U.S. DEPARTMENT *of* ENERGY

Federal Energy Management Program

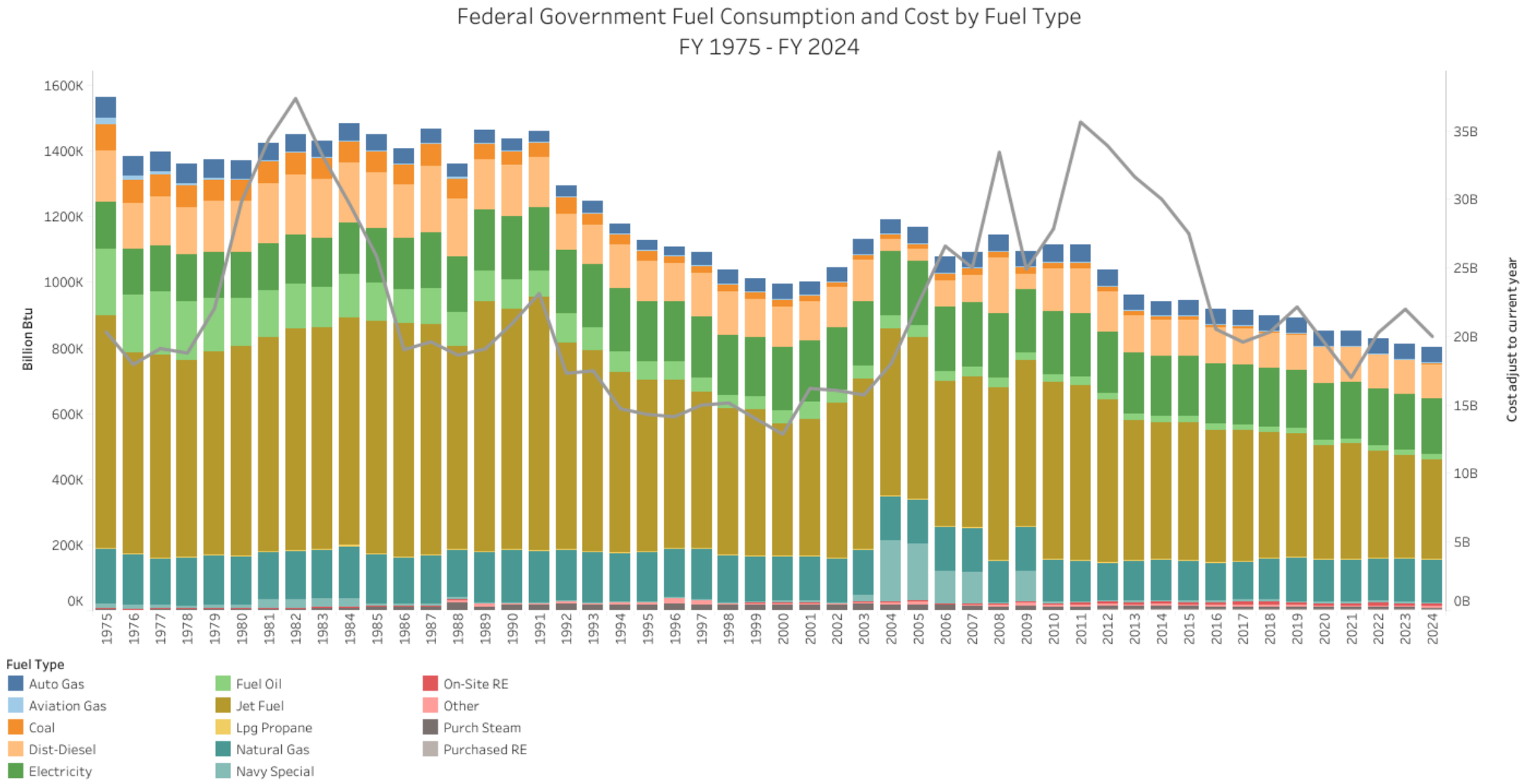
Federal Progress on Key Statutory Energy Requirements

Annual Energy Performance Data | Covered Facility Management and Benchmarking Data

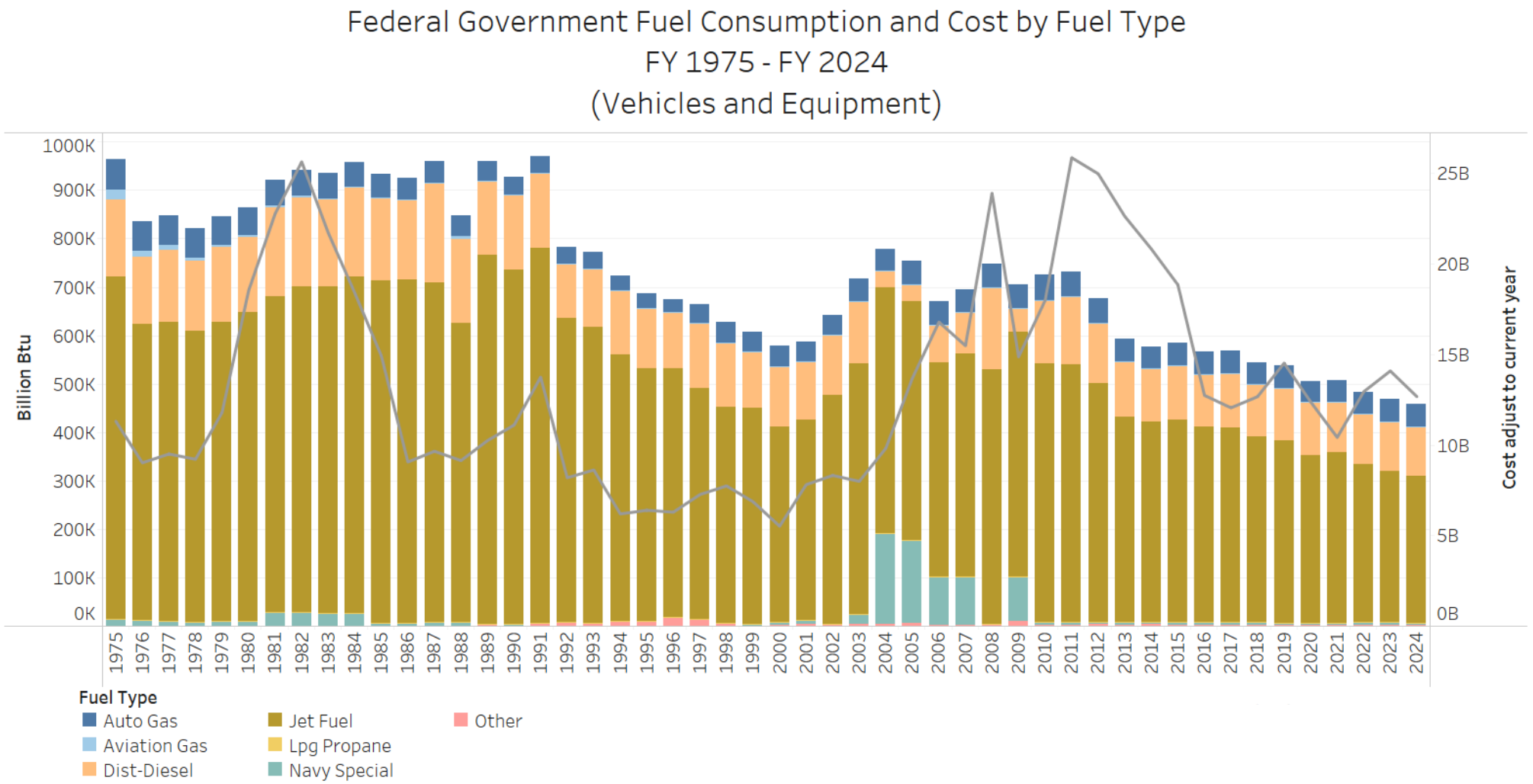
July 1, 2025

U.S. DEPARTMENT of ENERGY | Federal Energy Management Program

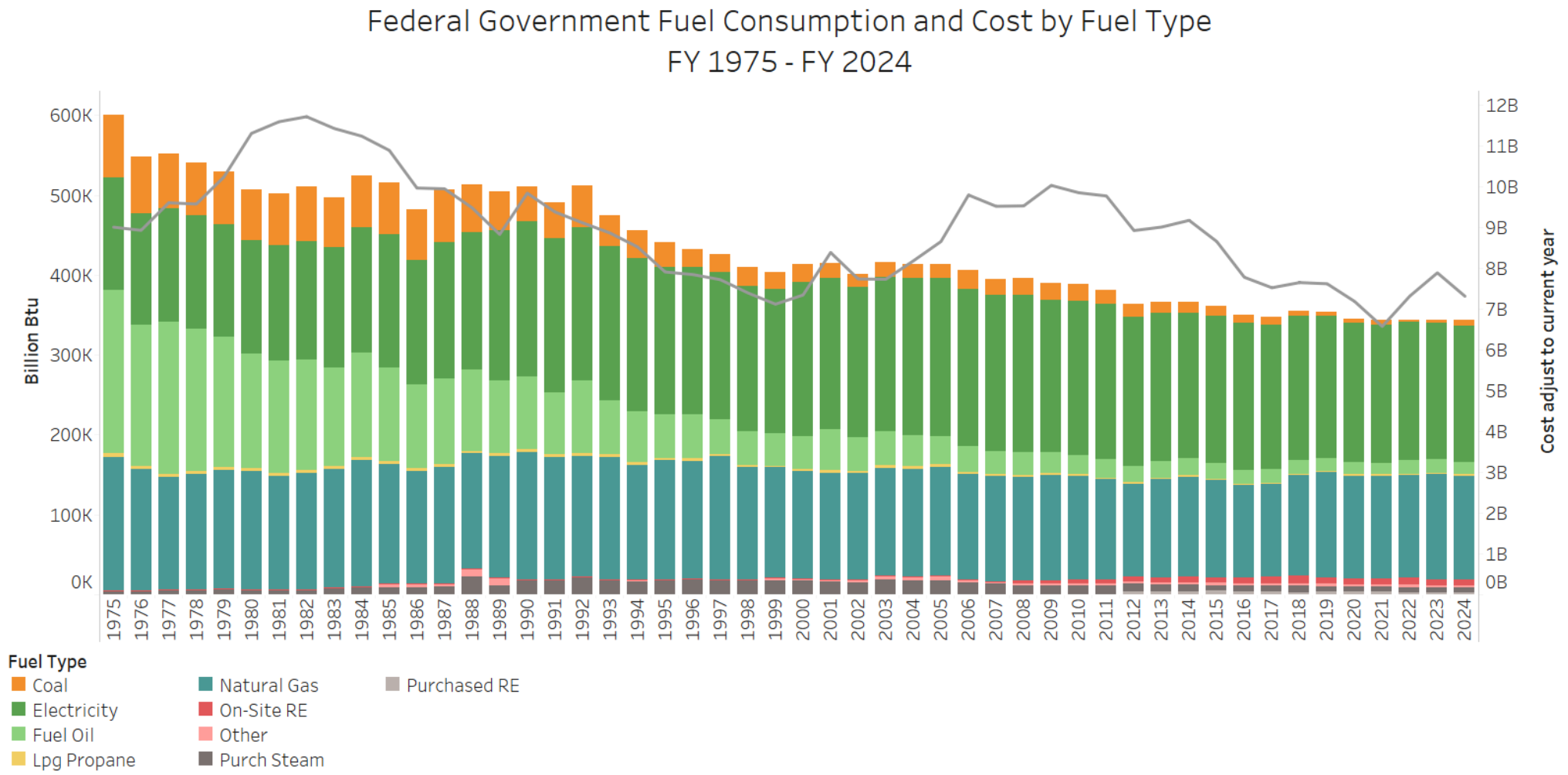
Federal Energy Trends 1975 to 2024, All Energy



Federal Mobility Energy Trends 1975 to 2024



Federal Facility Energy Trends 1975 to 2024

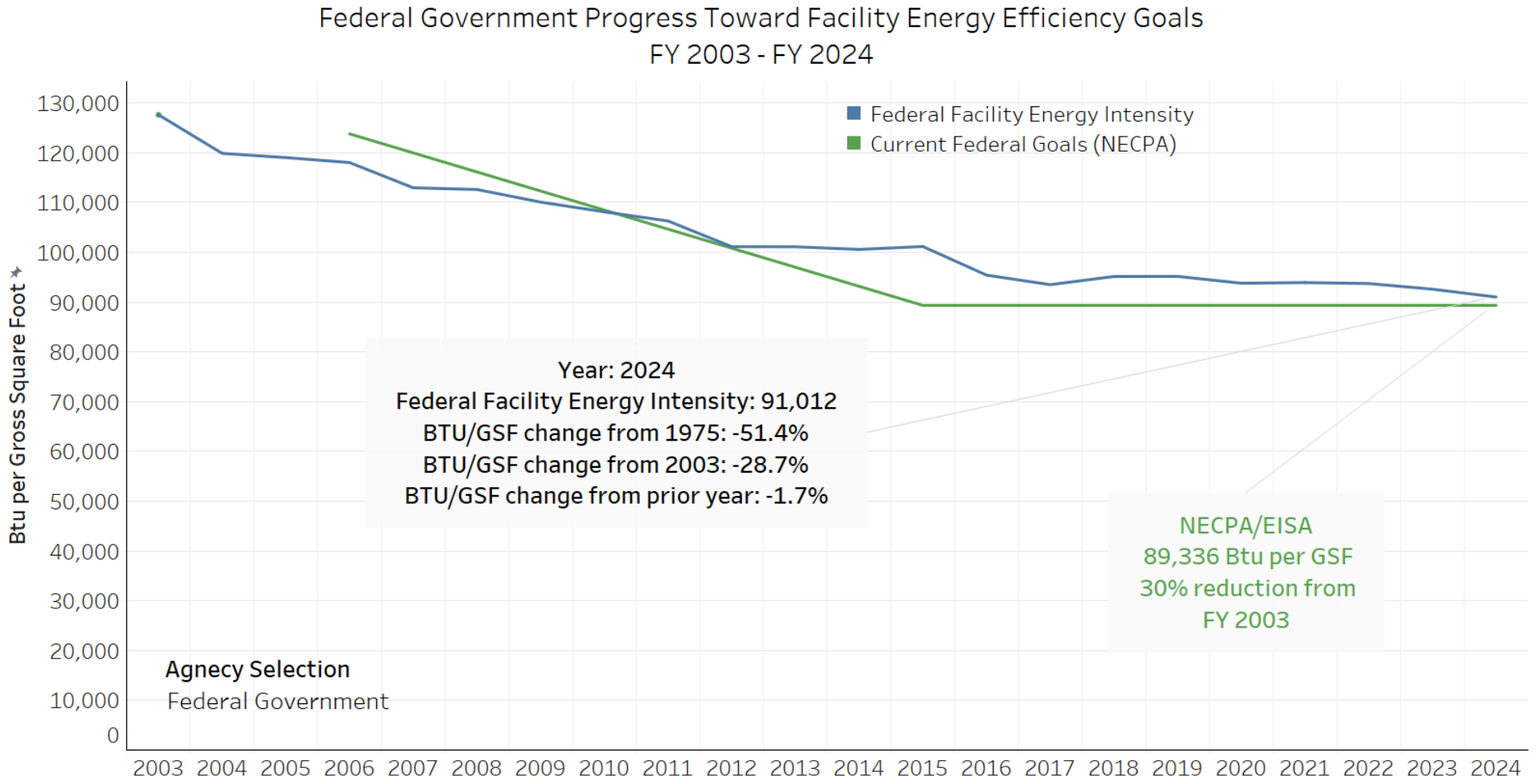


FY 2024 Government-wide Findings for Key Performance Metrics

https://ctsedwweb.ee.doe.gov/Annual/Report/Report.aspx

- Facility energy intensity (Btu/Gross Square Foot) reductions
  - 28.7% reduction vs. 2003 – goal is 30%
  - 1.7% decrease vs. 2023
- Renewable electricity goal of 7.5% was exceeded (13.3% of electricity use)
- Potable water intensity reduction: 29.2% reduction vs. 2007, but a 0.9% *increase* vs. 2023
- Efficiency investment in Federal facilities ($615 million total in FY 2024) decreased $119M from 2023
  - Direct funding investment: $275 million in FY 2024 (+18% vs. 2023)
  - ESPC investment: $133 million (-43% vs. 2023)
  - UESC Investment: $207 million (-23% vs. 2023)
  - Performance contracting is 55% of total investment in 2024
- Scope 1&2 GHG emissions from standard operations declined by 38.4% vs. 2008, and 2.8% vs. 2023
  - Facility energy GHG emissions declined 41.1% vs 2008 and 3.1% vs 2023
    - Net electricity emissions declined 47.9% vs 2008 and 5.1% vs. 2023
    - On-site combustion emissions declined 18.5% vs 2008, but *increased* 2.2% vs. 2023
  - Mobility energy emissions declined 22.2% vs 2008, and 2.2% vs 2023
    - Fleet vehicle emissions decreased 0.1% vs 2008 and 0.4% vs. 2023
    - Emissions from aircraft, ships, and other mobility declined 52.3% vs 2008 and 7.0% vs. 2023

Progress toward Energy Use Intensity (Btu/SqFt) Goal since 2003



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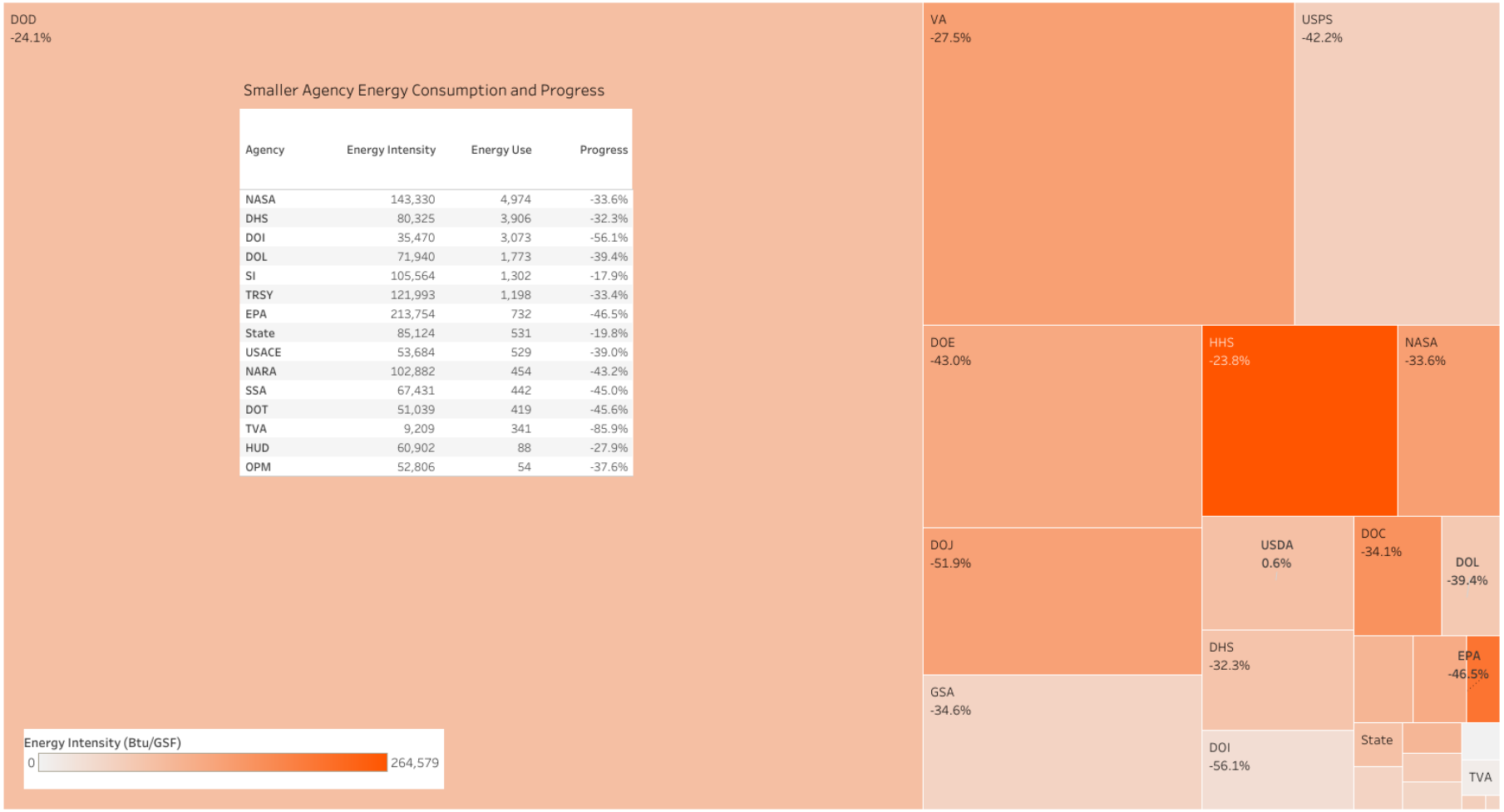
Energy Use and Intensity (Btu/SqFt) by Agency

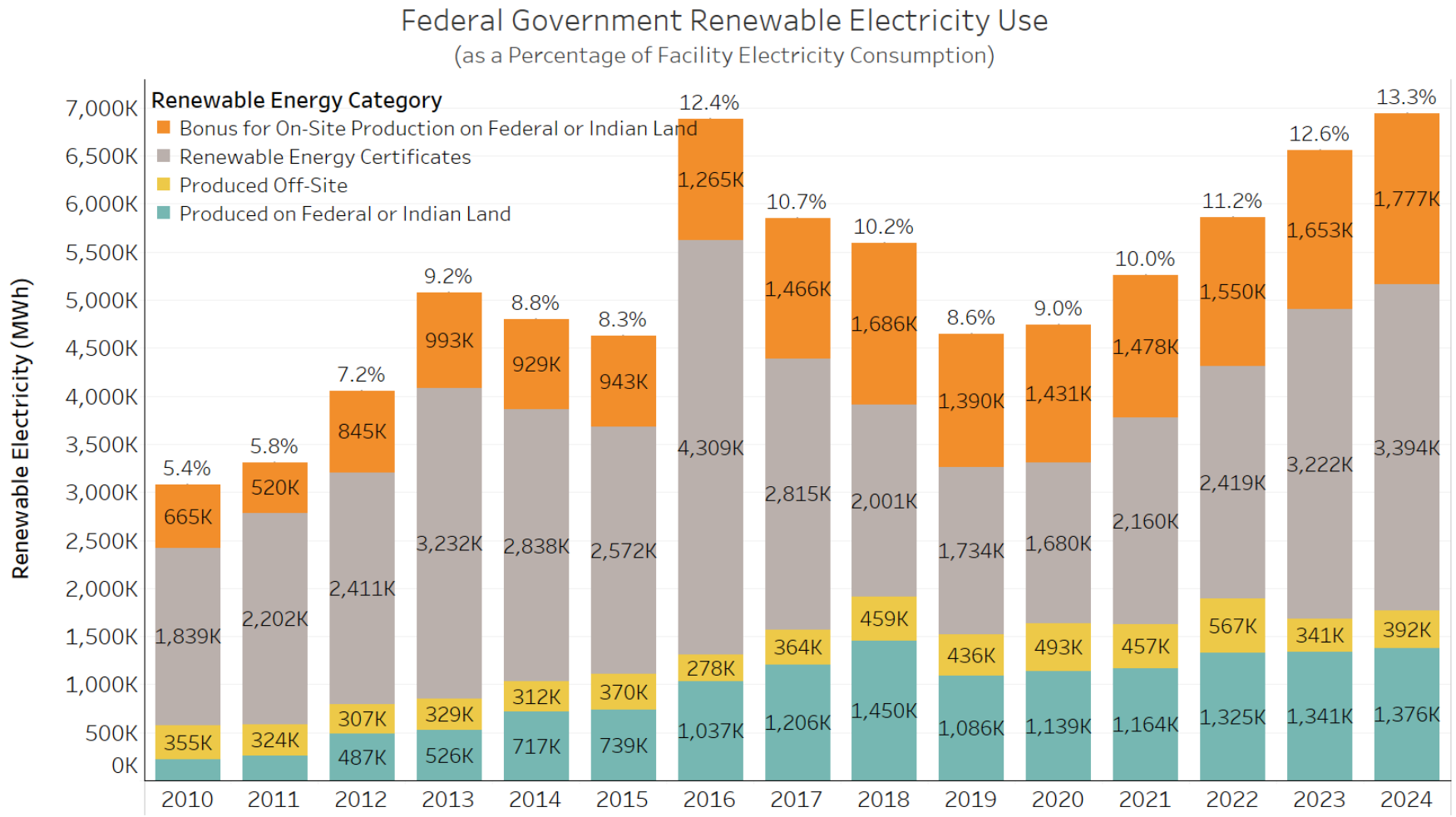
2024 Goal Building Energy Use: 308 Trillion Btu, with Intensity and Reduction Progress versus 2003



Smaller Agency Energy Consumption and Progress

Agency	Energy Intensity	Energy Use	Progress
NASA	143,330	4,974	-33.6%
DHS	80,325	3,906	-32.3%
DOI	35,470	3,073	-56.1%
DOL	71,940	1,773	-39.4%
SI	105,564	1,302	-17.9%
TRSY	121,993	1,198	-33.4%
EPA	213,754	732	-46.5%
State	85,124	531	-19.8%
USACE	53,684	529	-39.0%
NARA	102,882	454	-43.2%
SSA	67,431	442	-45.0%
DOT	51,039	419	-45.6%
TVA	9,209	341	-85.9%
HUD	60,902	88	-27.9%
OPM	52,806	54	-37.6%

Progress toward Renewable Electricity Goal of 42 U.S.C. § 15852



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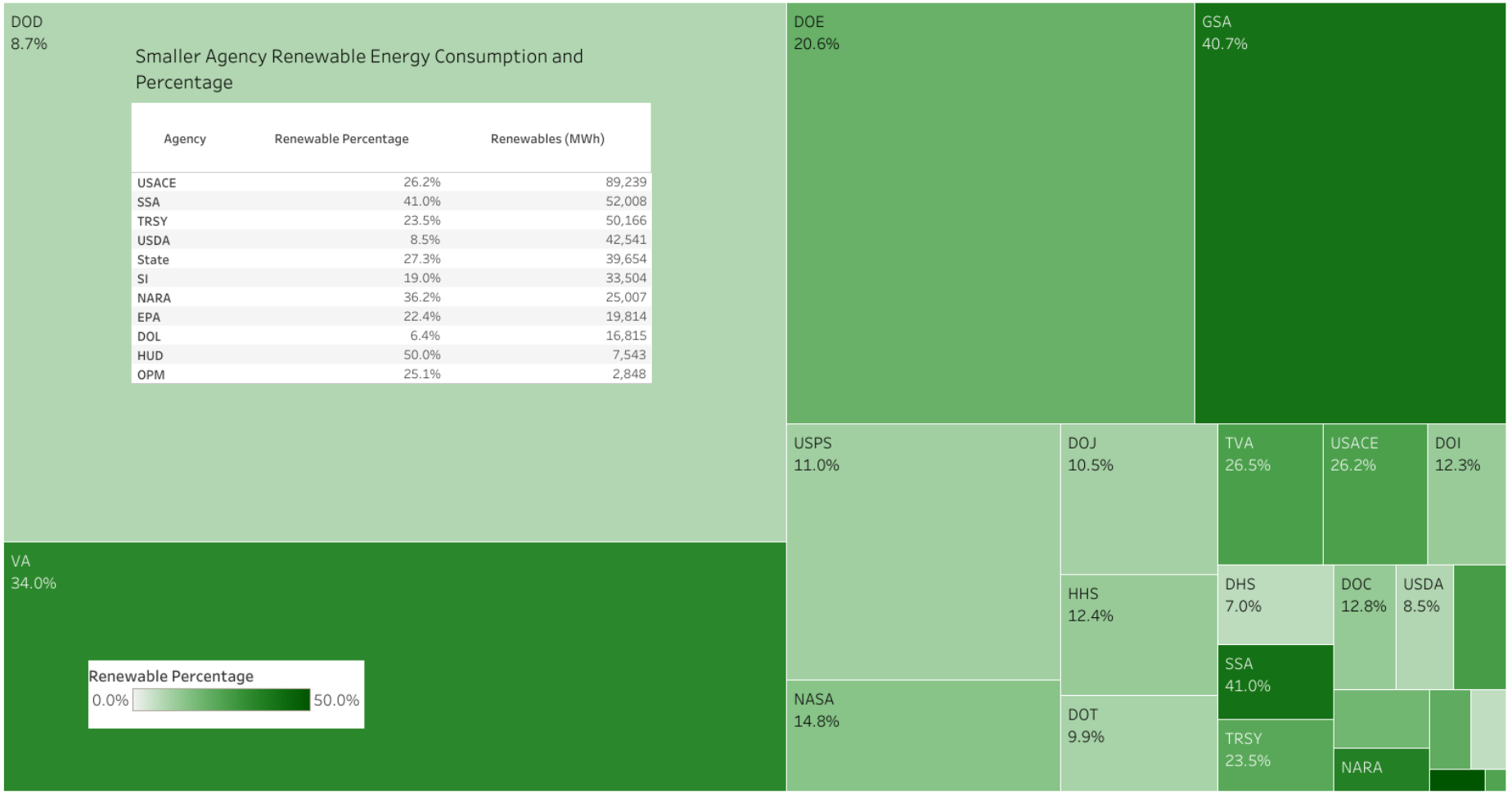
FY 2024 Renewable Electricity Use by Agency

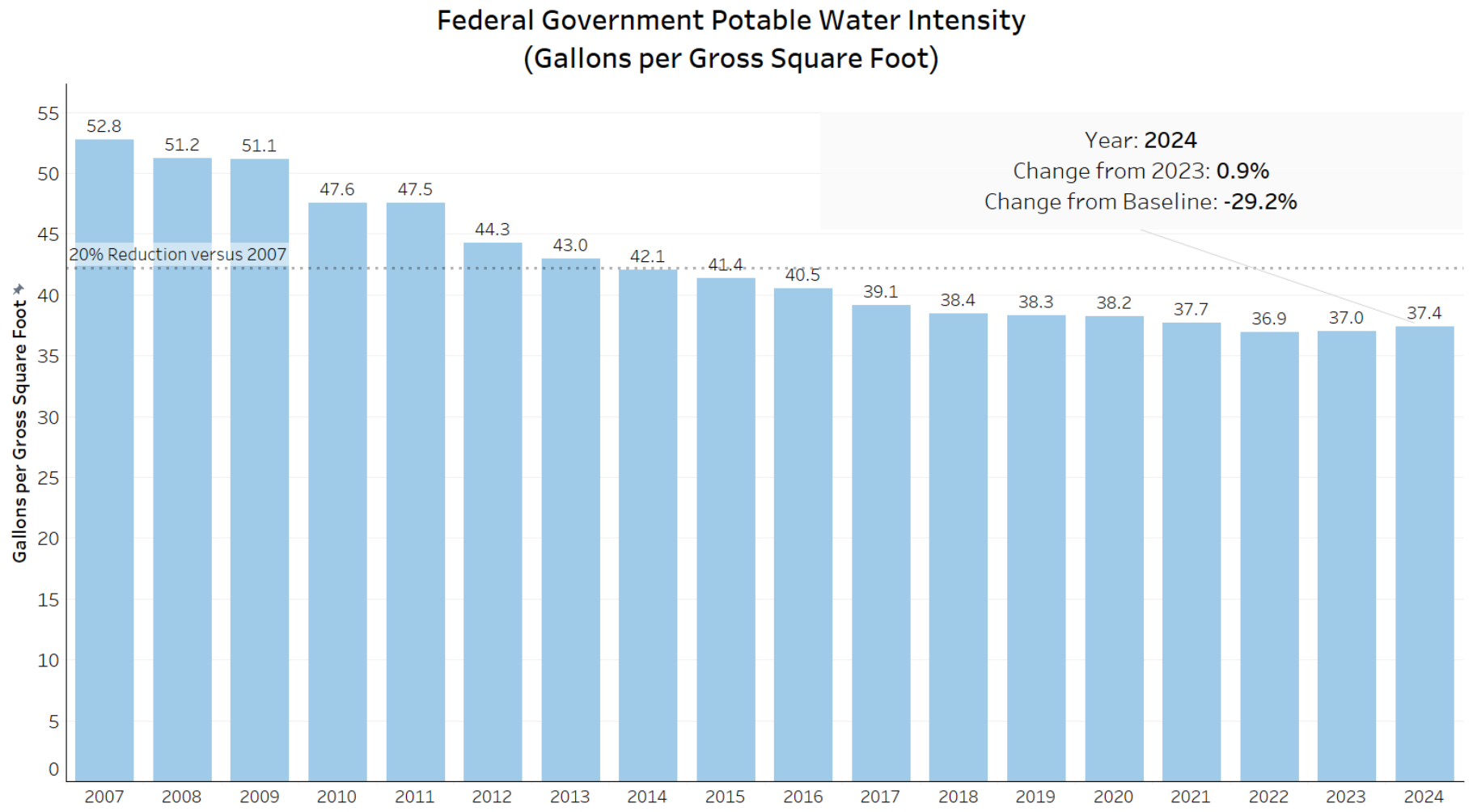
FY 2024 Renewable Electricity Use and Percentage of Electricity Consumption: 6.9 Million MWh



Smaller Agency Renewable Energy Consumption and Percentage

Agency	Renewable Percentage	Renewables (MWh)
USACE	26.2%	89,239
SSA	41.0%	52,008
TRSY	23.5%	50,166
USDA	8.5%	42,541
State	27.3%	39,654
SI	19.0%	33,504
NARA	36.2%	25,007
EPA	22.4%	19,814
DOL	6.4%	16,815
HUD	50.0%	7,543
OPM	25.1%	2,848

Progress toward Reducing Water Use Intensity (Gal/Sqft)



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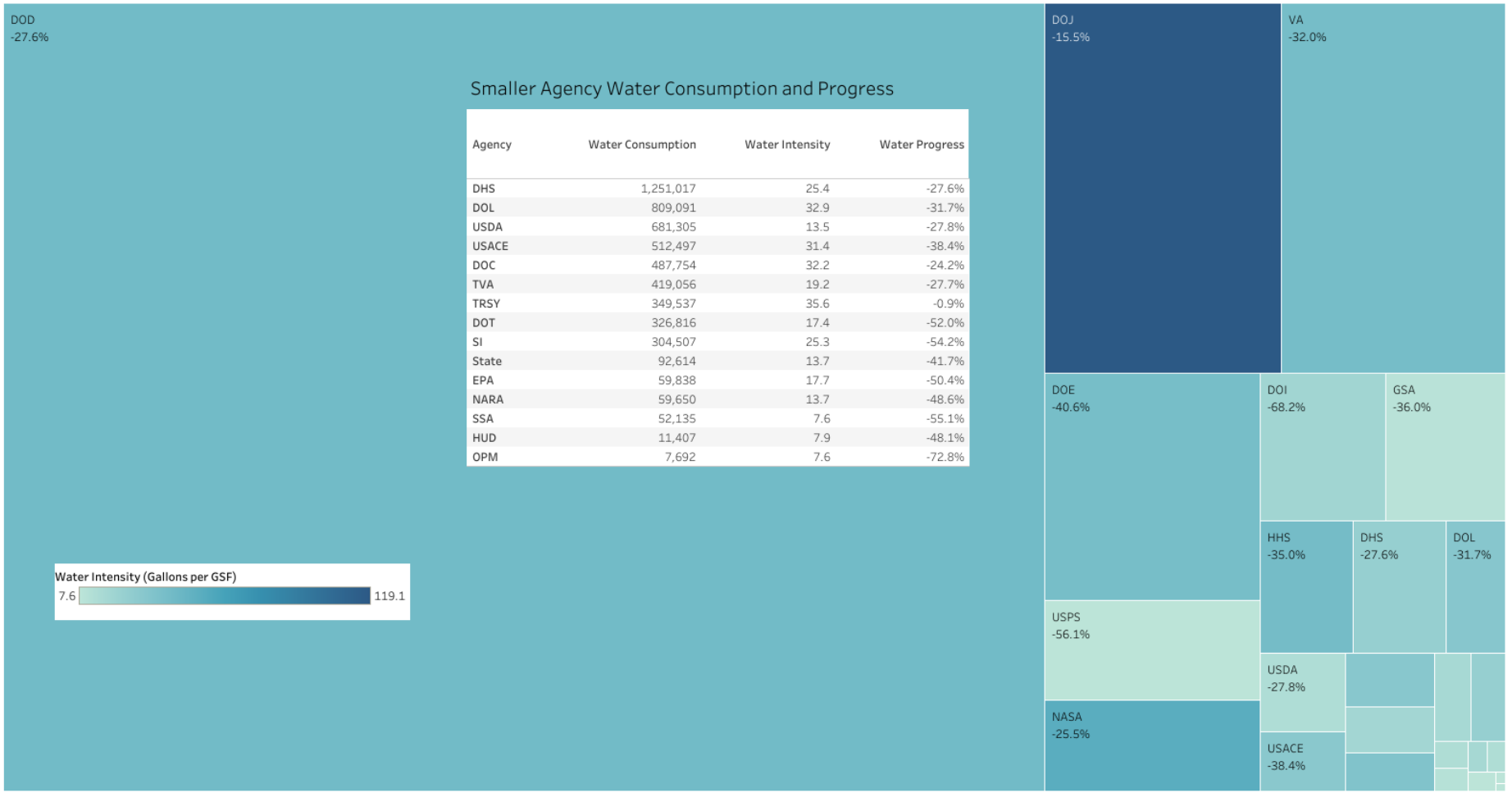
Water Use and Intensity (Gal/Sqft) by Agency

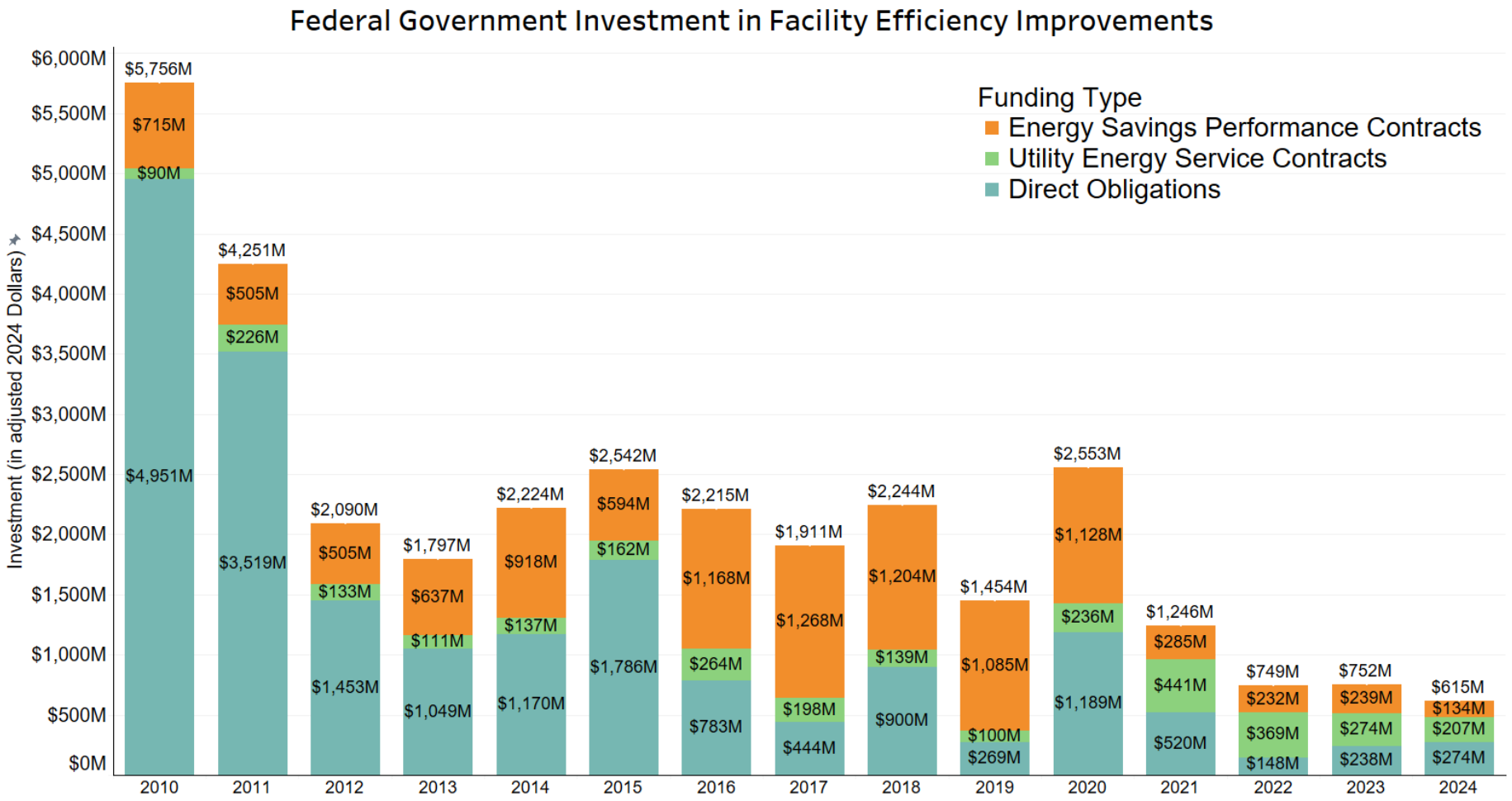
2024 Potable Water Use: 121 Billion Gallons Used, with Intensity and Reduction Percentage versus 2007

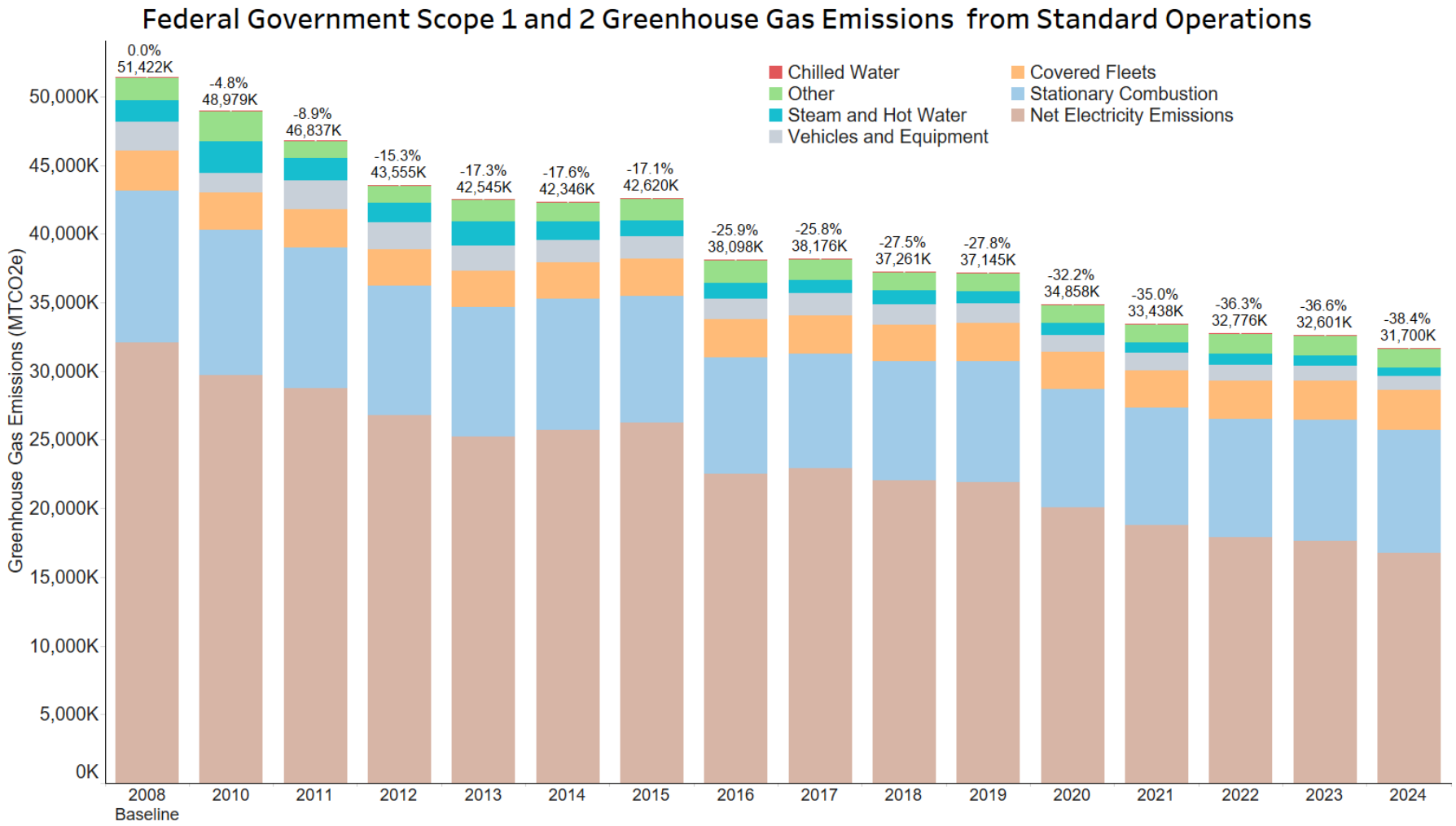


Smaller Agency Water Consumption and Progress

Agency	Water Consumption	Water Intensity	Water Progress
DHS	1,251,017	25.4	-27.6%
DOL	809,091	32.9	-31.7%
USDA	681,305	13.5	-27.8%
USACE	512,497	31.4	-38.4%
DOC	487,754	32.2	-24.2%
TVA	419,056	19.2	-27.7%
TRSY	349,537	35.6	-0.9%
DOT	326,816	17.4	-52.0%
SI	304,507	25.3	-54.2%
State	92,614	13.7	-41.7%
EPA	59,838	17.7	-50.4%
NARA	59,650	13.7	-48.6%
SSA	52,135	7.6	-55.1%
HUD	11,407	7.9	-48.1%
OPM	7,692	7.6	-72.8%

Efficiency Investment since FY 2010 (adjusted 2024 $)



Scope 1&2 GHG Emission Trends by Category

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