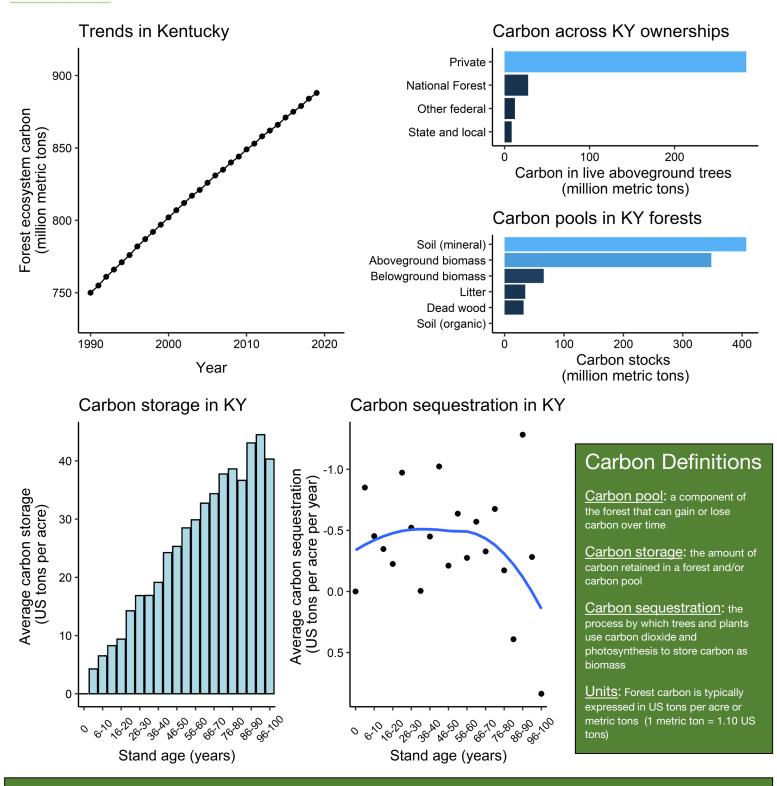
Forest Carbon Report: Kentucky



Quick Facts on Forest Carbon

SSOCIATION

- Kentucky has 12.4 million acres of forests and is 49% forested.
- Kentucky forest carbon stocks have increased by 18% from 1990 to 2019.
- Average carbon density in aboveground trees across Kentucky forests is 29.6 US tons per acre.
- In Kentucky, forests, urban trees, and harvested wood products:
 - Remove 13% of all CO₂ emissions in the state. (Across the US, this value is 14%.)
 - Store the equivalent of 28 years of all CO_2 emissions produced in the state.

Sources: Forest ecosystem carbon stocks obtained from USDA Forest Service Resource Update FS-227: "Greenhouse gas emissions and removals from forest land, woodlands, and urban trees in the United States, 1990-2018". State-level CO₂ emissions obtained from USDA Forest Service Gen. Tech. Rep. WO-97: "Forest Resources of the United States, 2017: a technical document supporting the Forest Service 2020 RPA Assessment". Values of carbon by ownership and forest type obtained from USDA Forest Service, Forest Inventory and Analysis Program using the EVALIDator web-application, version 18.0.01, years 2007-2019 (Accessed 31 Aug 2020).