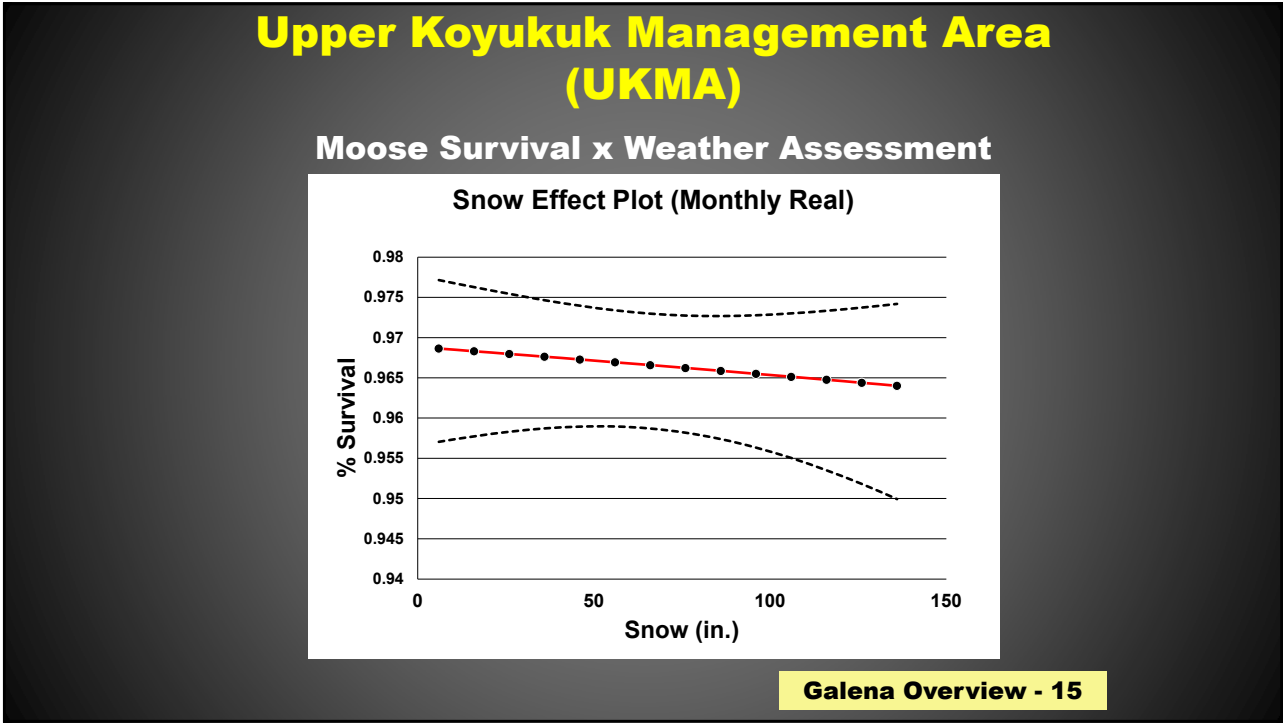
12



13



14



15

Upper Koyukuk Management Area

Program Assessment

What worked well

- Moose abundance increased
- Wolf abundance effectively reduced
- Landowner cooperation (K-Corp, Doyon)
- Wolf skinning contribution (Allakaket Tribe, TCC)
 - Positive Public Support
- Small Area/brief time - targeted approach
- Experimental Control area vs. Pre-treatment Assessment.

Galena Overview - 16

16

Upper Koyukuk Management Area

Program Assessment

What did not work well

- Detecting cause of moose population increase
- Assessing moose harvest (increase?)
- Assessing catch-per-unit-effort (CPUE)
- Assessing weather effect
- Assessing boundary effect

Budget (operational)

- (S&I \$286.7K) + (CIP \$589.7K) = \$876.4K Total
- Monitoring - \$752.6 (86%) Control - \$123.8K (14%)

Galena Overview - 17

17

Upper Koyukuk Management Area

Questions?



Photo Courtesy – Allen V. Bair

Galena Overview - 18

18