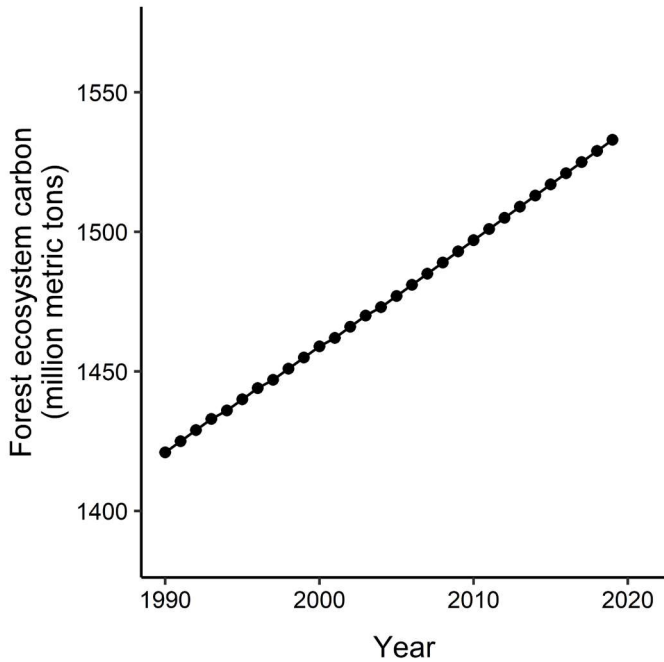
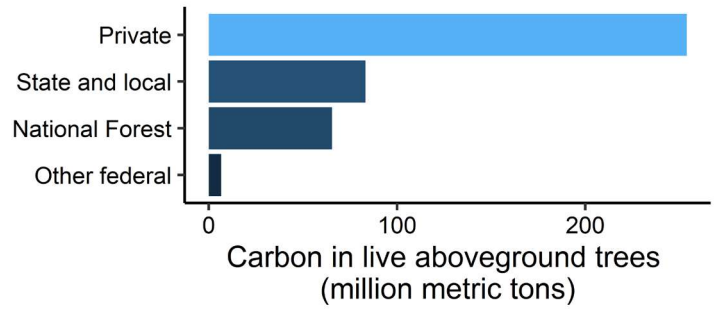




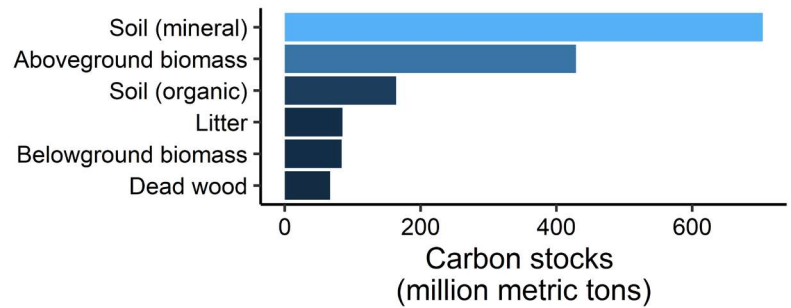
Trends in Michigan



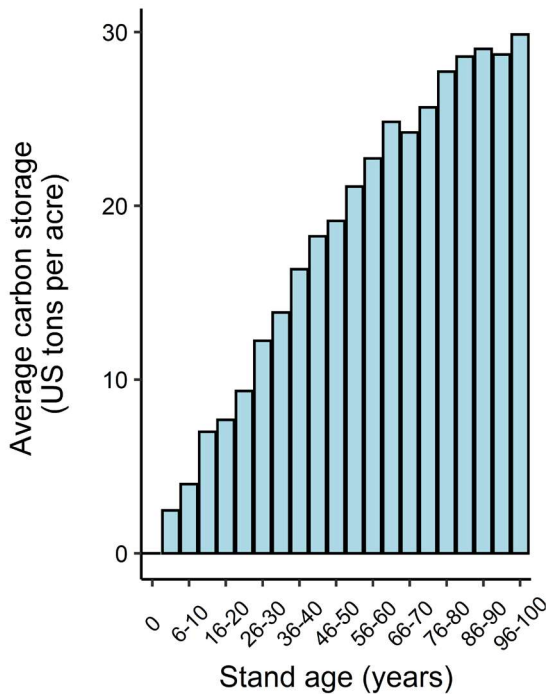
Carbon across MI ownerships



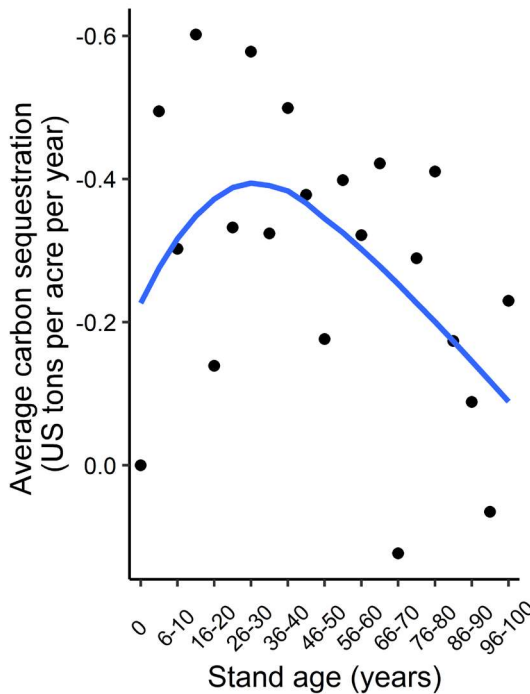
Carbon pools in MI forests



Carbon storage in MI



Carbon sequestration in MI



Carbon Definitions

Carbon pool: a component of the forest that can gain or lose carbon over time

Carbon storage: the amount of carbon retained in a forest and/or carbon pool

Carbon sequestration: the process by which trees and plants use carbon dioxide and photosynthesis to store carbon as biomass

Units: Forest carbon is typically expressed in US tons per acre or metric tons (1 metric ton = 1.10 US tons)

Quick Facts on Forest Carbon

- Michigan has 20.3 million acres of forests and is 56% forested.
- Michigan forest carbon stocks have increased by 8% from 1990 to 2019.
- Average carbon density in aboveground trees across Michigan forests is 22.3 US tons per acre.

- In Michigan, forests, urban trees, and harvested wood products:
 - Remove 10% of all CO₂ emissions in the state. (Across the US, this value is 14%.)
 - Store the equivalent of 37 years of all CO₂ emissions produced in the state.