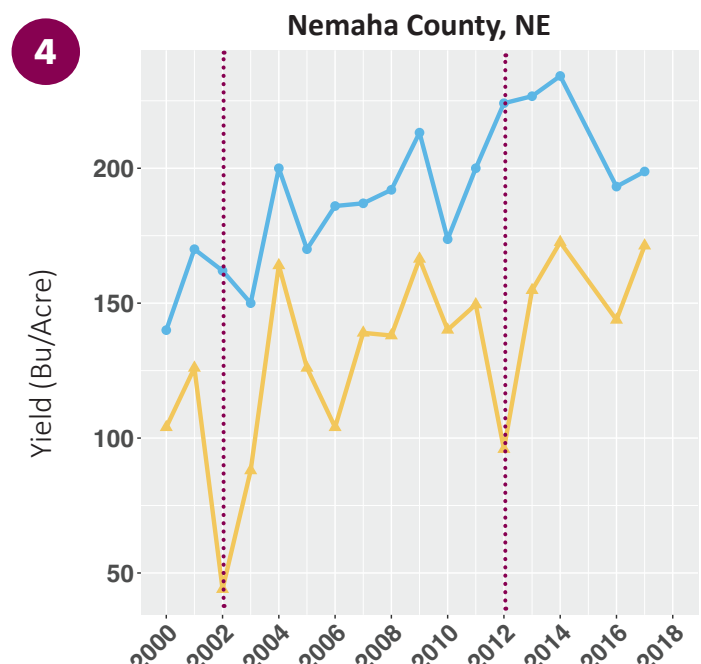
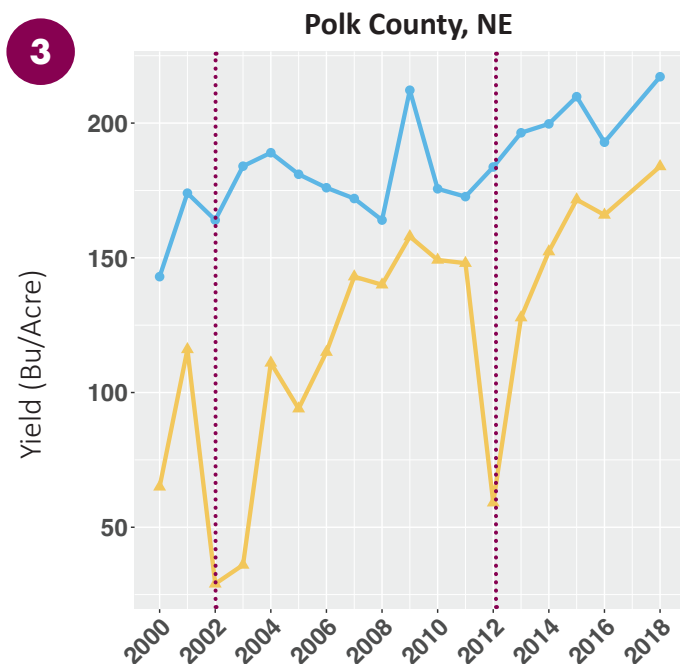
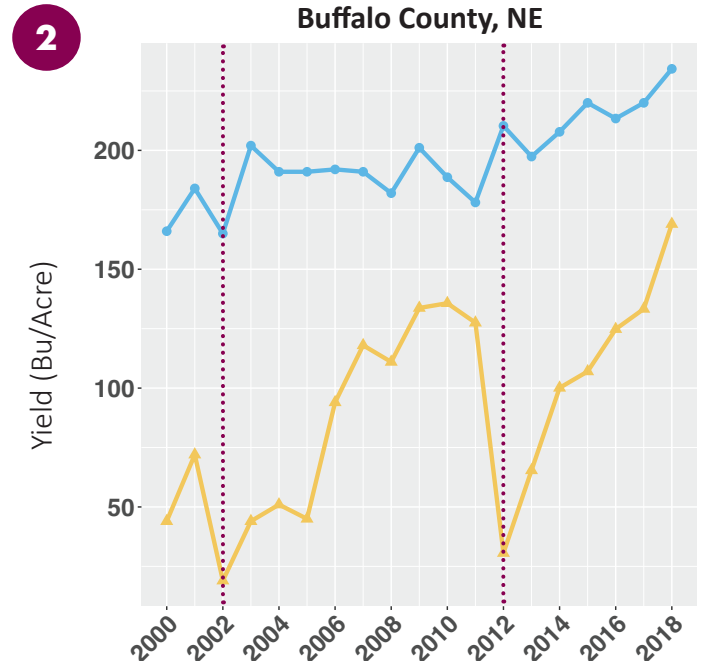
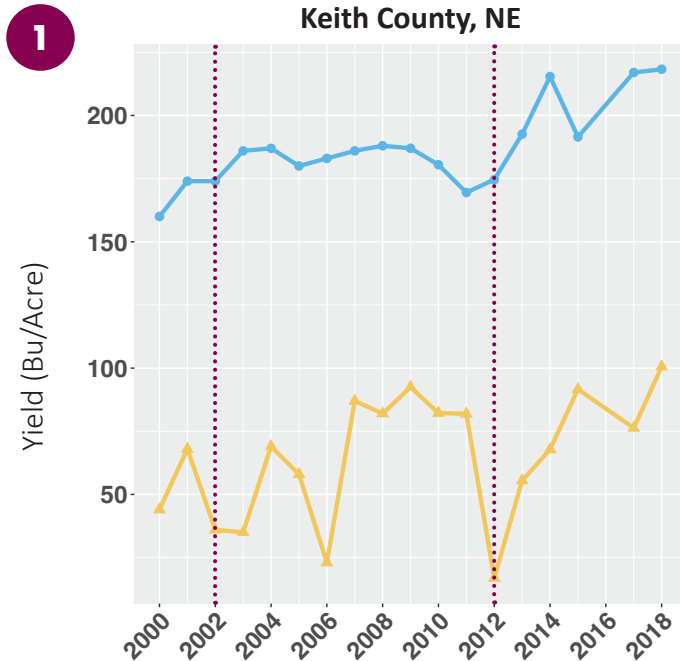
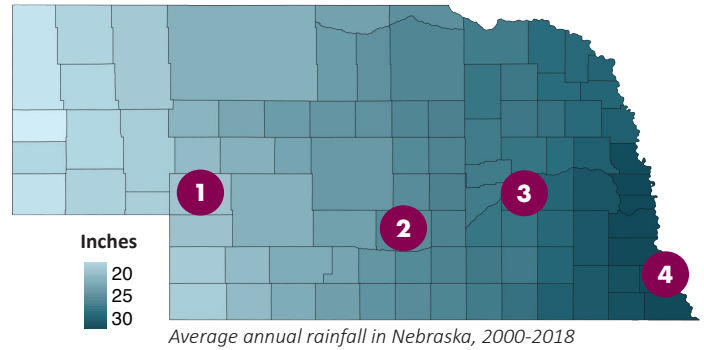


# Irrigation and Yield Stability

- Overall, corn yields trend upwards because of advancements in agricultural technology.
- Irrigation provides yield stability by assuring consistent water delivery regardless of rainfall.
- In Nebraska, irrigation increases yield by a larger amount in western counties because there is a rainfall gradient; eastern counties often get enough rainfall to raise adequate yields.

- Irrigated Corn Yield      ▲ Non-Irrigated Corn Yield
- ... Indicates Severe Drought Year (2002 & 2012)



THE DAUGHERTY  
**WATER for FOOD**  
GLOBAL INSTITUTE  
at the University of Nebraska



Conversion: 100 Bu/Acre = 6.7 t/Ha

Source used: USDA/NASS, (2023), Irrigation and Water Management Survey; NOAA National Centers for Environmental Information, (2023), Climate at a Glance: County Mapping.

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