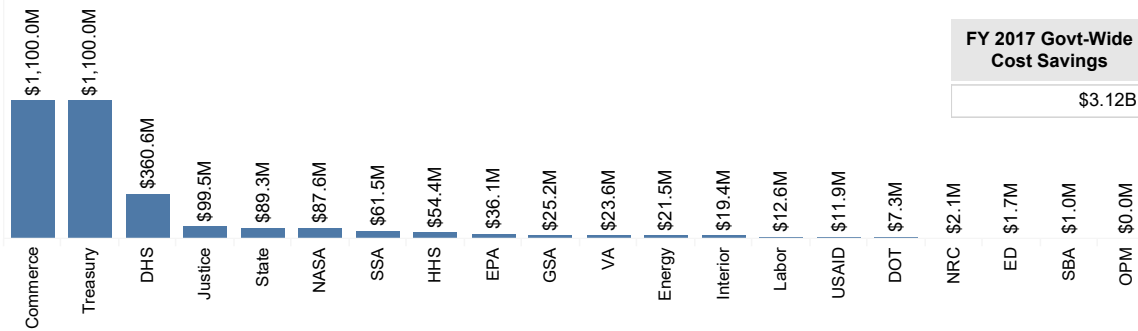


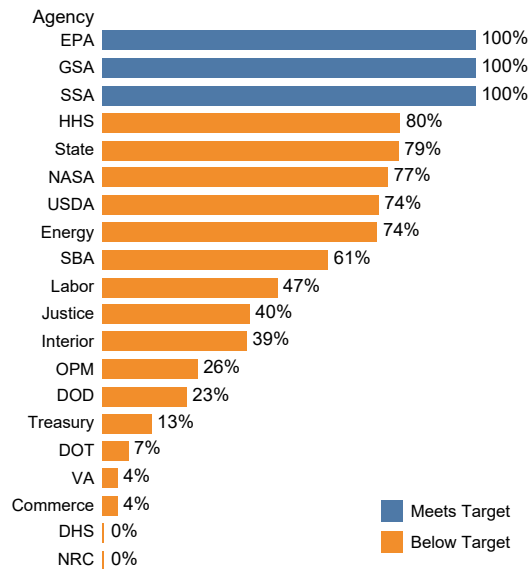
Data Center Consolidation

FY 2017 Data Center Optimization Initiative Cost Savings



Target: Federal agencies demonstrate cost savings of \$2.7 billion or more based on the Federal Data Center Optimization initiative. This data comes from ITDashboard.gov. Cost savings is the reported value achieved in FY17 for cumulative savings attributable to closing and optimizing of data centers. *Note: There is incomplete, improperly formatted, or missing data for the following agencies: USDA, DOD, HUD, NSF.*

Percentage of Tiered Data Centers with Power Metering



Target: 100% of federal agencies' tiered data centers have power metering. A data center is considered tiered if it is classified as Tier 1, 2, 3, or 4. *Note: Metric cannot be calculated for ED, HUD, NSF, USAID - the reported data centers do not meet the minimum criteria for calculating this metric.*

Number of Closed Tiered and Non-Tiered Data Centers

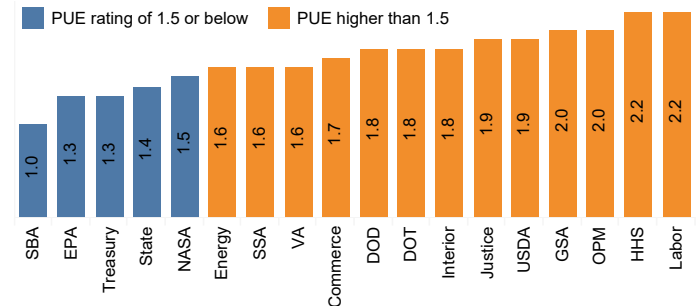
Agency	Non-Tiered	Tiered
USDA	2,180	2
DOD	194	75
Treasury	189	6
DOT	123	4
Interior	54	8
Labor	18	
EPA	17	
HHS	14	6
VA	10	19
SBA	8	
Justice	6	6
Commerce	5	1
DHS	5	4
GSA	5	22
ED	1	
Energy	1	
USAID	1	
NASA		8
NRC		1
OPM		1
SSA		1
State		2
Grand Total	2,831	166

Target: Federal agencies close 471 tiered data centers and 4,006 non-tiered data centers. A data center is considered tiered if it is classified as Tier 1, 2, 3, or 4. *Note: these values depict the progress by CFO-Act agencies towards the closure goals set for each agency by the DCOI. Data is not displayed for data centers without Closure Goals.*

Status of Data Center Optimization Initiative Strategic Plan

Submitted	
Department of Commerce	
Department of Homeland Security	
Department of Defense	
Department of Transportation	
Department of Education	
Department of Energy	
Environmental Protection Agency	
General Services Administration	
Department of Health and Human Services	
Department of Housing and Urban Development	
Department of the Interior	
Department of Justice	
Department of Labor	
National Aeronautics and Space Administration	
Nuclear Regulatory Commission	
National Science Foundation	
Office of Personnel Management	
Small Business Administration	
Social Security Administration	
Department of State	
Department of the Treasury	
U.S. Agency for International Development	
Department of Agriculture	
Department of Veterans Affairs	

Power Usage Effectiveness (PUE) Among Tiered Agency-Operated Data Centers



Target: All agency-operated tiered data centers achieve a Power Usage Effectiveness (PUE) rating of 1.5 or below. A data center is considered tiered if it is classified as Tier 1, 2, 3, or 4. PUE is calculated as average electricity usage divided by average IT electricity usage. *Note: Metric cannot be calculated for ED, DHS, HUD, NSF, NRC, USAID - the reported data centers do not meet the minimum criteria for calculating this metric.*