

The East/West Yana Project: Buck Mortality in Supplemental Feed Environment



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East/West Yana Project Design

East Yana

- 1,100 acres
- Feeder station per 91 acres
- Water trough adjacent to every feed station
- Deer were remnant population
- Deer managed under traditional harvest criteria
- No genetic manipulations

West Yana

- 1,100 acres
- Feed station per 91 acres
- Water trough adjacent to every feed station
- Pasture was depopulated
- DMP utilized to repopulate the pasture
- DMP to try to concentrate genetics

East/West Yana Project Design

East Yana



West Yana



East/West Yana Project Design

Captures

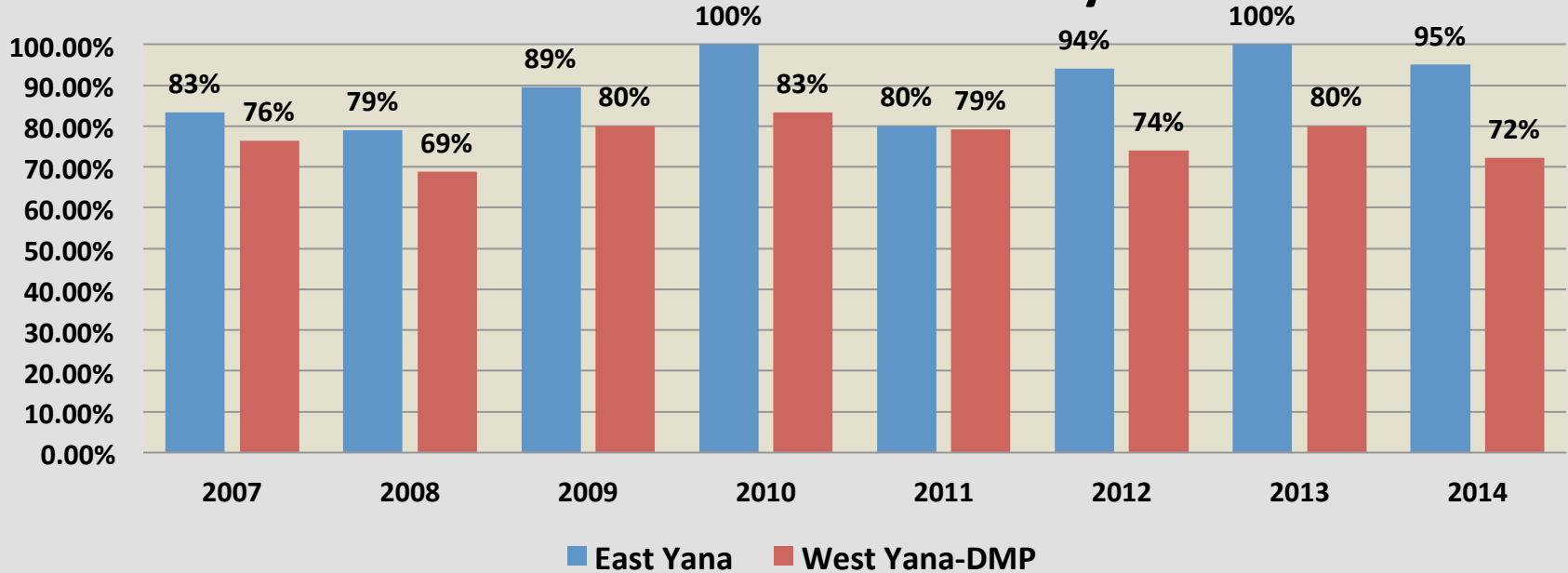


Game Cameras



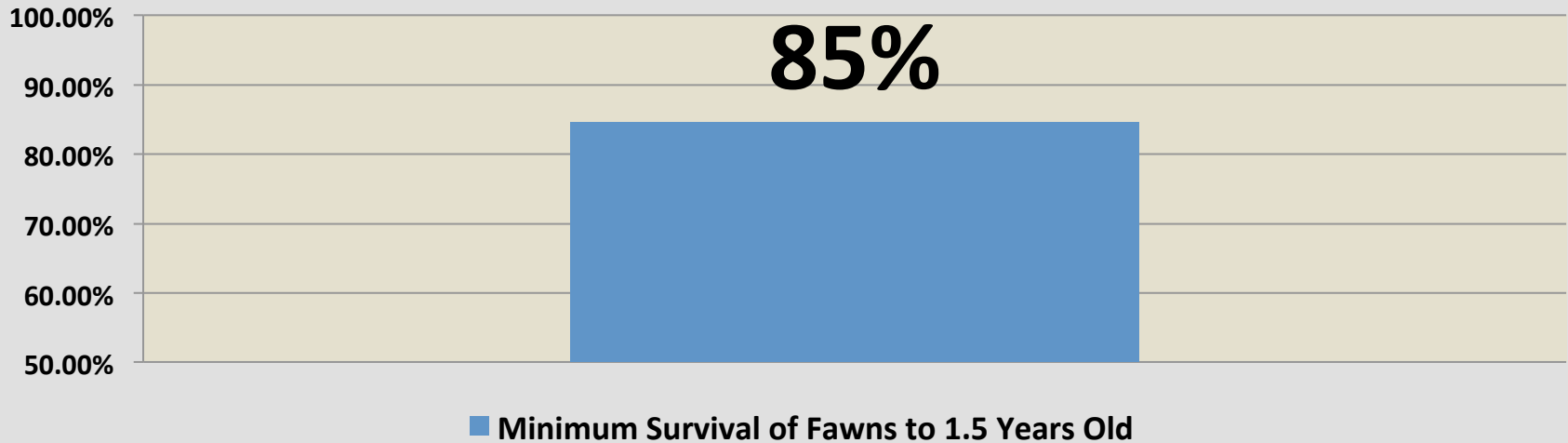
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Minimum Fawn Survival to 1.5 year old



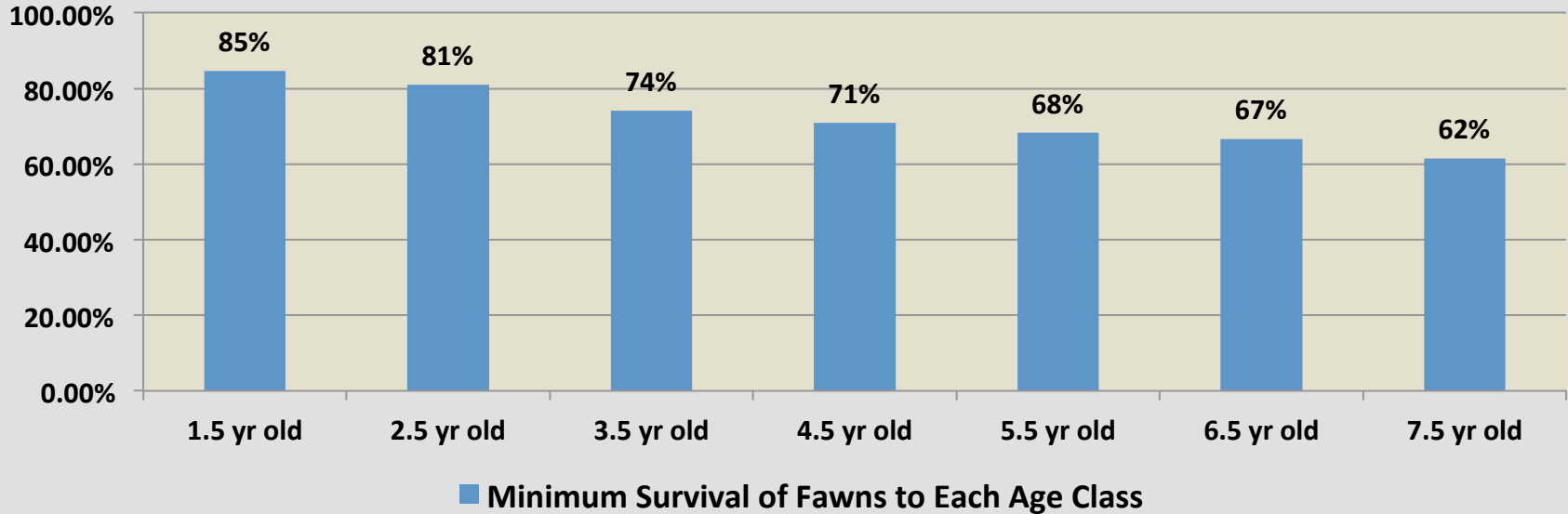
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Minimum Survival of Fawns to 1.5 Years Old (All Years Combined)



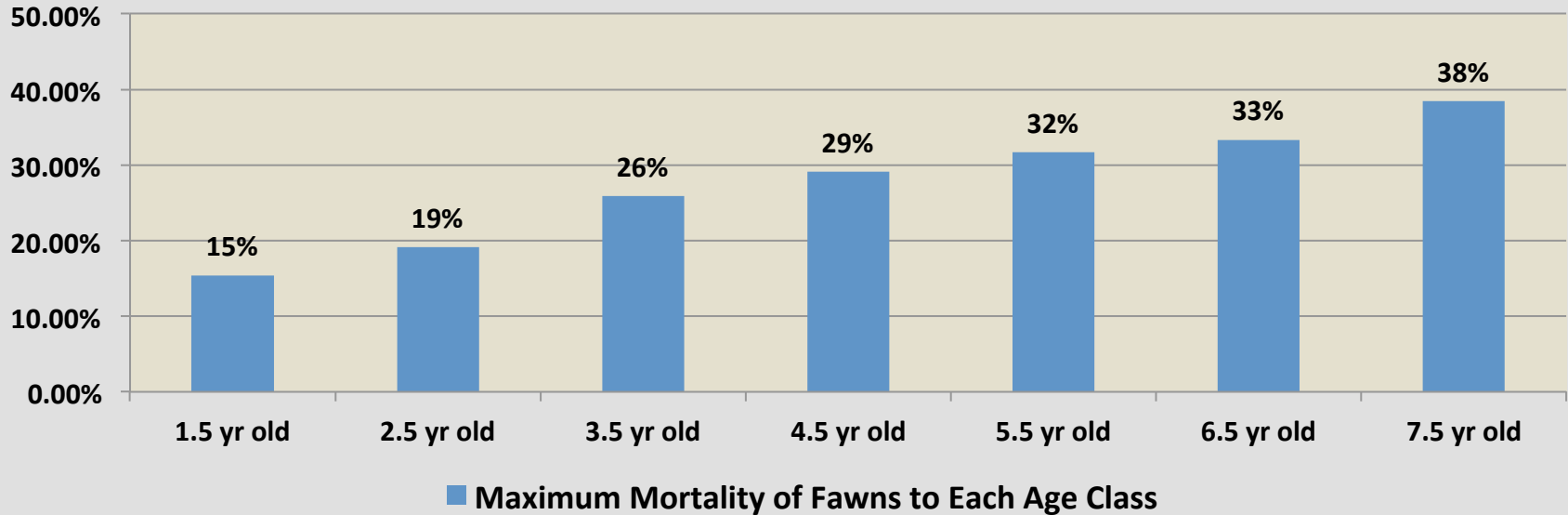
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Minimum Survival of Fawns to Each Age Class



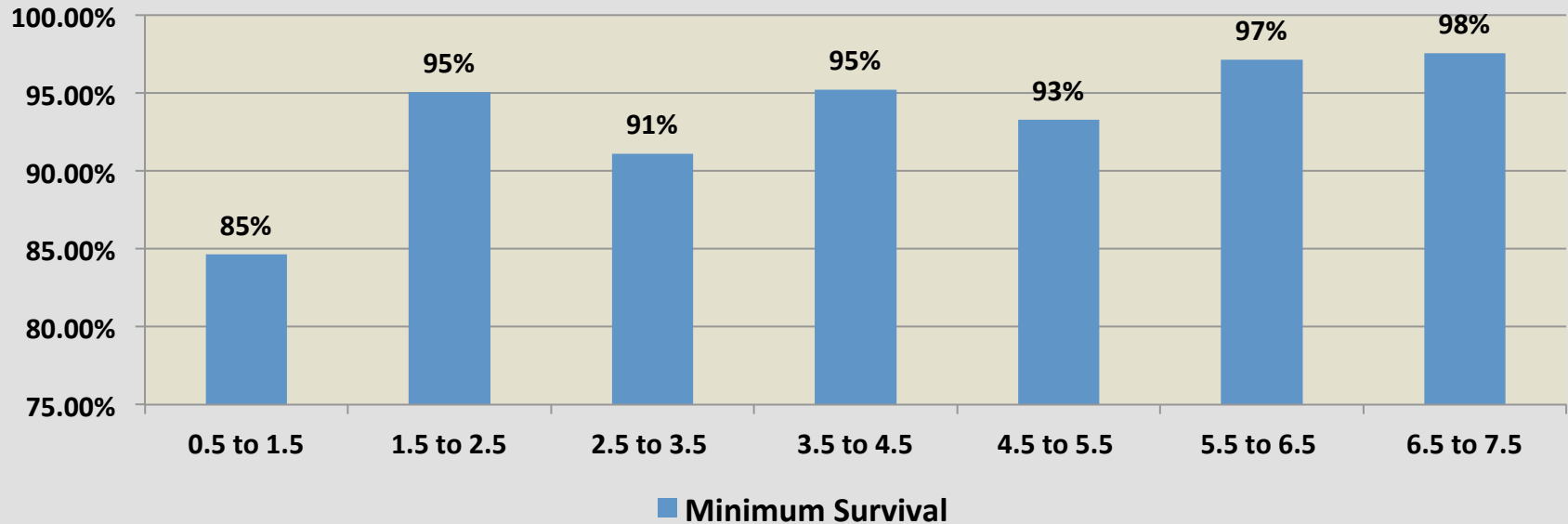
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Maximum Mortality of Fawns to Each Age Class



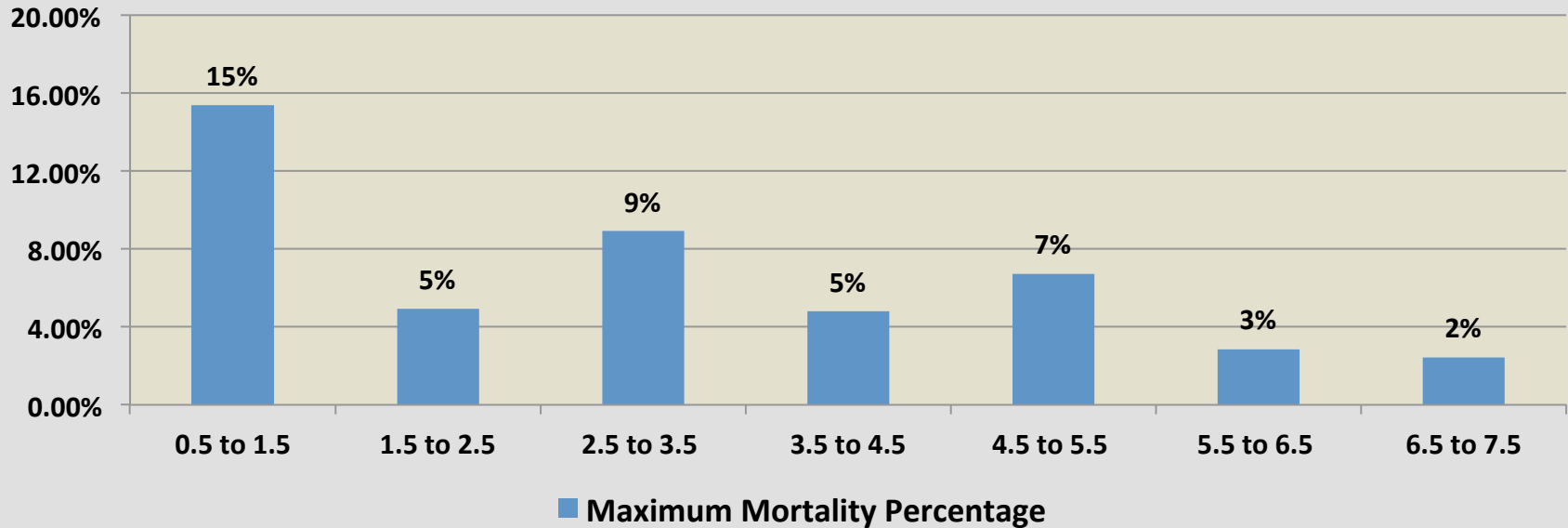
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Minimum Survival of Bucks from One Age Class to the Next



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Maximum Mortality of Bucks from One Age Class to the Next

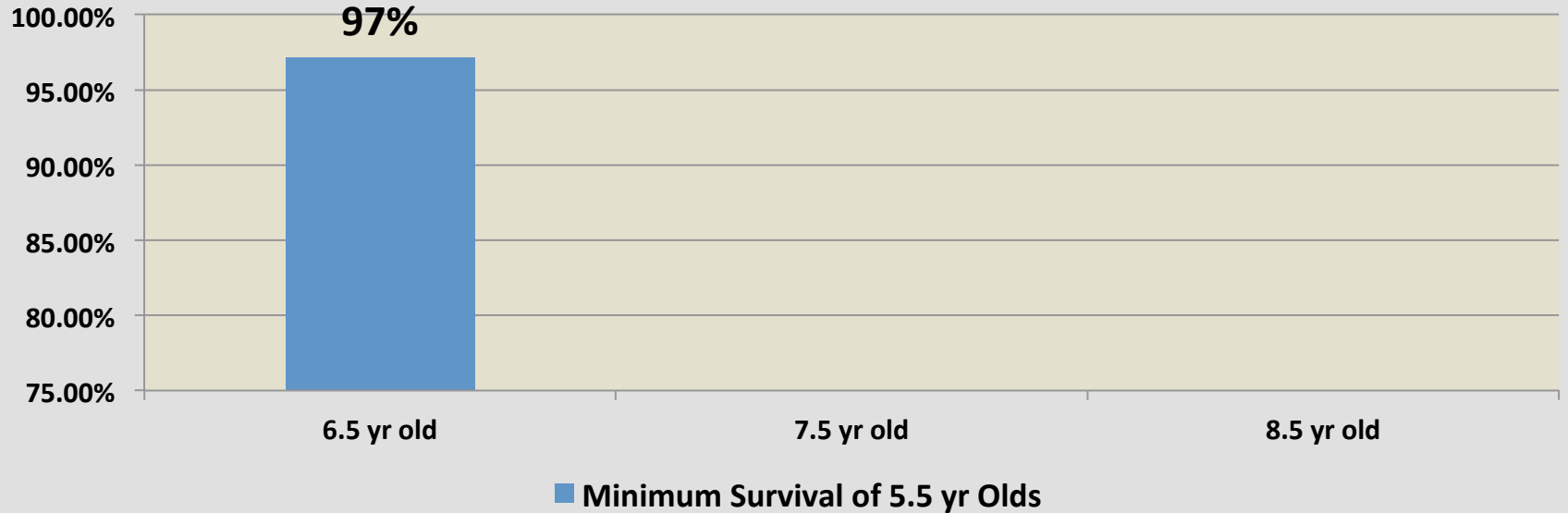


Management Implications

- What age should you be harvesting trophies?
 - Antler Data suggest not until 5.5 yr. old or older
 - Many ranches consider 5.5 yr. olds mature
- What is the risk in carrying deer to older ages?

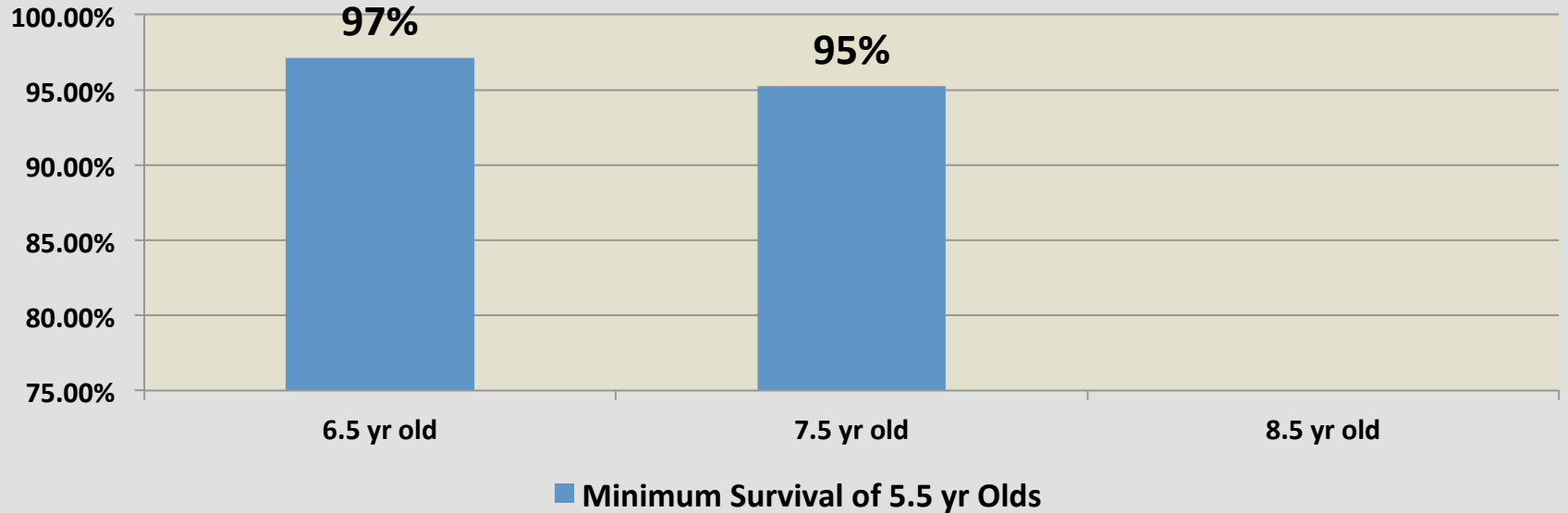
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Minimum Survival of 5.5 yr Olds



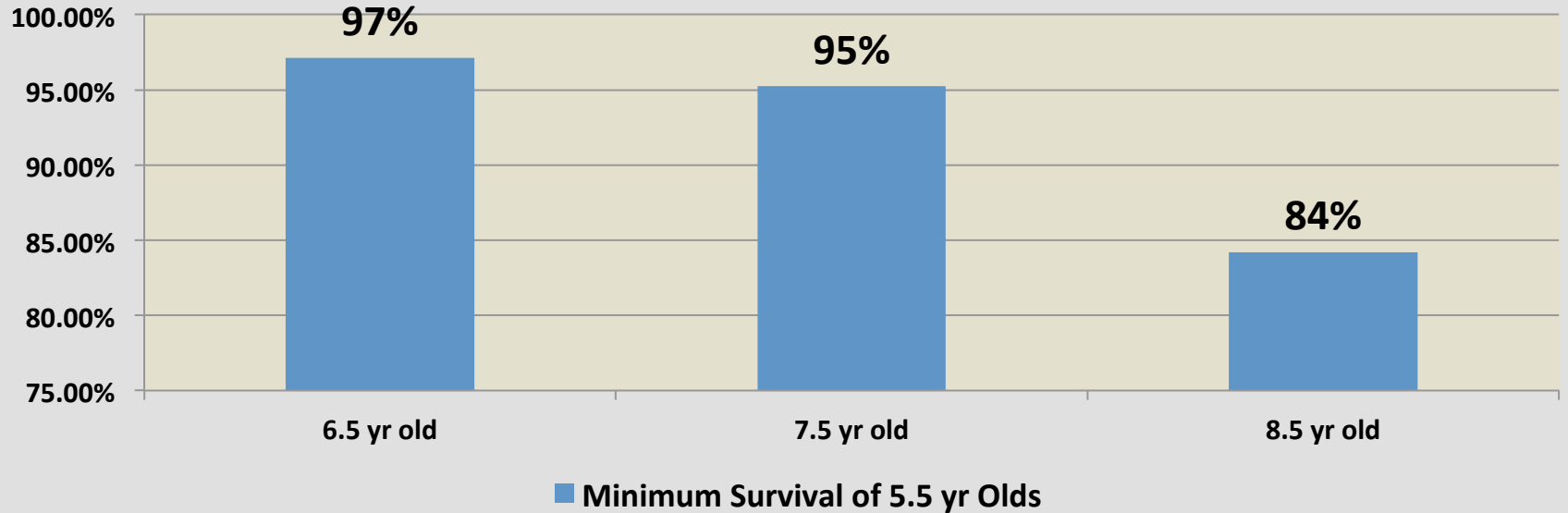
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Minimum Survival of 5.5 yr Olds



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Minimum Survival of 5.5 yr Olds



Conclusions:

- In a fed environment
 - Highest Mortality from fawn to 1.5 yr old age class



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 - Your harvest decisions have the greatest impact on standing crop

Questions?

