



Harvest Summary 2013 or . . .

Everything you really didn't want to
know about the Duluth Bowhunt,
and were afraid to ask.

Submitted to ABA Board
By Bork

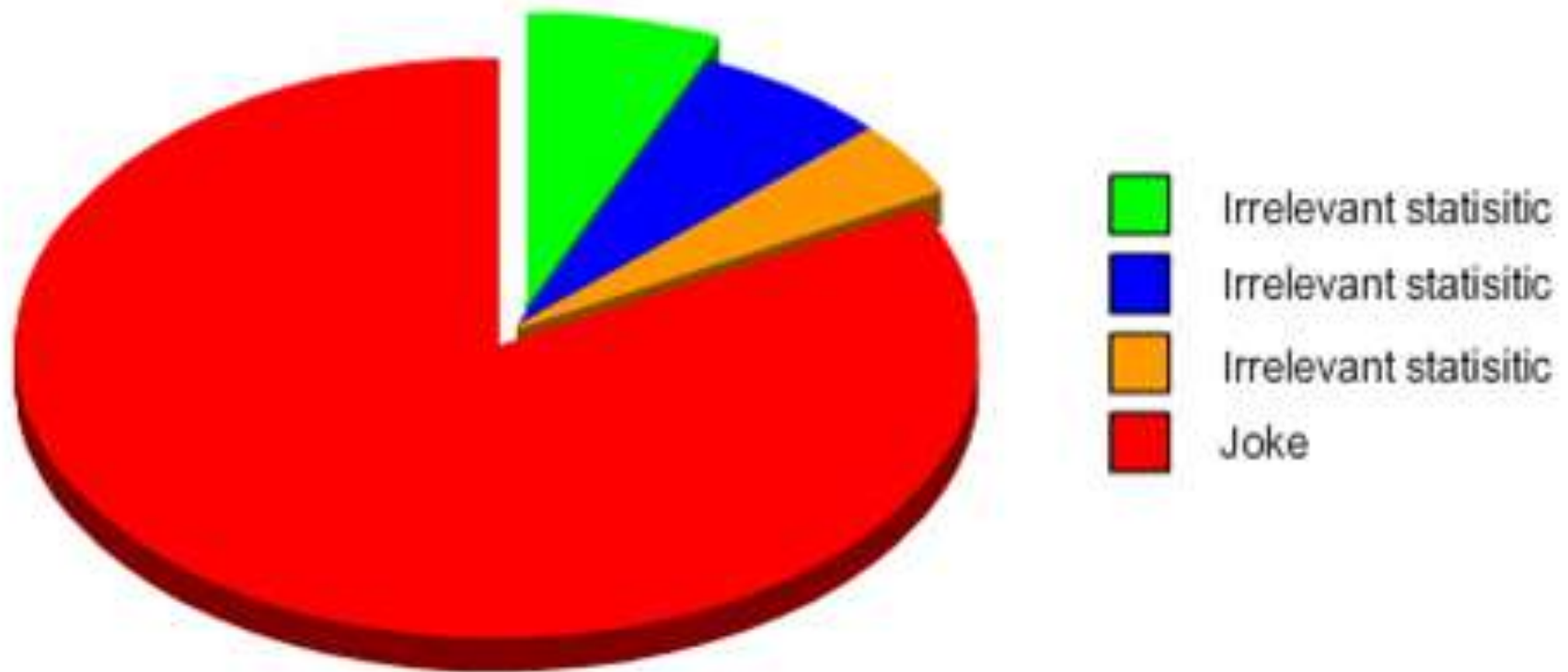
Part 1, Summary of the 2013 Hunt

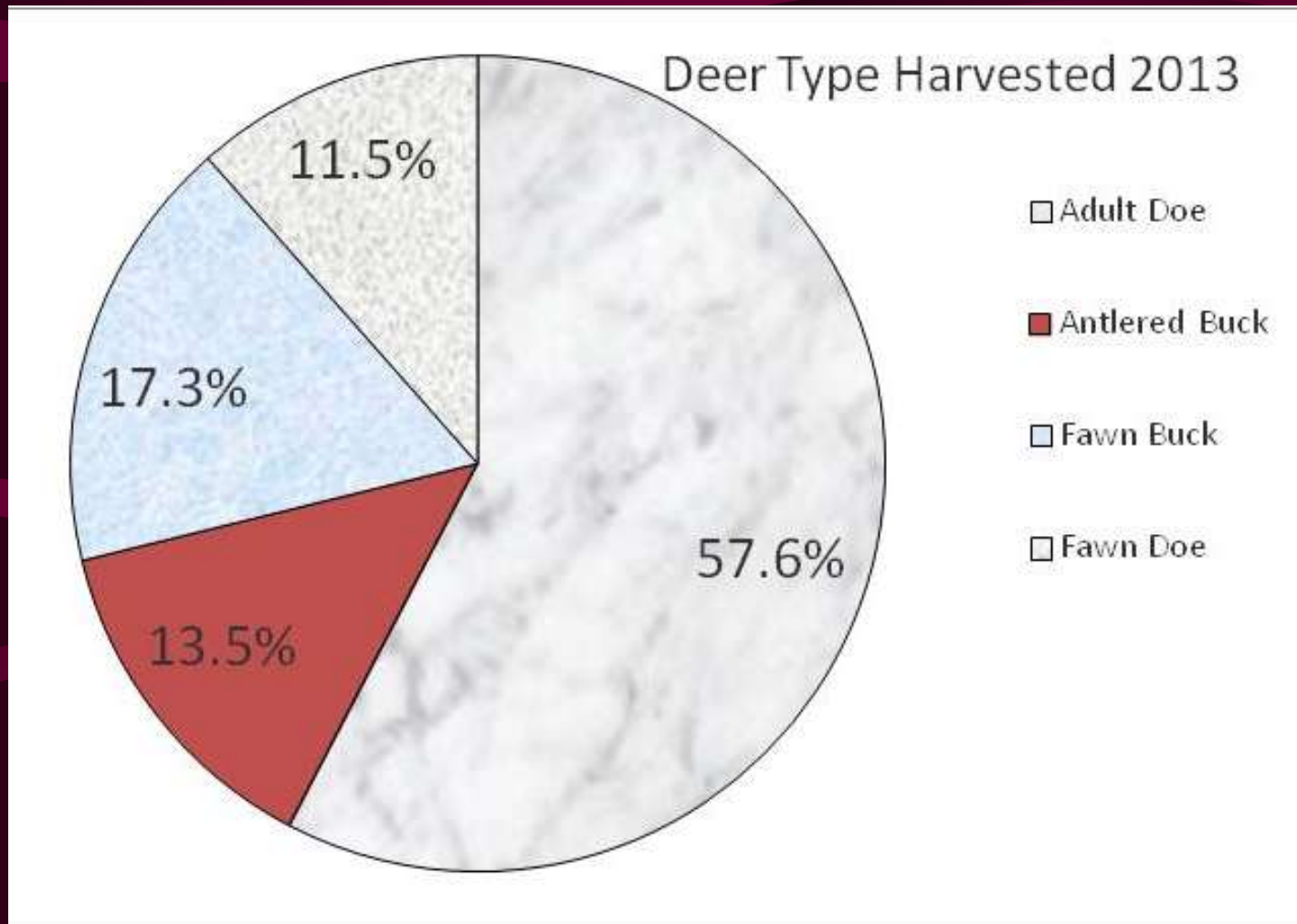
2013 Results

- 391 Hunters placed
- 399 Deer Harvested (345 ♂, 54 ♀)
- 1.02 ± 0.17 Deer / Hunter
 - Only 0.14 ± 0.03 Bucks / hunter
- 10.8 deer / mile² harvested
 - 11.7 without Hot Spot stats
 - Hot Spots were not the success story as in years past.

Photo Credit: T. Florestano

How to interpret Bork's Graphs





2013 Duluth Bowhunt Harvest

13.5% Bucks

86.5% Antlerless

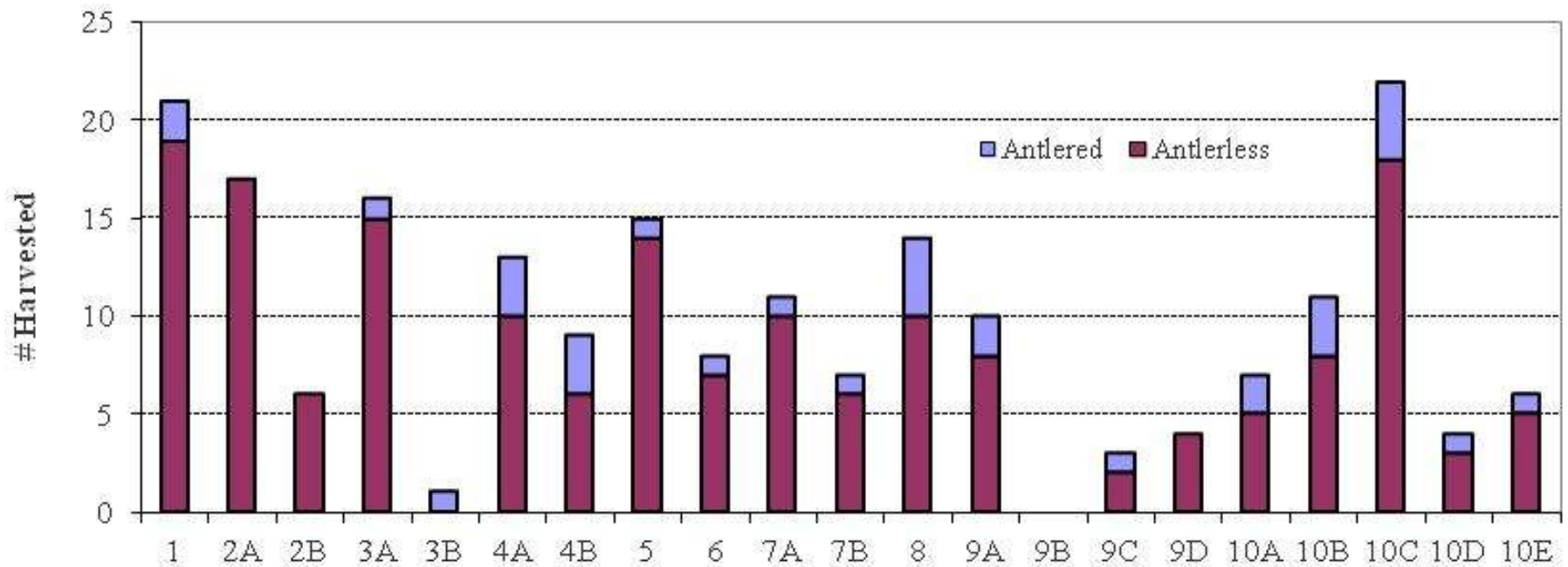
Breakdown of Antlerless

- 345 Antlerless deer harvested in 2013
 - 46 Doe fawns
 - 69 Buck fawns
 - 230 Adult does



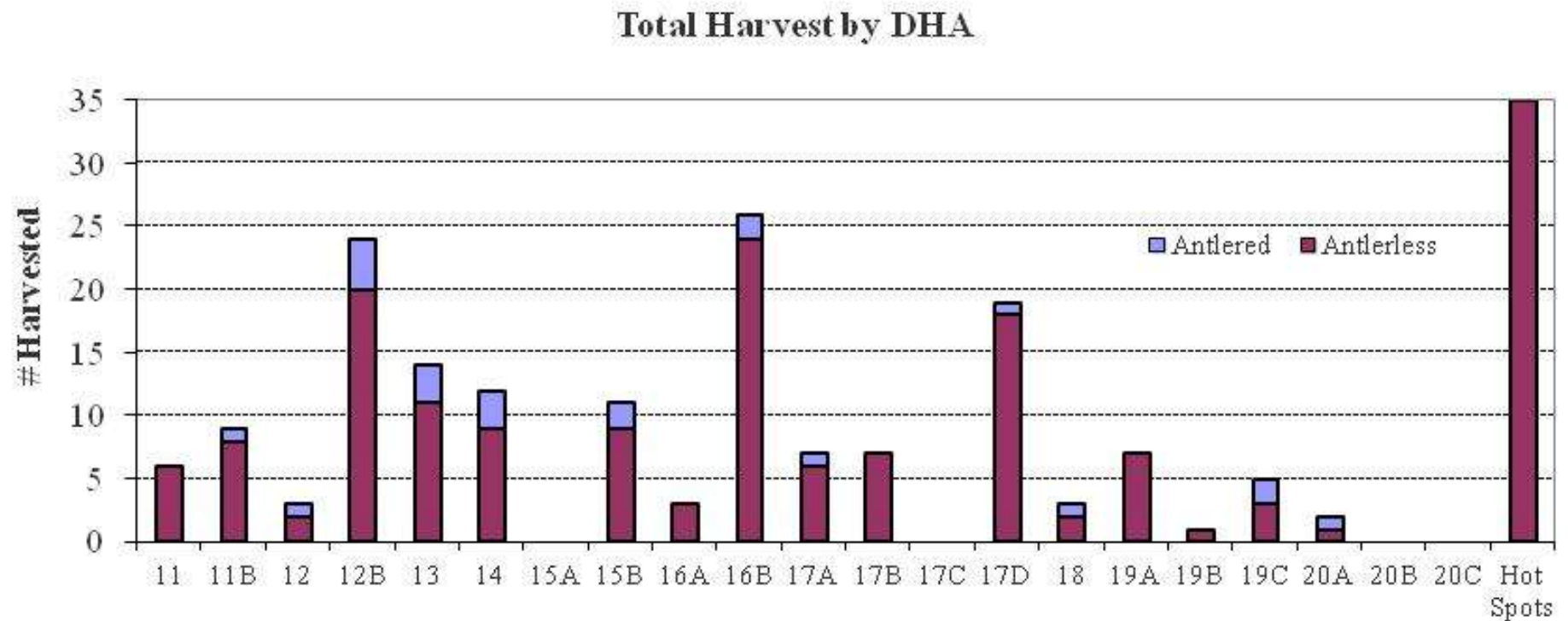
Photo Credit: T. Marino

Total Harvest by DHA



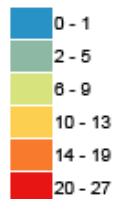
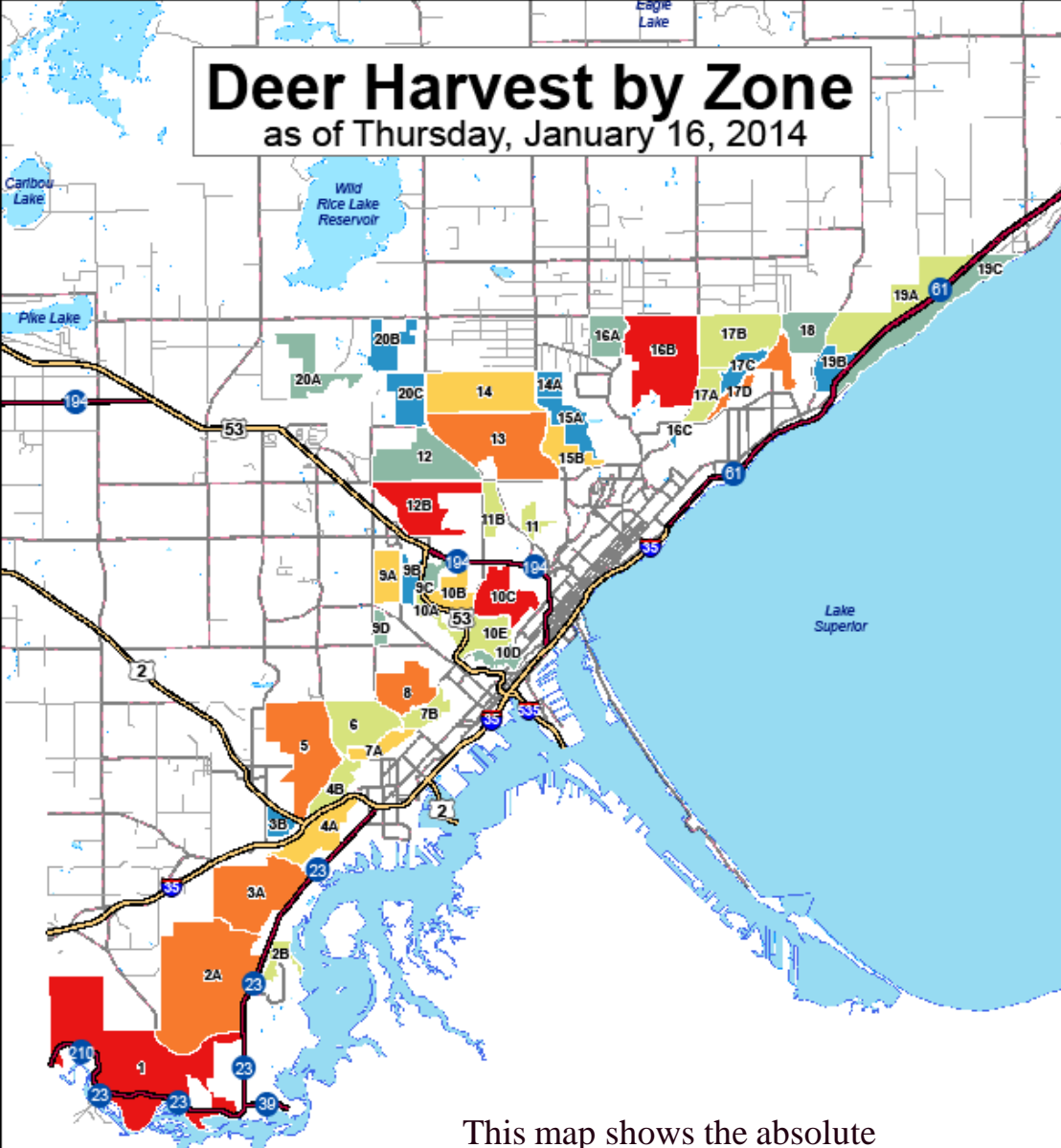
This and the next slide show the number of deer harvested within each of the DHAs during the 2013 Duluth Hunt

Total Harvest by DHA, part 2



Deer Harvest by Zone

as of Thursday, January 16, 2014



This map shows the absolute number of deer harvested within each of the DHAs during 2013.

Map courtesy of Eric McPhee, GIS Guru Extraordinaire

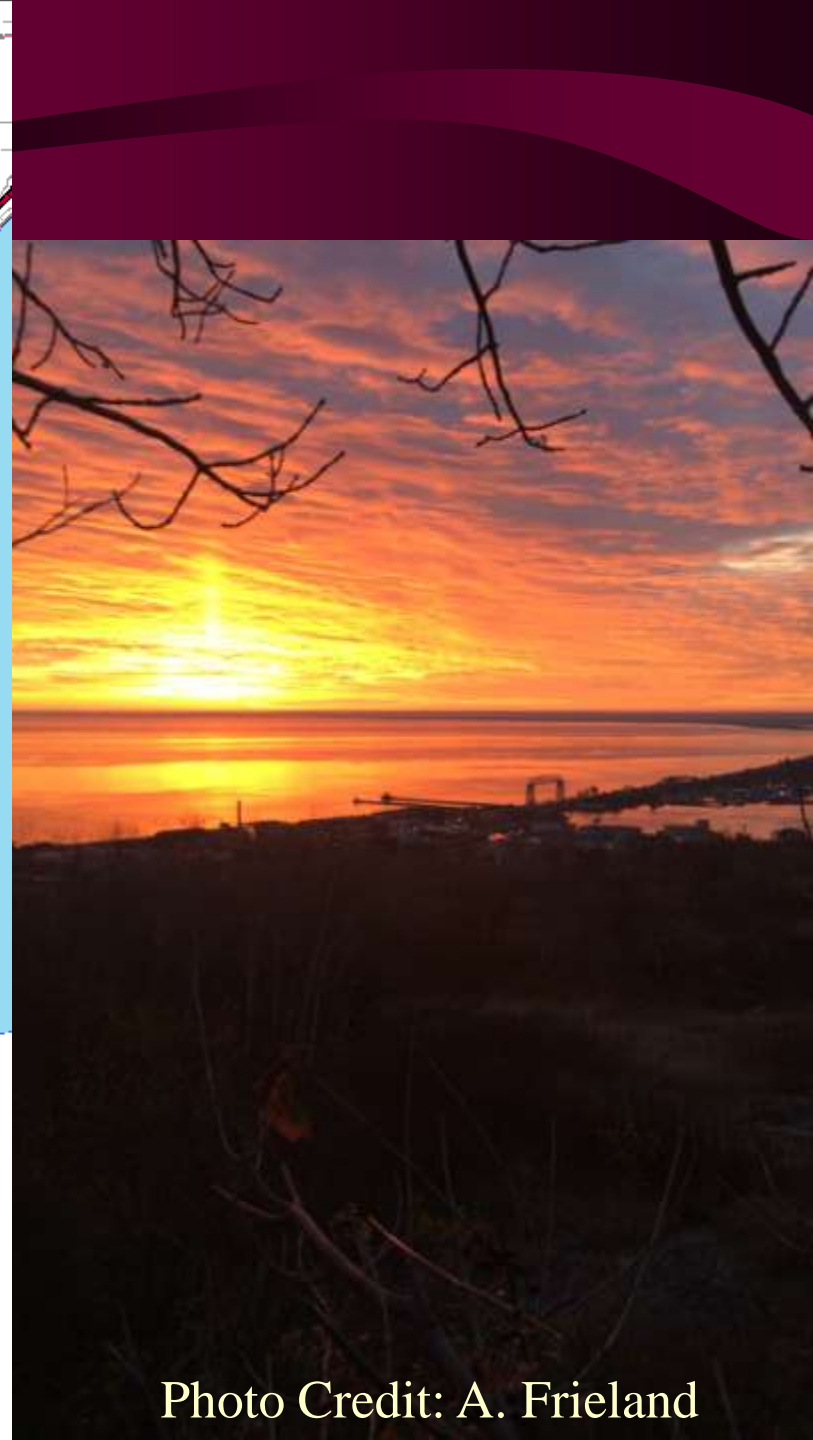
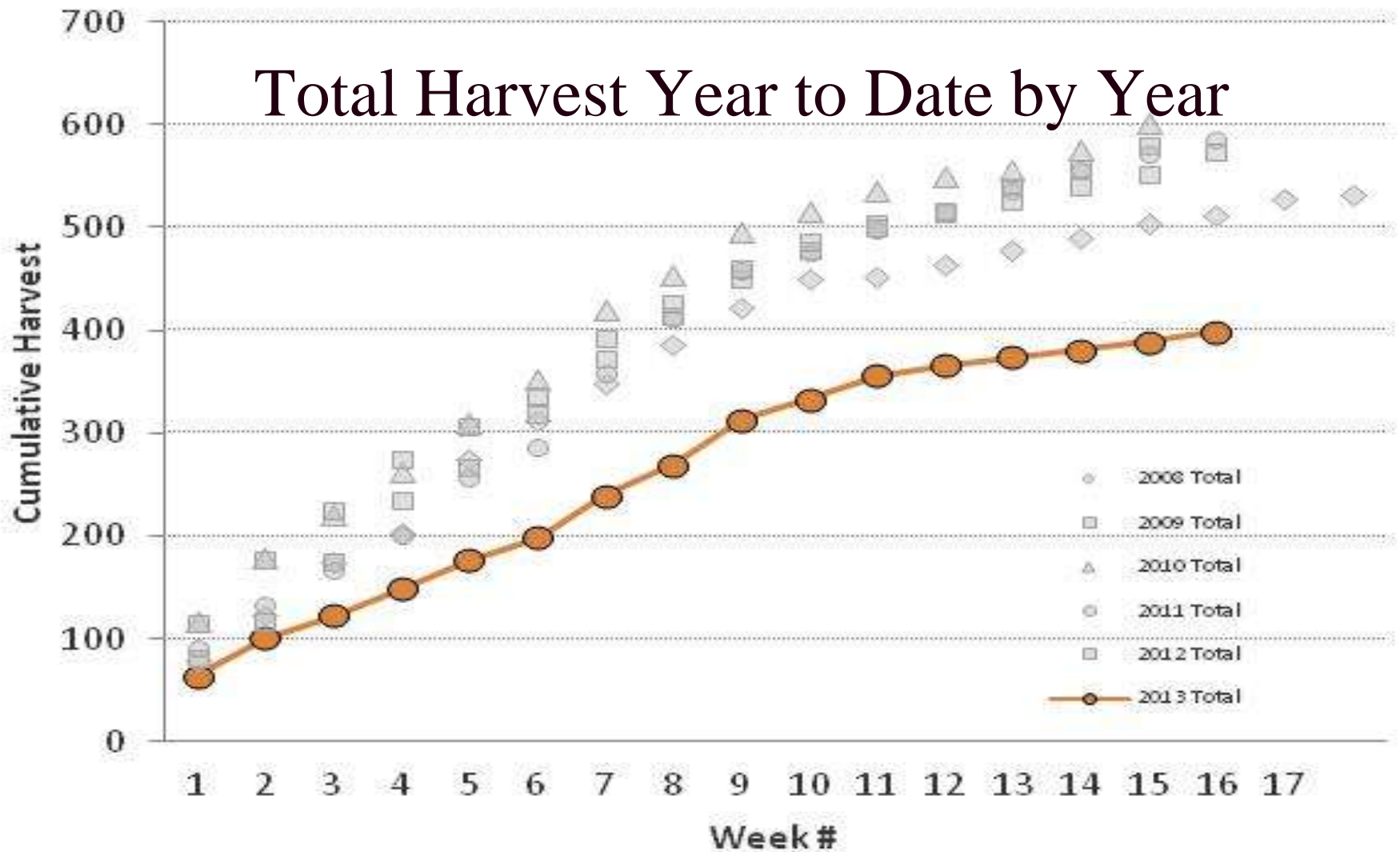


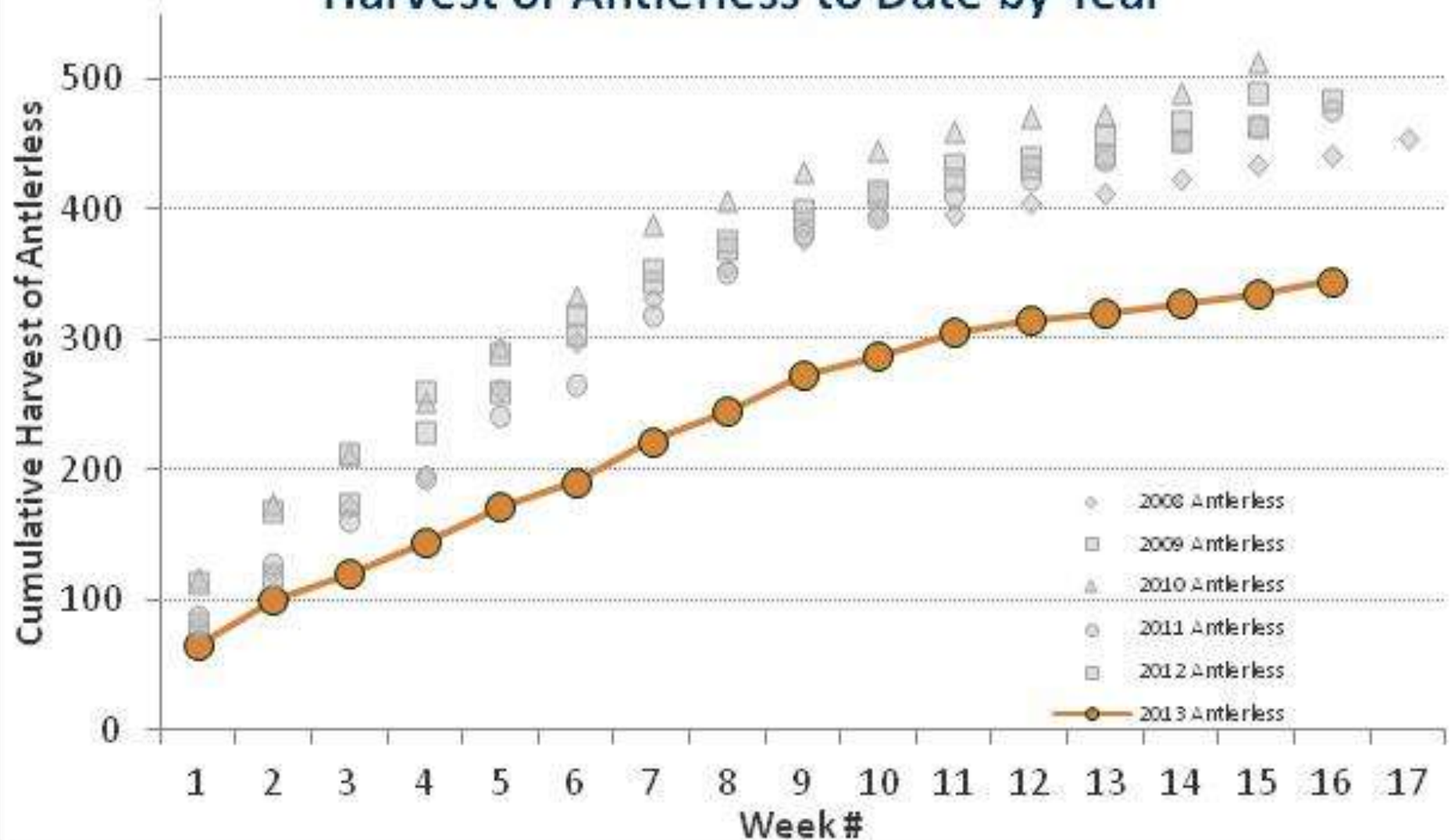
Photo Credit: A. Frieland

Total Harvest Year to Date by Year



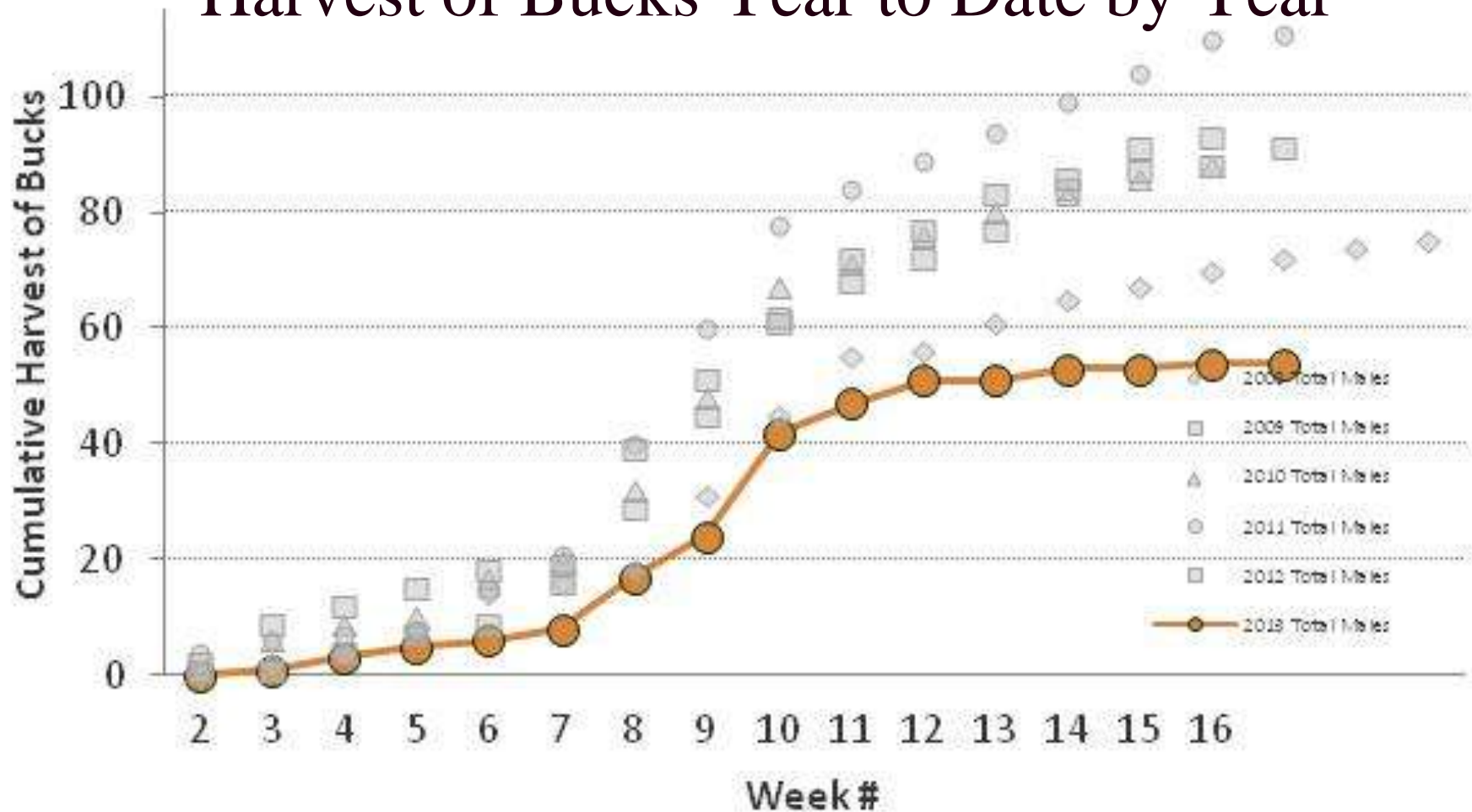
Cumulative total deer harvest, by week, for the last six years of the Duluth Hunt. 2013 data is depicted by the orange circles. Note that harvest was down consistently throughout the 2013 season. This is raw data, not corrected for the number of participating hunters.

Harvest of Antlerless to Date by Year



Cumulative total antlerless harvest, by week, for the last six years of the Duluth Hunt. 2013 data is depicted by orange circles. Note again that harvest was down throughout the entire 2013 season. This is raw data, not corrected for the number of participating hunters.

Harvest of Bucks Year to Date by Year



Cumulative total antlered male harvest, by week, for the last six years of the Duluth Hunt. 2013 data is depicted by orange circles. This is raw data, not corrected for the number of participating hunters.

Generally Cool Summary Stats

	2013	9-year Average
Total Harvest/Hunter	1.02 ± 0.12	1.68
Buck Harvest / Hunter	0.14 ± 0.03	0.27
Anterless Harvest / Hunter	0.88 ± 0.10	1.41
Harvest / Successful Hunters	1.73 ± 0.14	2.22
Buck Harvest / Successful Hunter	0.23 ± 0.05	0.35
Anterless Harvest / Successful Hunter	1.50 ± 0.11	1.87

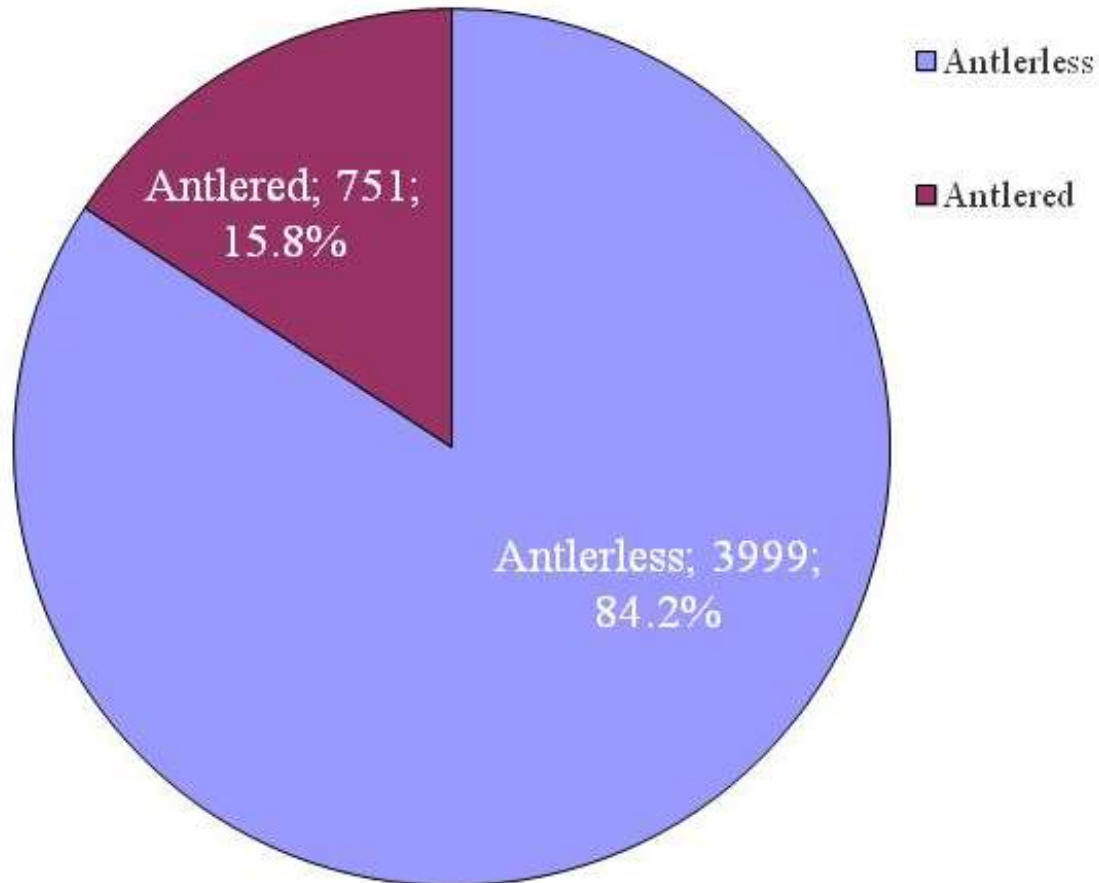
General Stats, cont.

In the previous table, the Totals / Hunter include all registered hunters. This includes all of the hunters that failed to harvest any deer. Not knowing whether this was the result of not spending much time in the woods, or not even getting into the woods is unknown to me. Thus, I removed all of the zero-harvest hunters, and reported harvest / successful hunter. That is the difference between those two stats.

I think these summary stats speak volumes. Average MN bow hunter shoots one deer every 7 - 8 years (0.13 deer / year). An average Duluth bowhunter shoots 0.27 bucks / year, but shoots 1.41 antlerless deer / year, over the last nine seasons. 2013 results were down considerably over years past.

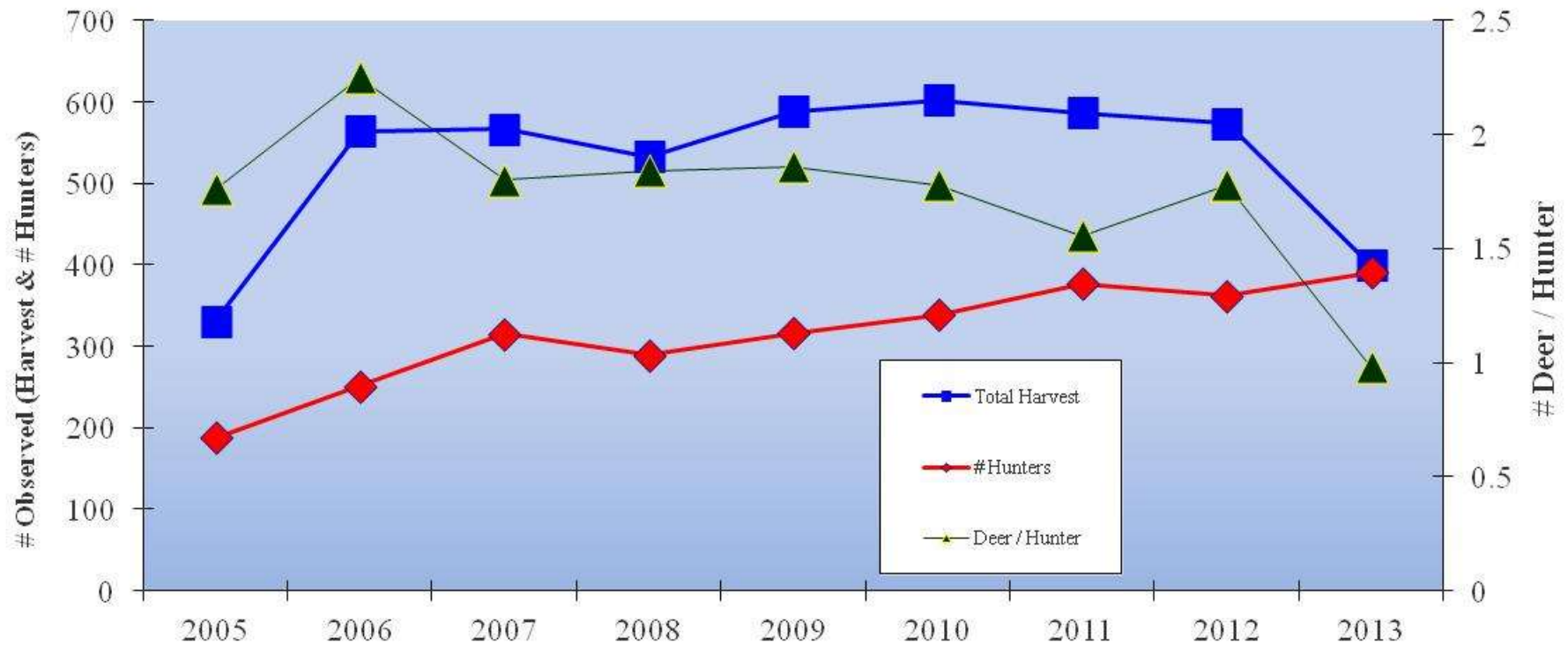
Successful hunters shot 0.35 bucks / year over the last nine years in Duluth. Successful hunters shot 1.87 antlerless / year over the last nine years in Duluth, well above the MN average.

Harvest Summary 2005 - 2013



9-Year Total Harvest

4750 Deer in Nine Years!!!!



- Total Harvest per season had been essentially flat since 2006, maybe down a small amount over last two seasons, until 2013, when it dipped sharply (blue squares).
- # deer / Hunter was essentially flat at about 1.8 deer / hunter from 2007 – 2012, until this season, when it dropped to about 1.0 deer / hunter (green triangles).
- # Hunters participating has been steadily rising since inception in 2005 (red diamonds).

End of the Main Section

- For many of you, this ought to conclude the presentation. You now know more than you may care to about the 2013 Duluth Hunt.
- Pay attention to the website for deadlines for applying for the 2014 Hunt. See you over the summer! Thanks for your participation.
- For those who want a bit more detail, the next section delves into a more depth than normal individuals may care about. Proceed with caution.

Photo Credit: T. Mangan