

**FDA 50 State Meeting 2017**  
**Kentucky Daniel Boone's Wilderness**

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# Kentucky's Long History of Compounding

- Bourbon originated in 1785
  - **Elijah Craig** (1738 – May 18, 1808) was a Baptist preacher in Virginia who became an educator and capitalist entrepreneur in the area of Virginia that later became the state of Kentucky. He has sometimes, although rather dubiously, been credited with the invention of bourbon whiskey.



# Kentucky Today

Kentucky	2010	2011	2012	2013	2014	2015	2016
Census	4,339,367	4,347,937	4,382,667	4,398,500	4,412,617	4,425,092	4,436,974





# Compounding Access

- Kentucky has 27 Critical Access Hospitals
  - Located in 26 Rural Counties
    - None performing high risk
    - All performing sterile compounding
- Kentucky has 14 High Risk Compounders
  - There are 13 community pharmacy sites
  - Only 1 hospital site



# New Compounding Technologies

- BD- CATO solutions standardize compounding processes such as order review, medication picking and dose preparation to improve med safety and pharmacy workflow.



# New Compounding Technologies

- RIVA allows hospital pharmacies to compound aseptic preparations in a United States Pharmacopeia USP<797> environment while outputting admixtures in either syringes or bags. The automation of repetitive and complex tasks reduces the incidence of errors and contamination. RIVA can prepare both chemotherapeutic and non-chemotherapeutic doses.



# New Compounding Technologies





# Complex Formulations

- Testosterone pellets
- Antibiotic beads
- Peptides

