

Public-Private Partnerships



2025 MSSC Summit
February 2025

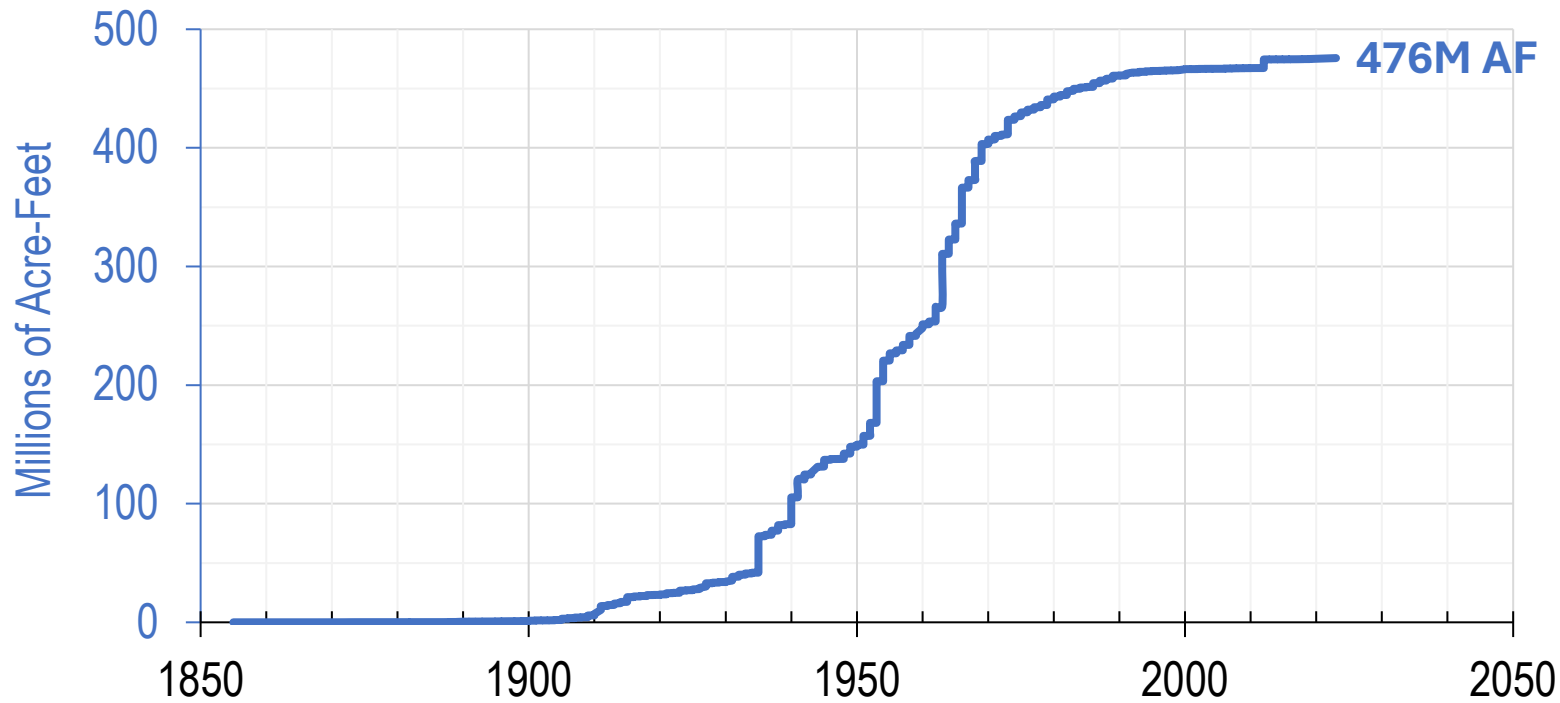
EPCOR



Definition

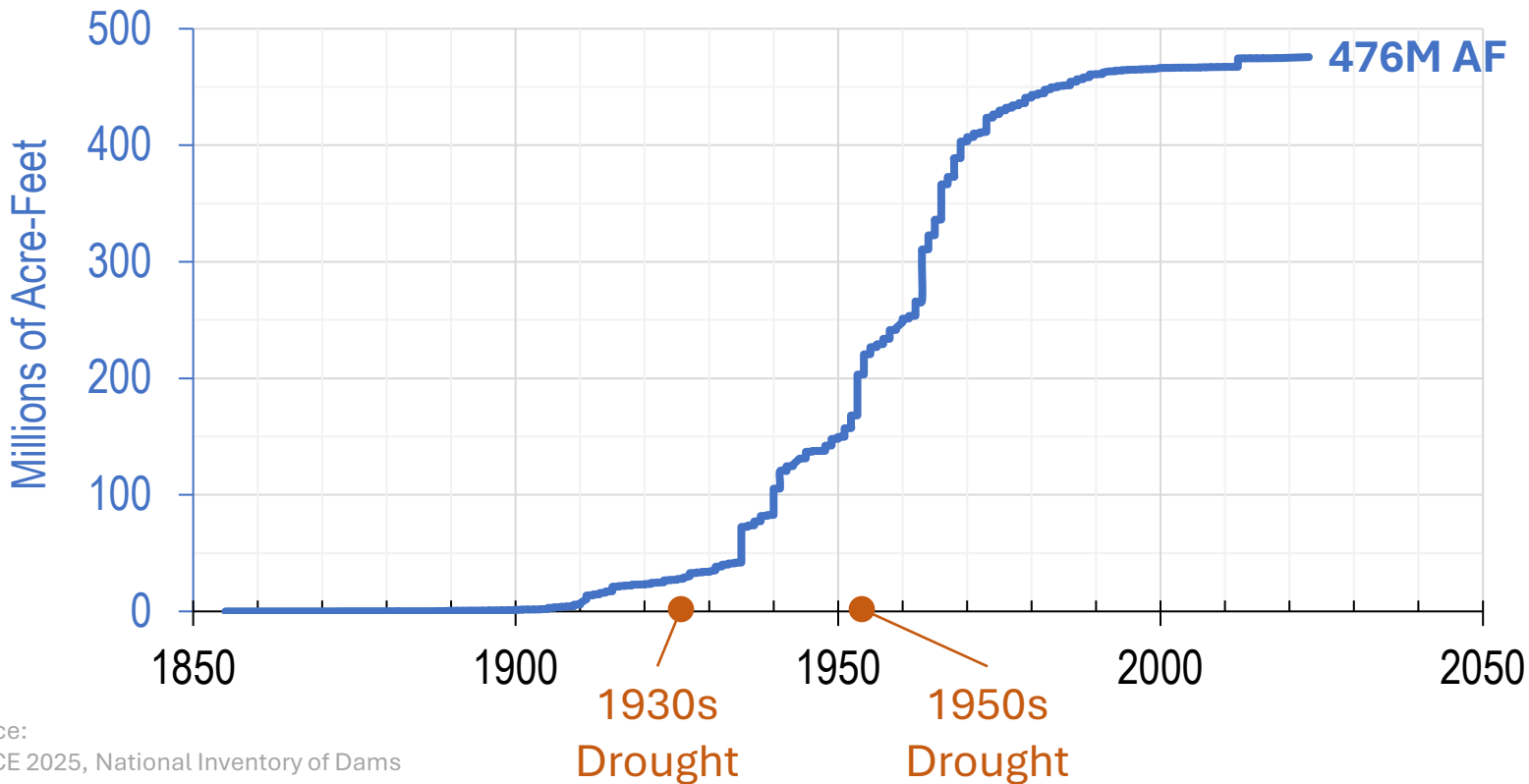
A **public–private partnership** (PPP, 3P, or P3) is a long-term contract between a government entity and a private company through which the private company delivers public projects or services with private capital and is paid with revenues from public users (rates or taxes).

Reservoir Storage Capacity



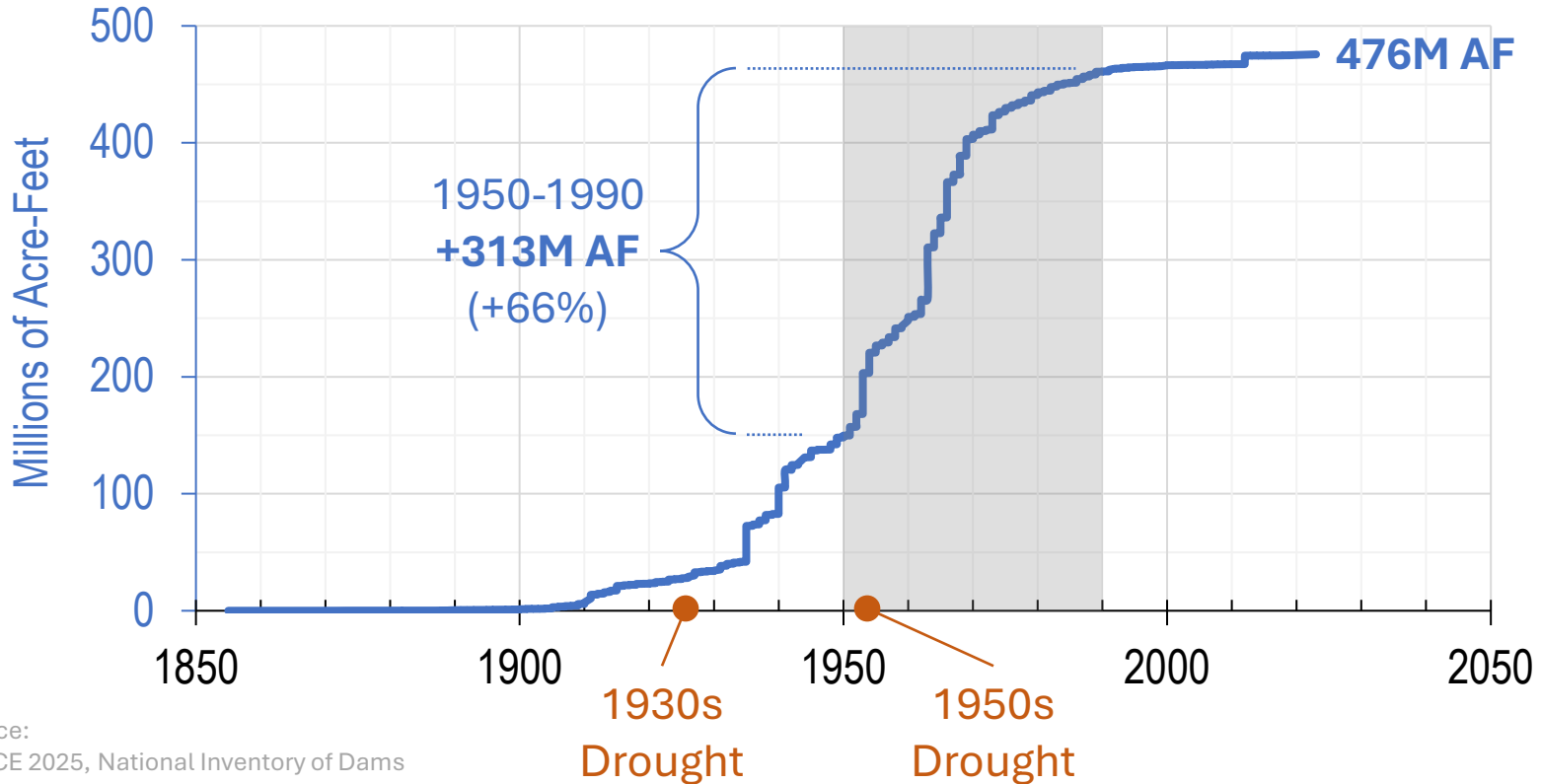
Source:
USACE 2025, National Inventory of Dams

Reservoir Storage Capacity

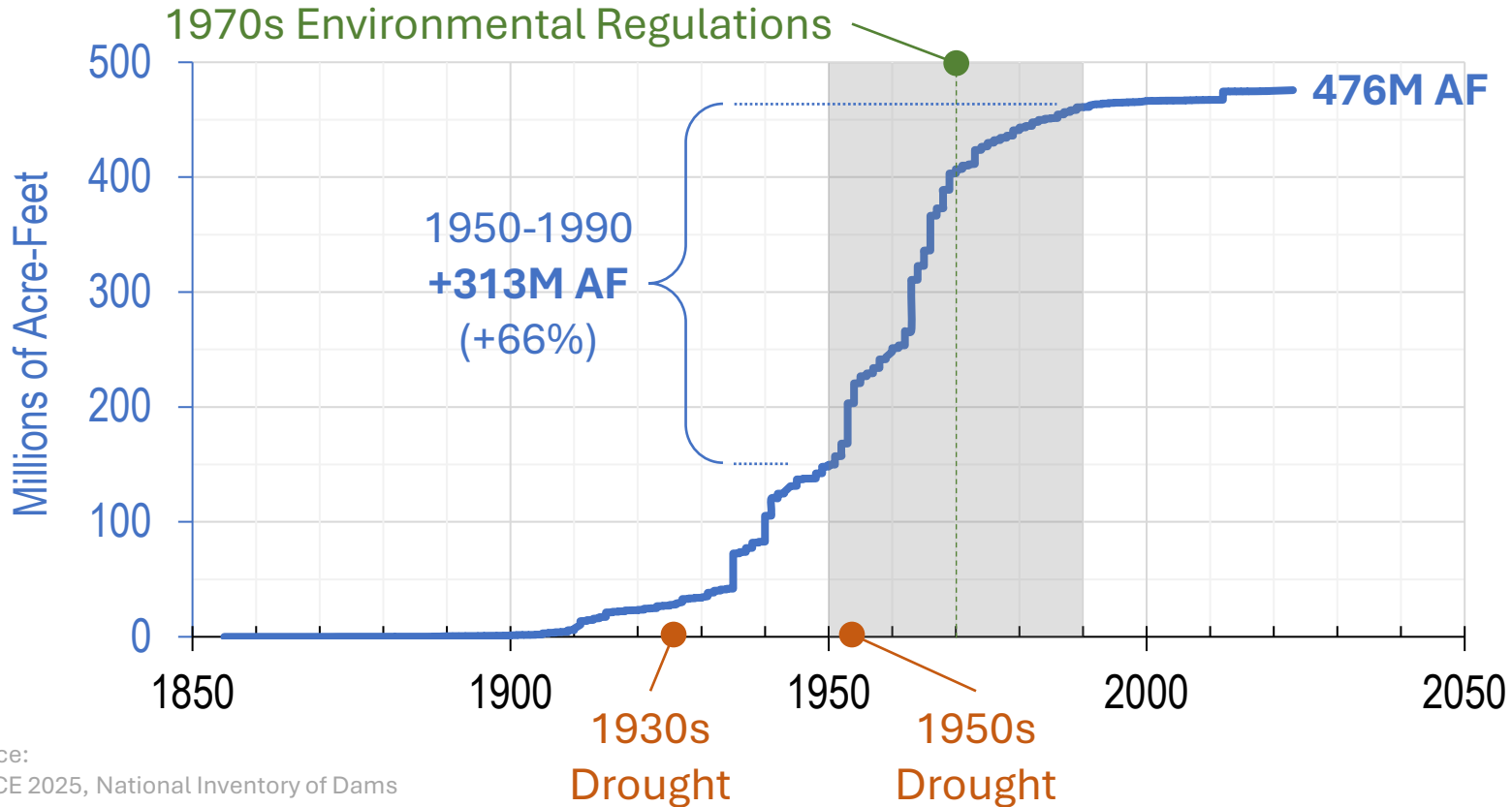


Source:
USACE 2025, National Inventory of Dams

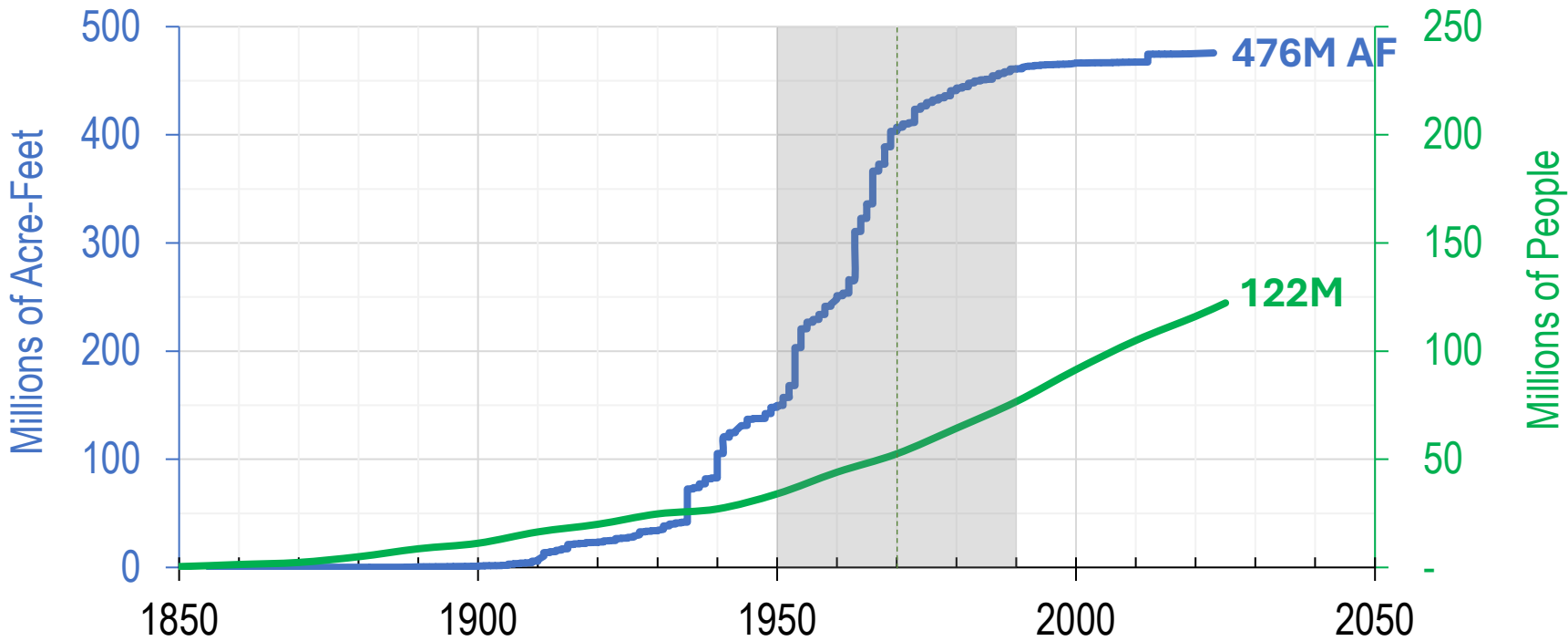
Reservoir Storage Capacity



Reservoir Storage Capacity

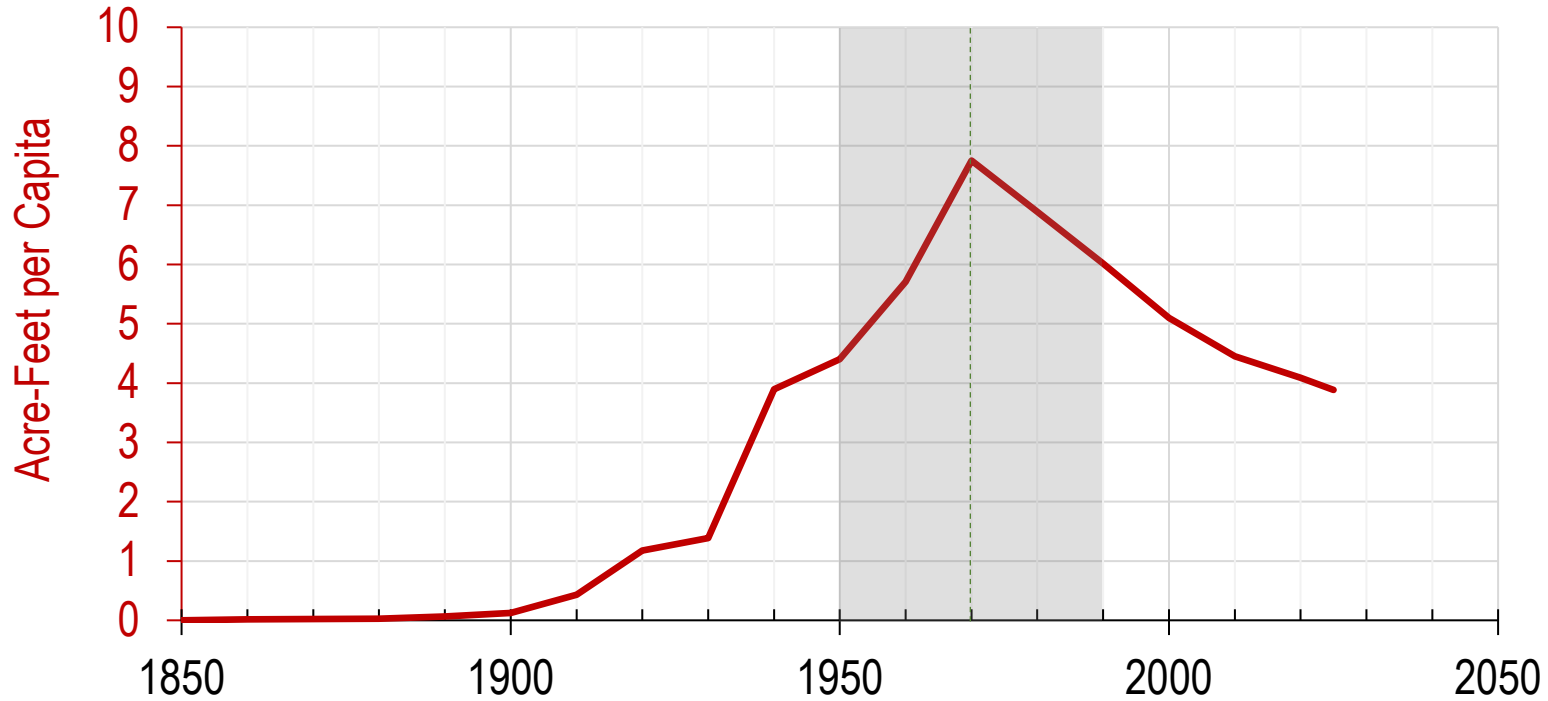


Reservoir Storage Capacity & Population

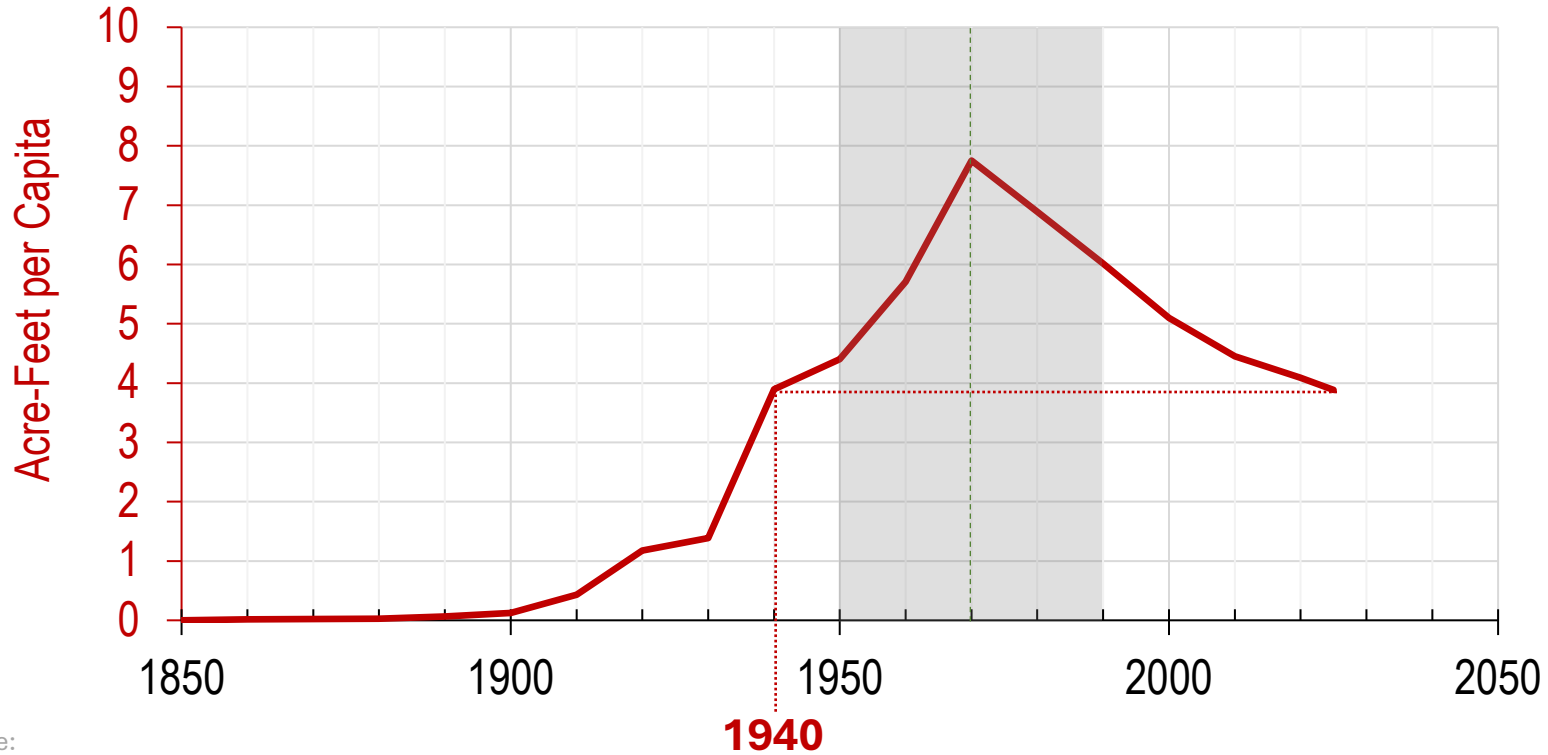


Source:
USACE 2025, National Inventory of Dams
US Census Bureau, 2020

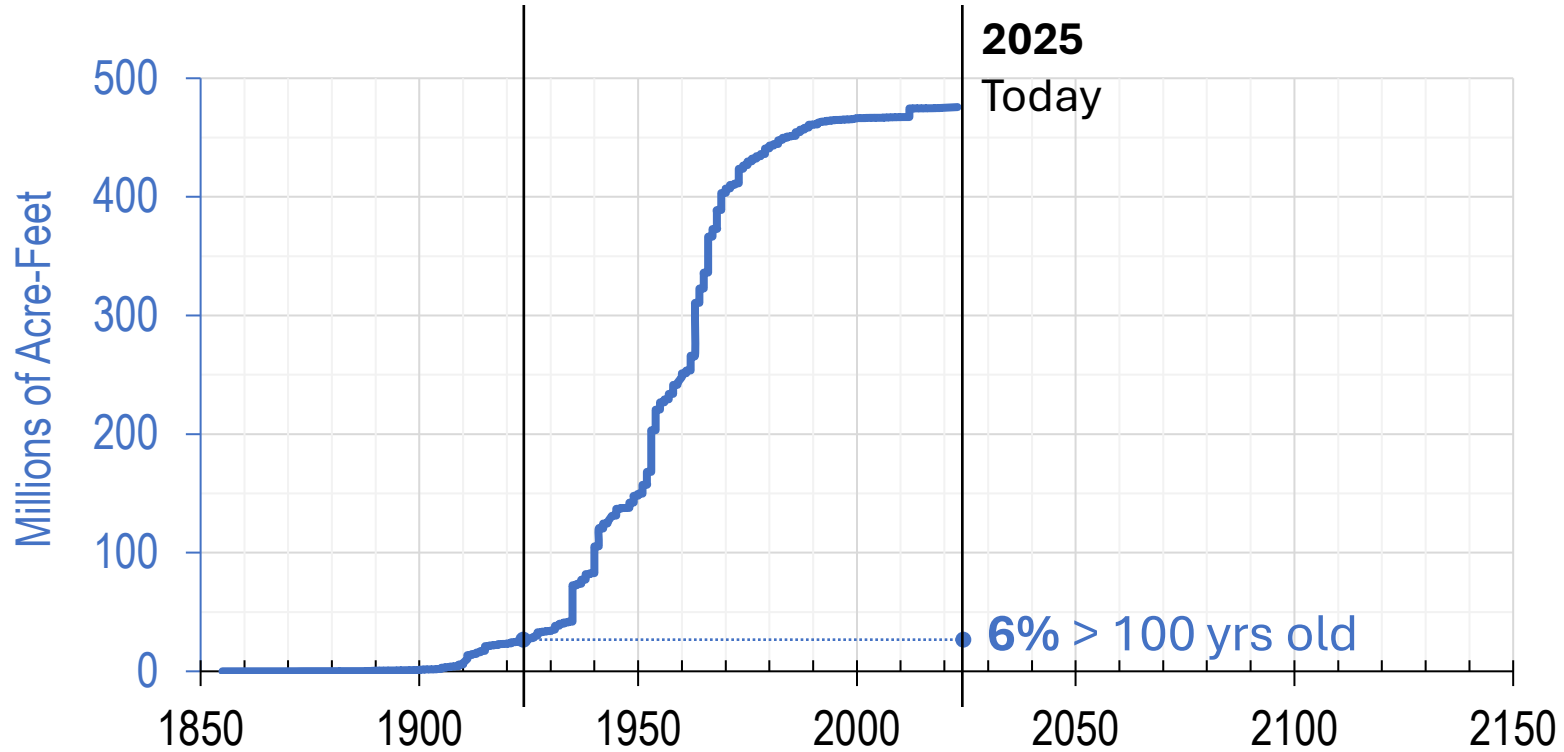
Reservoir Storage Capacity per Capita



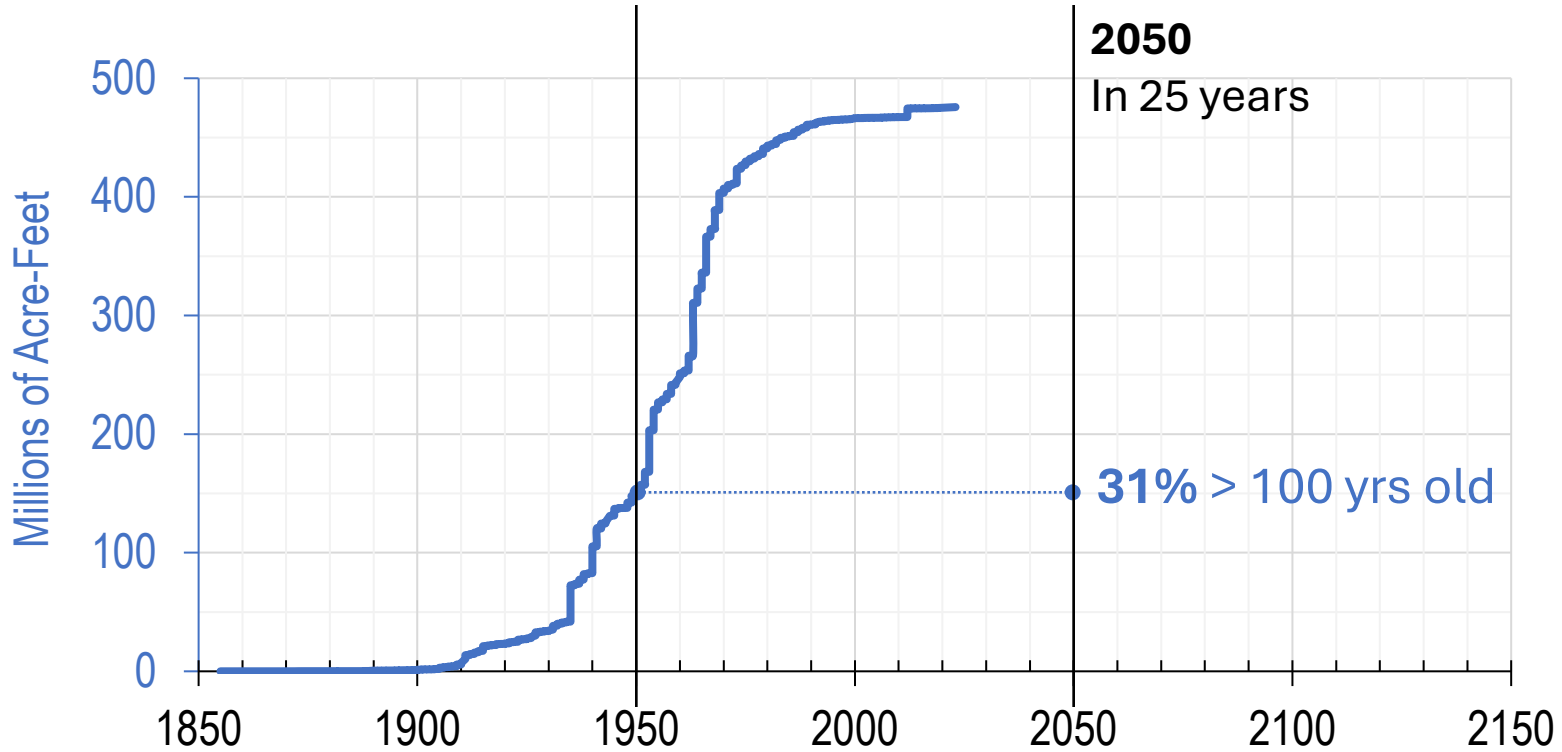
Reservoir Storage Capacity per Capita



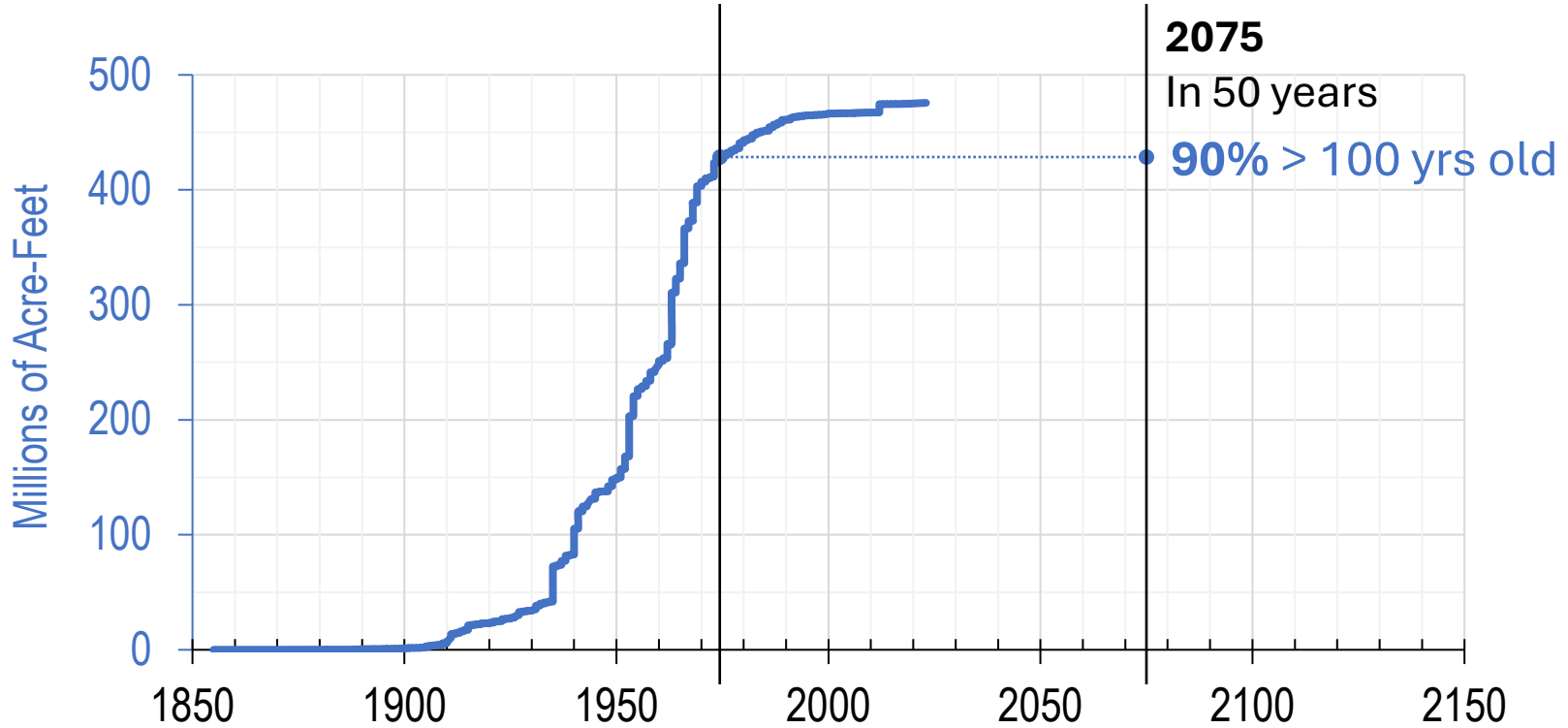
(Aging) Reservoir Storage Capacity



(Aging) Reservoir Storage Capacity



(Aging) Reservoir Storage Capacity



Conclusions (or “Opportunity Assessment”)

- Governments have ceased developing large, centralized surface water supply projects.
- Population growth will increase demand for water.
- The reliability of existing surface water supplies will decline due to aging infrastructure.
- Significant new water supplies will be required.
- Development of new water supplies will impose risks unfamiliar to most customers.

P3 Value Proposition

- Private capital (funding) is widely available for water projects.
- Private companies have project development experience and expertise.
- Private capital assumes project performance risk (not ratepayers or taxpayers).