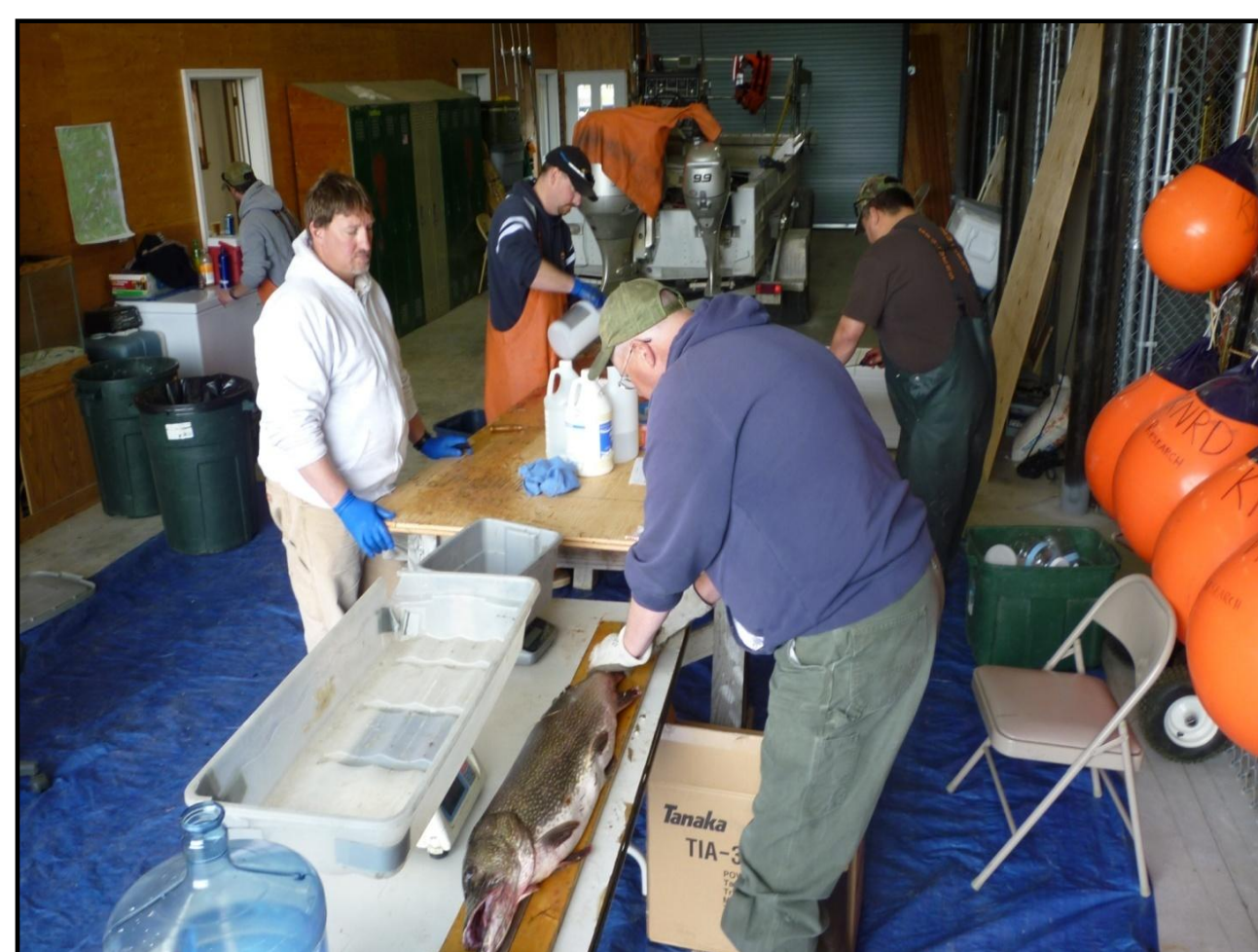




Spring Pike Index Netting (SPIN) Box Canyon Reservoir



The Spring Pike Index Netting (SPIN) survey is a gill-net survey conducted on an annual basis to monitor the northern pike population in Box Canyon Reservoir. Gill netting is the standard method used to sample northern pike throughout their range, both native and non-native, across the country. Nets used in the SPIN survey are specifically designed to capture northern pike that are 14 inches and larger. This survey provides biologists with an precise representation of size structure, condition, sex ratio, and relative abundance of northern pike in the reservoir. Because the nets are designed specifically to catch northern pike, this survey results in relatively little bycatch (other species of fish captured in the gill nets).



- Data Collected During SPIN Surveys:**
- Species
 - Length
 - Weight
 - Age Structures
 - Sex
 - Maturity
 - Fecundity
 - Diet



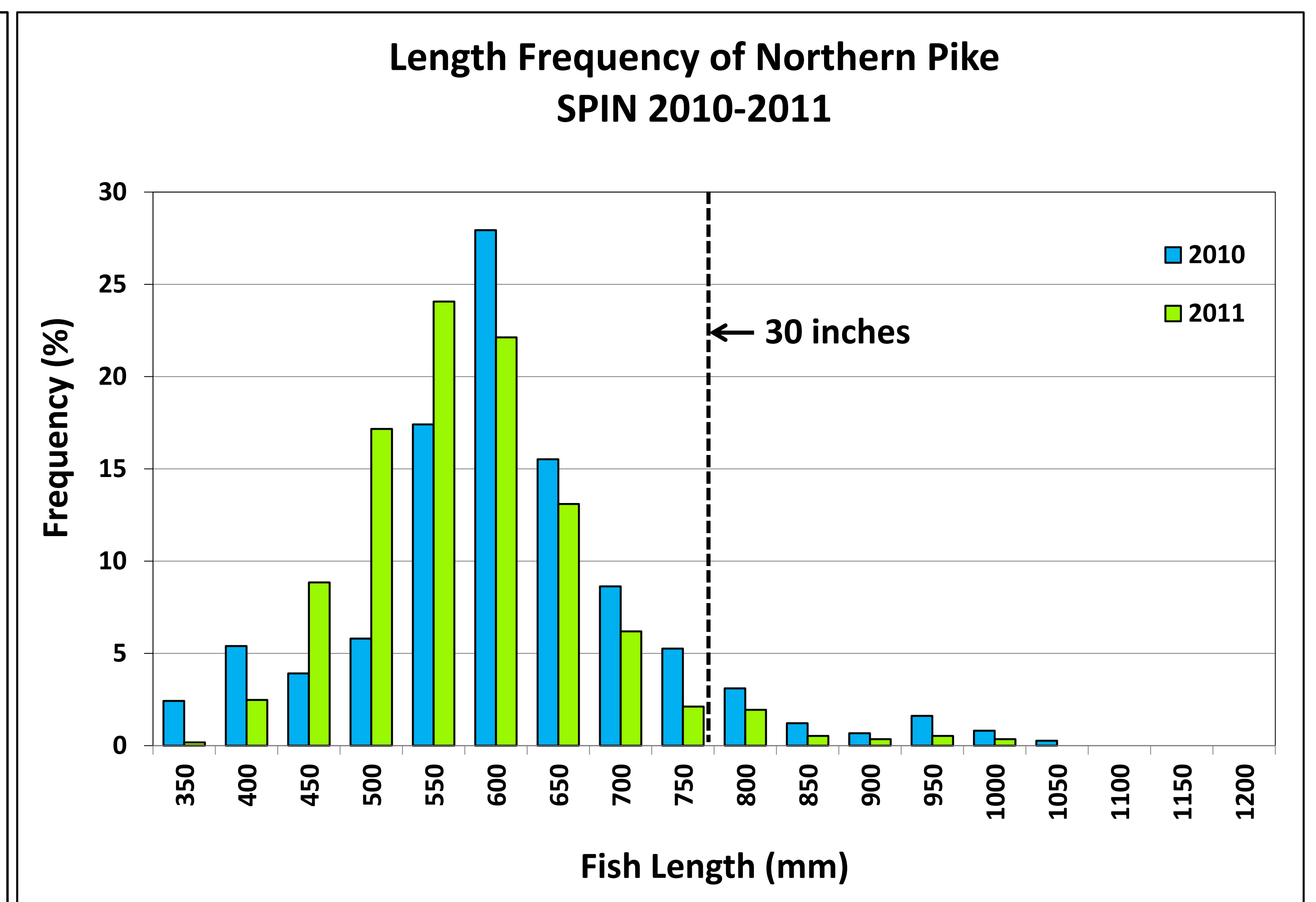
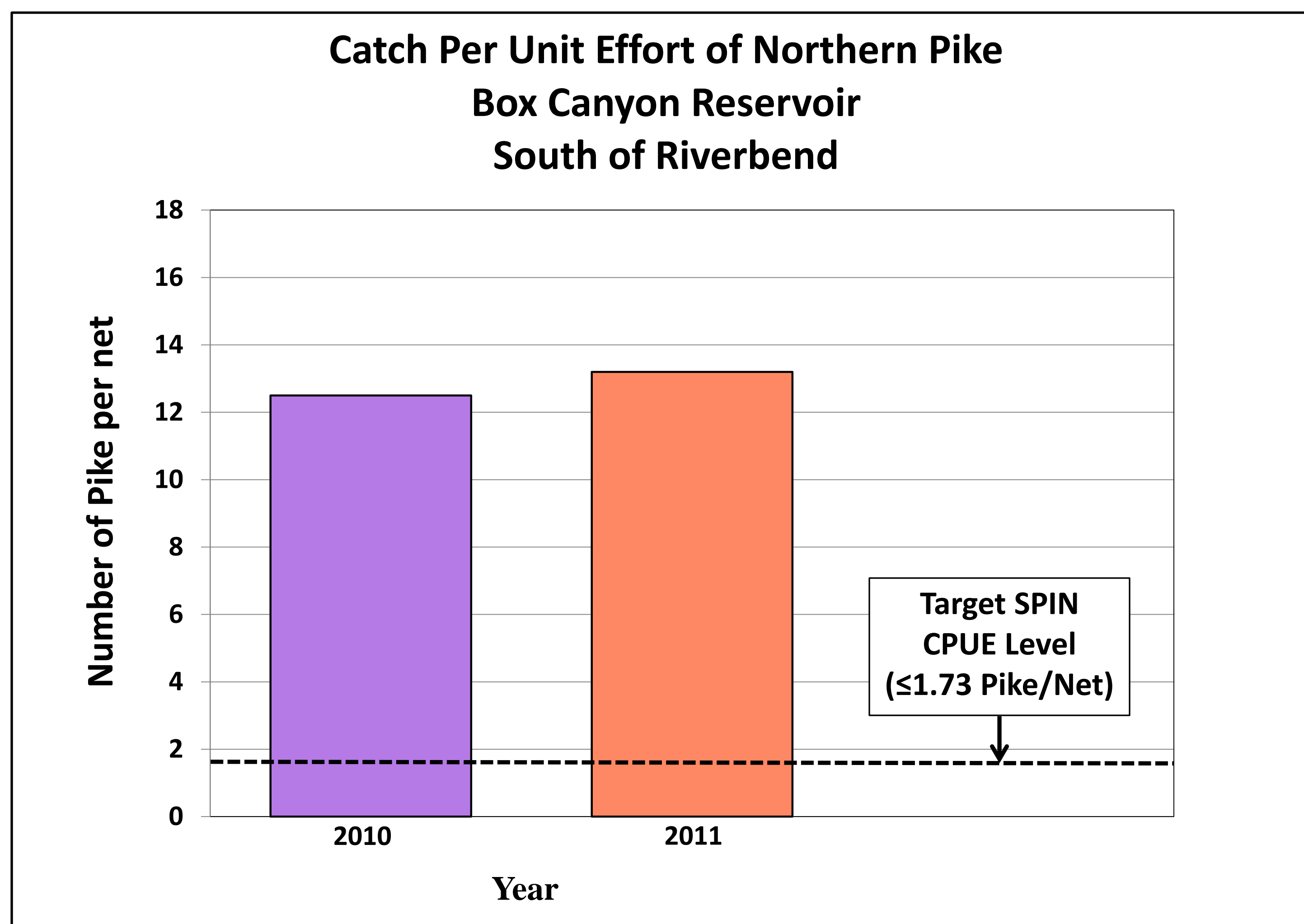
2010 SPIN Survey

- Northern Pike CPUE= 12.5 pike/net
- Mean Total Length = 626 mm (~24 inches)
-- Range = 302-1,092 mm (12-43 inches)
- Mean Weight = 1,921 g (~4 lbs.)
- 89% were less than 762 mm (30 inches) in length



2011 SPIN Survey

- Northern Pike CPUE = 13.2 pike/net
- Mean Total Length = 588 mm (~23 inches)
-- Range = 349-1,025 mm (13-40 inches)
- Mean Weight = 1,623 g (~3.5 lbs.)
- 94% were less than 762 mm (30 inches) in length



For more information on northern pike in Washington, visit our website:
http://wdfw.wa.gov/ais/esox_lucius/