



U.S. General Services Administration

# Federal Market Update Facilities Maintenance Services

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FY2017 Services Industry Day  
Heartland Acquisition Center

March 2017



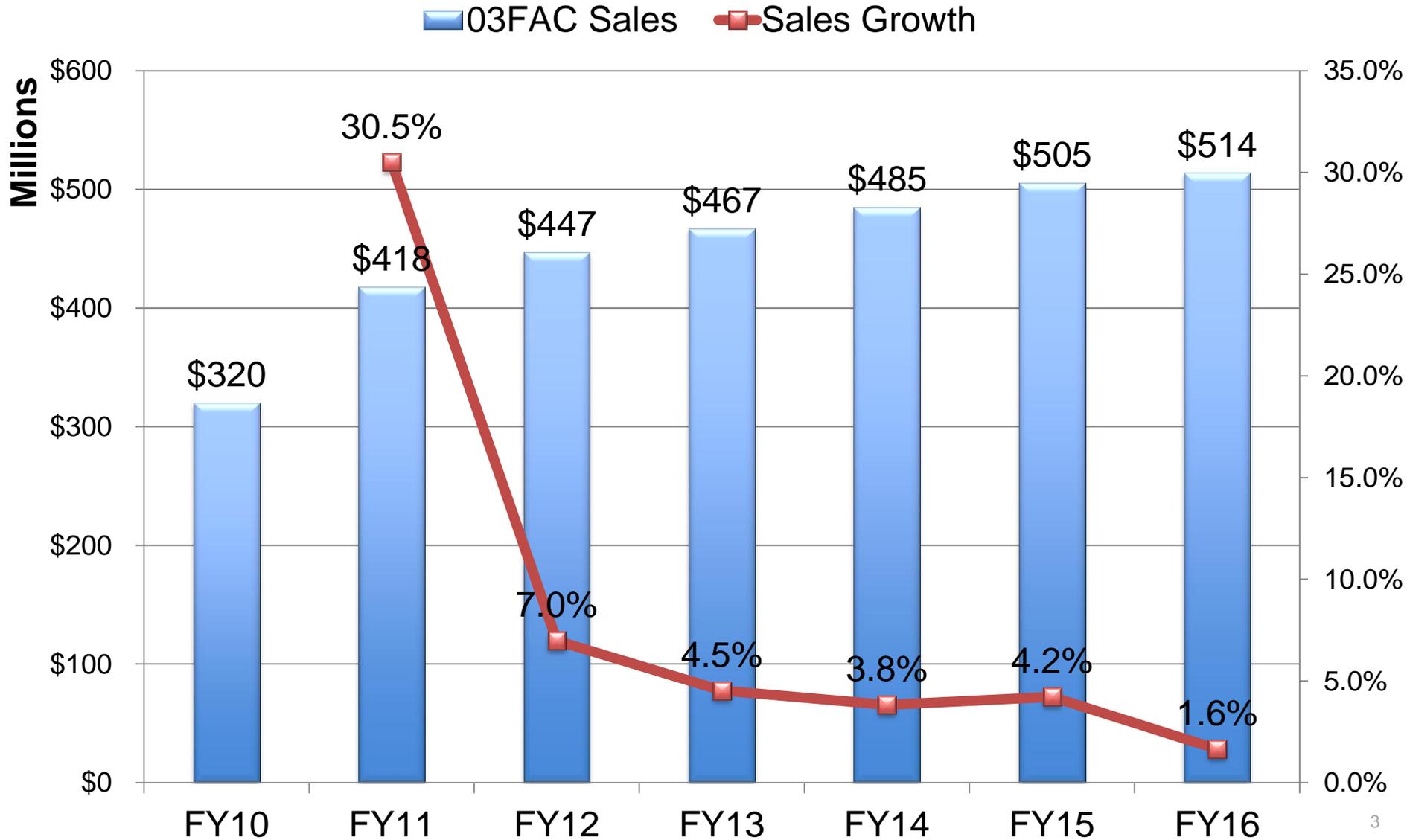
# Overview

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- Quantitative vs. Qualitative
  - This presentation is quantitative-focused
  - Subsequent presentations will be more qualitative
- Three Separate Data Sets
  - 72A Sales Data
  - Federal Procurement Data System – Next Generation (FPDS-NG)
  - Federal Real Property Profile (FRPP)
- Building a Narrative
  - The different data sets can tell us different things
  - There is some overlap to connect and sanity-check information
  - Though the data sets will not equate one-to-one, their trends and natural conclusions do largely agree with one another
  - Collectively, this data will create a shared, cohesive understanding of the broad market that we can build on throughout the day

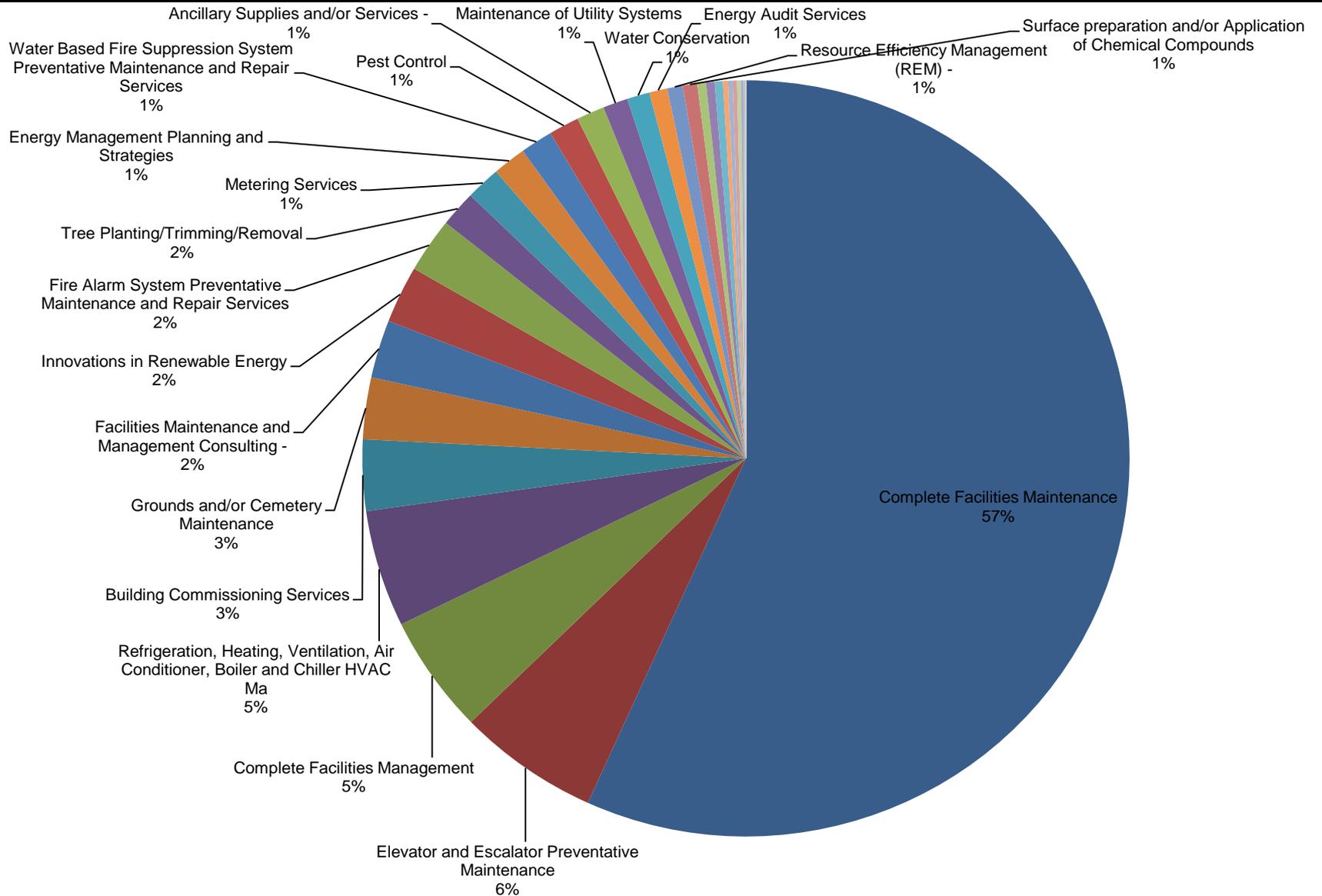


# Schedule 03FAC Sales and Sales Growth FY10-FY16



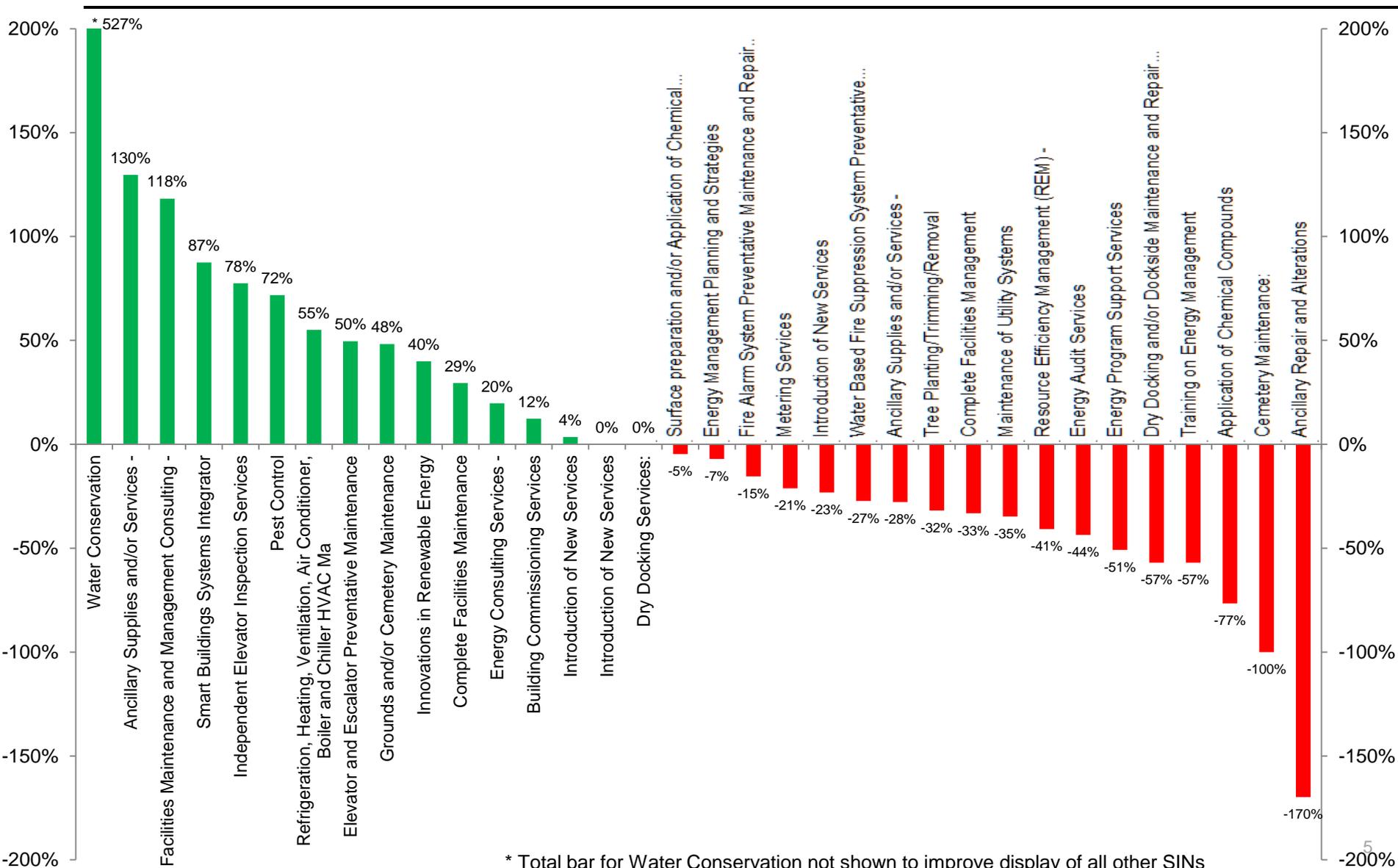


# Schedule 03FAC Proportionate SIN Sales FY16 Total Sales - \$514M





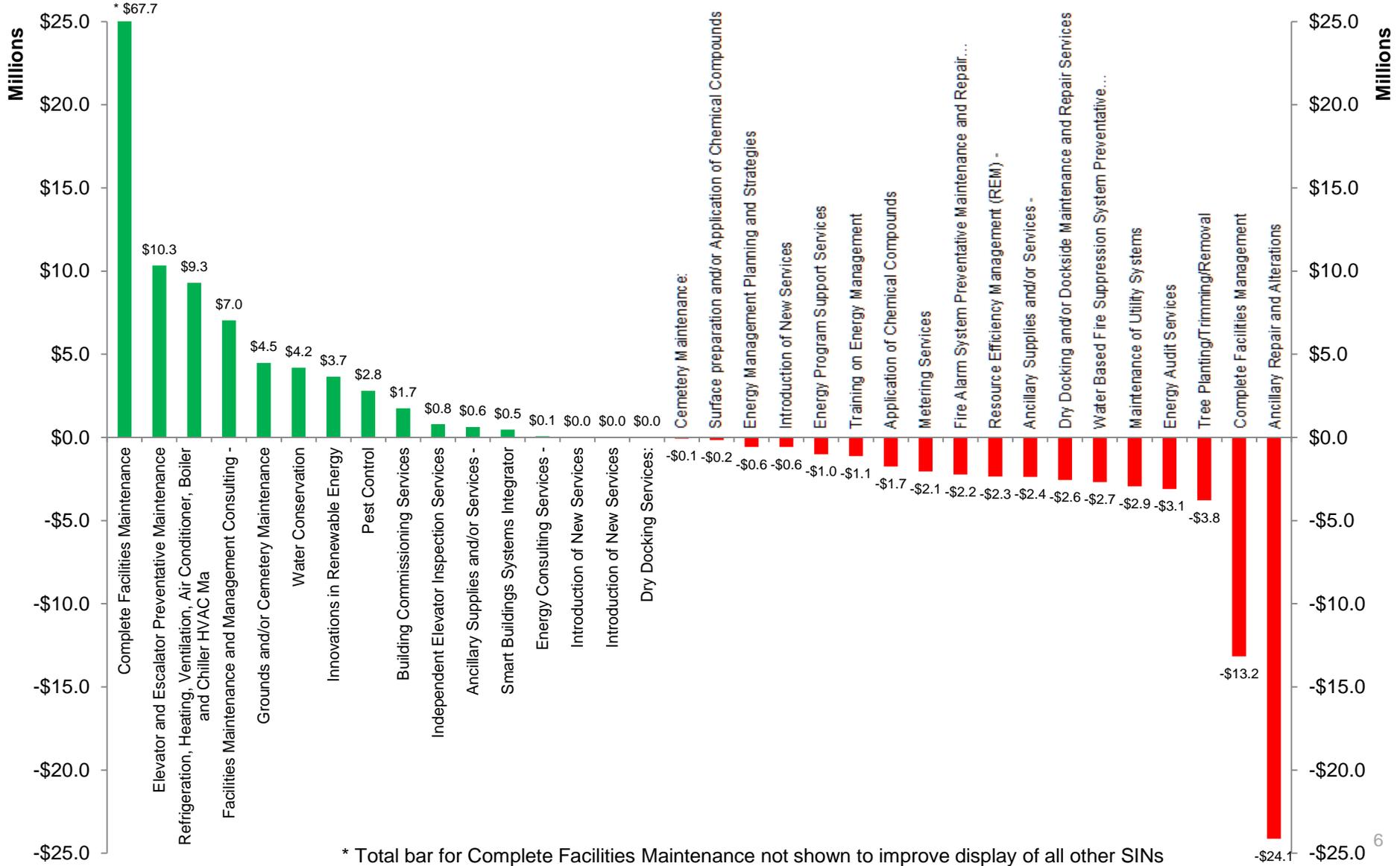
# Schedule 03FAC SIN Growth (Percentage) FY13-FY16



\* Total bar for Water Conservation not shown to improve display of all other SINs



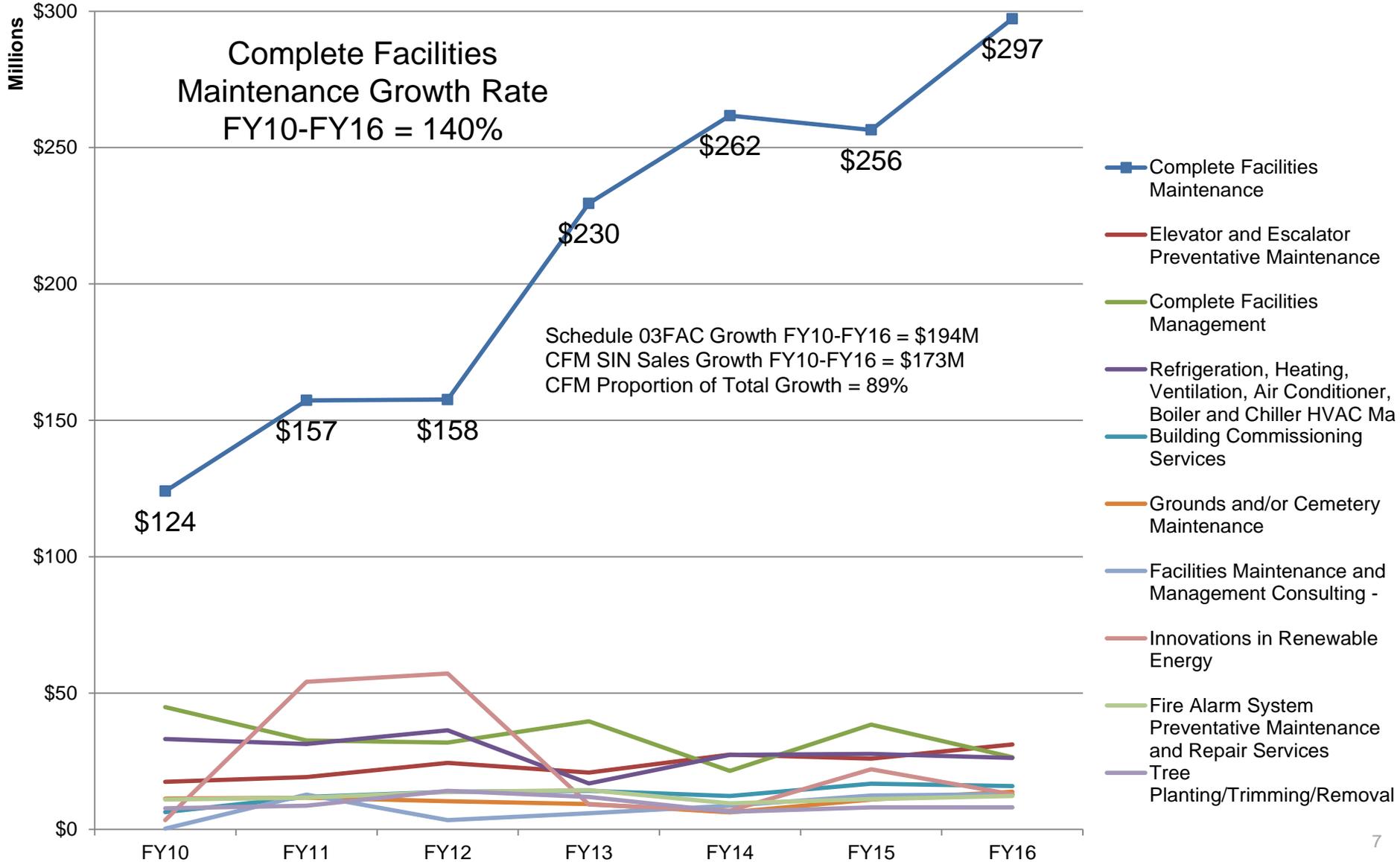
# Schedule 03FAC SIN Growth (Dollars) FY13-FY16



\* Total bar for Complete Facilities Maintenance not shown to improve display of all other SINs

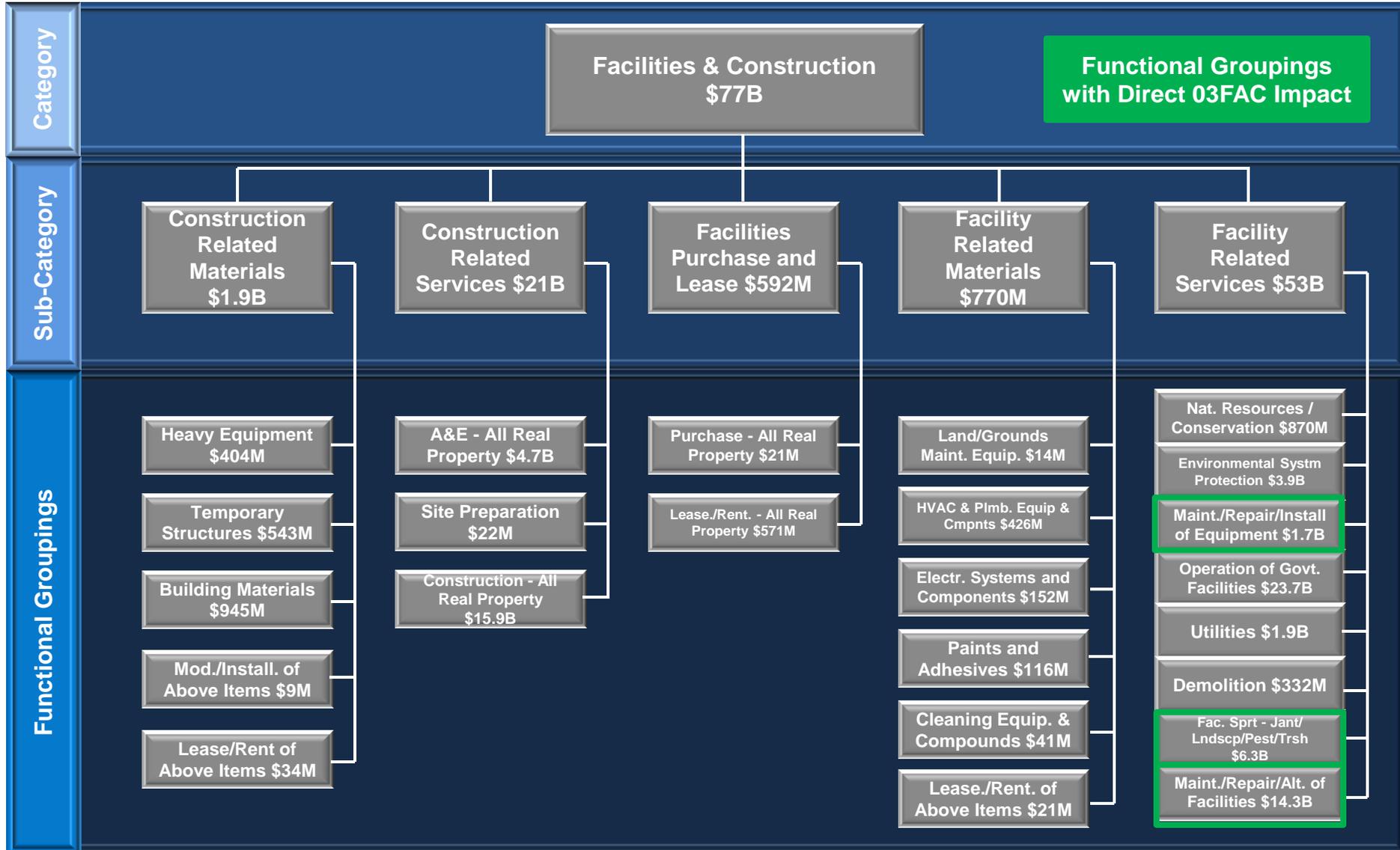


# Sales for SINs Accounting for 2% or More of Schedule 03FAC Sales FY10-FY16





# Facilities & Construction Category Composition Breakdown by Classification Level (FY16 Spend Totals)





# Product Service Codes Used in Following Slides (164 total)

Product and Service Codes (PSC) describe products, services, and research and development (R&D) purchased by the federal government. These codes indicate "WHAT" was bought for each contract action reported in the Federal Procurement Data System (FPDS).

## Maintenance, Repair, or Installation of Equipment

J041 - MAINT/REPAIR/REBUILD OF EQUIPMENT- REFRIGERATION, AIR CONDITIONING, AND AIR CIRCULATING EQUIPMENT  
J044 - MAINT/REPAIR/REBUILD OF EQUIPMENT- FURNACE, STEAM PLANT, AND DRYING EQUIPMENT; NUCLEAR REACTORS  
J045 - MAINT/REPAIR/REBUILD OF EQUIPMENT- PLUMBING, HEATING, AND WASTE DISPOSAL EQUIPMENT  
J059 - MAINT-REP OF ELECT-ELCT EQ  
K041 - MODIFICATION OF EQUIPMENT- REFRIGERATION, AIR CONDITIONING, AND AIR CIRCULATING EQUIPMENT  
K059 - MODIFICATION OF EQUIPMENT- ELECTRICAL AND ELECTRONIC EQUIPMENT COMPONENTS  
N041 - INSTALLATION OF EQUIPMENT- REFRIGERATION, AIR CONDITIONING, AND AIR CIRCULATING EQUIPMENT  
N044 - INSTALLATION OF EQUIPMENT- FURNACE, STEAM PLANT, AND DRYING EQUIPMENT; NUCLEAR REACTORS  
N045 - INSTALLATION OF EQUIPMENT- PLUMBING, HEATING, AND WASTE DISPOSAL EQUIPMENT  
N059 - INSTALL OF ELECT-ELCT EQ

## Facilities Support Services

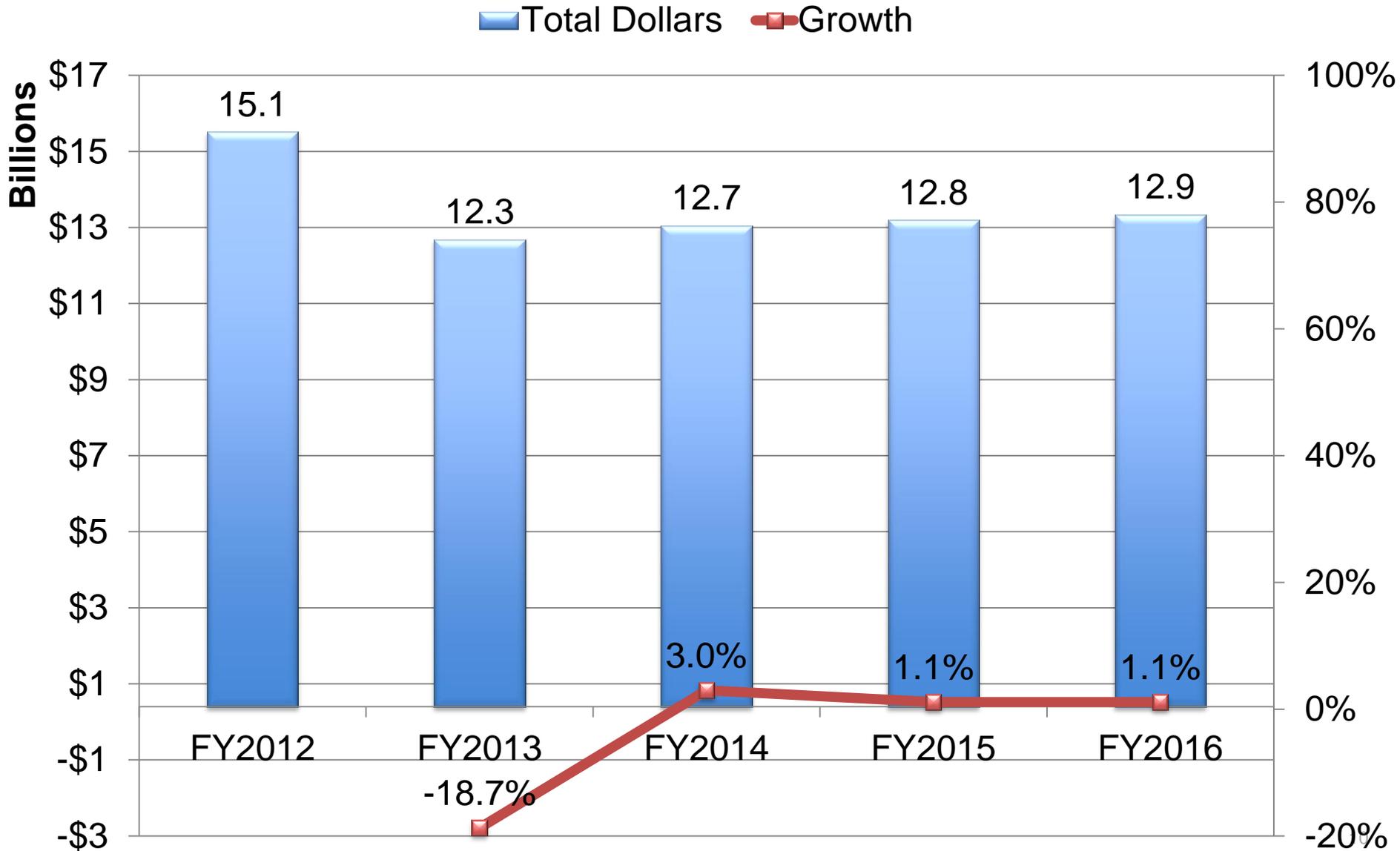
S201 - CUSTODIAL JANITORIAL SERVICES  
S202 - FIRE PROTECTION  
S205 - TRASH/GARBAGE COLLECTION  
S207 - INSECT/RODENT CONTROL  
S208 - LANDSCAPING/GROUNDSKEEPING  
S214 - CARPET LAYING/CLEANING  
S216 - FACILITIES OPERATIONS SUPPORT  
S218 - SNOW REMOVAL/SALT SERVICE  
S299 - OTHER HOUSEKEEPING SERVICES

## Maintenance, Repair, or Alteration of Facilities

Z111 - OFFICE BLDGS; Z112 - CONF SPACE AMP; FAC; Z119 - OTHER ADMIN BLDGS; Z121 - AIR TRAFFIC TOWERS; Z122 - AIR TRAFFIC TNG FAC; Z123 - RADAR AMP; NAV FAC; Z124 - AIRPORT RUNWAYS; Z125 - AIRPORT TERMINALS; Z126 - MISSILE SYSTEMS FAC; Z127 - ELCT AMP; COMM SYS FAC; Z129 - OTH AIRFIELD STRUCT; Z131 - SCHOOLS; Z139 - OTHER EDUCATIONAL BLD; Z141 - HOSPITALS AMP; INFIRMARY; Z142 - LABS AMP; CLINICS; Z149 - OTHER HOSPITAL BLDGS; Z151 - AMMUNITION FACILITIES; Z152 - MAINT BLDGS; Z153 - PRODUCTION BLDGS; Z154 - SHIP CONST-REPAIR FAC; Z155 - TANK AUTOMOTIVE FAC; Z159 - OTHER INDUSTRIAL BLDG; Z161 - FAMILY HOUSING; Z162 - RECREATIONAL BLDGS; Z163 - TROOP HOUSING; Z164 - DINING FACILITIES; Z165 - RELIGIOUS FACILITIES; Z166 - PENAL FACILITIES; Z169 - OTHER RESIDENTIAL BLD; Z171 - AMMO STORAGE BLDGS; Z172 - FOOD STORAGE BLDGS; Z173 - FUEL STORAGE BLDGS; Z174 - OPEN STORAGE FAC; Z179 - OTHER WAREHOUSE BLDGS; Z181 - R AMP;D GOCO FACILITIES; Z182 - R AMP;D GOGO FACILITIES; Z183 - R & D GOCO ENVIR LABS; Z191 - EXHIBITION BUILDINGS; Z192 - TEST BUILDINGS; Z199 - MISC BLDGS; Z1AA - OFFICE BUILDINGS; Z1AB - CONFERENCE SPACE AND FACILITIES; Z1AZ - OTHER ADMINISTRATIVE FACILITIES AND SERVICE BUILDINGS; Z1BA - AIR TRAFFIC CONTROL TOWERS; Z1BB - AIR TRAFFIC CONTROL TRAINING FACILITIES; Z1BC - RADAR AND NAVIGATIONAL FACILITIES; Z1BD - AIRPORT RUNWAYS AND TAXIWAYS; Z1BE - AIRPORT TERMINALS; Z1BF - MISSILE SYSTEM FACILITIES; Z1BG - ELECTRONIC AND COMMUNICATIONS FACILITIES; Z1BZ - OTHER AIRFIELD STRUCTURES; Z1CA - SCHOOLS; Z1CZ - OTHER EDUCATIONAL BUILDINGS; Z1DA - HOSPITALS AND INFIRMARIES; Z1DB - LABORATORIES AND CLINICS; Z1DZ - OTHER HOSPITAL BUILDINGS; Z1EA - AMMUNITION FACILITIES; Z1EB - MAINTENANCE BUILDINGS; Z1EC - PRODUCTION BUILDINGS; Z1ED - SHIP CONSTRUCTION AND REPAIR FACILITIES; Z1EE - TANK AUTOMOTIVE FACILITIES; Z1EZ - OTHER INDUSTRIAL BUILDINGS; Z1FA - FAMILY HOUSING FACILITIES; Z1FB - RECREATIONAL BUILDINGS; Z1FC - TROOP HOUSING FACILITIES; Z1FD - DINING FACILITIES; Z1FE - RELIGIOUS FACILITIES; Z1FF - PENAL FACILITIES; Z1FZ - OTHER RESIDENTIAL BUILDINGS; Z1GA - AMMUNITION STORAGE BUILDINGS; Z1GB - FOOD OR GRAIN STORAGE BUILDINGS; Z1GC - FUEL STORAGE BUILDINGS; Z1GD - OPEN STORAGE FACILITIES; Z1GZ - OTHER WAREHOUSE BUILDINGS; Z1HA - GOVERNMENT-OWNED CONTRACTOR-OPERATED (GOCO) R AMP;D FACILITIES; Z1HB - GOVERNMENT-OWNED GOVERNMENT-OPERATED (GOGO) R AMP;D FACILITIES; Z1HC - GOVERNMENT-OWNED CONTRACTOR-OPERATED (GOCO) ENVIRONMENTAL LABORATORIES; Z1HZ - GOVERNMENT-OWNED GOVERNMENT-OPERATED (GOGO) ENVIRONMENTAL LABORATORIES; Z1JA - MUSEUMS AND EXHIBITION BUILDINGS; Z1JB - TESTING AND MEASUREMENT BUILDINGS; Z1JZ - MISCELLANEOUS BUILDINGS; Z1KA - DAMS; Z1KB - CANALS; Z1KC - MINE FIRE CONTROL FACILITIES; Z1KD - MINE SUBSIDENCE CONTROL FACILITIES; Z1KE - SURFACE MINE RECLAMATION FACILITIES; Z1KF - DREDGING FACILITIES; Z1KZ - OTHER CONSERVATION AND DEVELOPMENT FACILITIES; Z1LA - AIRPORT SERVICE ROADS; Z1LB - HIGHWAYS/ROADS/STREETS/BRIDGES/RAILWAYS; Z1LC - TUNNELS AND SUBSURFACE STRUCTURES; Z1LZ - PARKING FACILITIES; Z1MA - EPG FACILITIES - COAL; Z1MB - EPG FACILITIES - GAS; Z1MC - EPG FACILITIES - GEOTHERMAL; Z1MD - EPG FACILITIES - HYDRO; Z1MF - EPG FACILITIES - PETROLEUM; Z1MG - EPG FACILITIES - SOLAR; Z1MH - EPG FACILITIES - WIND; Z1MZ - EPG FACILITIES - OTHER, INCLUDING TRANSMISSION; Z1NA - FUEL SUPPLY FACILITIES; Z1NB - HEATING AND COOLING PLANTS; Z1NC - POLLUTION ABATEMENT AND CONTROL FACILITIES; Z1ND - SEWAGE AND WASTE FACILITIES; Z1NE - WATER SUPPLY FACILITIES; Z1NZ - OTHER UTILITIES; Z1PA - RECREATION FACILITIES (NON-BUILDING); Z1PB - EXHIBIT DESIGN (NON-BUILDING); Z1PC - UNIMPROVED REAL PROPERTY (LAND); Z1PD - WASTE TREATMENT AND STORAGE FACILITIES; Z1PZ - OTHER NON-BUILDING FACILITIES; Z1QA - RESTORATION OF REAL PROPERTY (PUBLIC OR PRIVATE); Z211 - DAMS; Z212 - CANALS; Z213 - MINE FIRE CONT; Z214 - MINE SUBSIDENCE CONT; Z215 - SURFACE MINE RECLAM; Z216 - DREDGING; Z217 - DREDGING,INCL. DUSTPAN AND SEA-GOING HOPPERS; Z219 - OTHER CONSV STRUCTURE; Z221 - AIRPORT SERVICE ROADS; Z222 - HWYS-RDS-STS-BRDGS-RA; Z223 - TUNNELS-SUBSURF STRUC; Z224 - PARKING FACILITIES; Z231 - EPG - COAL; Z232 - EPG - GAS; Z233 - EPG - GEOTHERMAL; Z234 - EPG - HYDRO; Z235 - EPG - NUCLEAR; Z236 - EPG - PETROLEUM; Z237 - EPG - SOLAR; Z239 - EPG - OTHER; Z241 - FUEL SUPPLY; Z242 - HEATING AMP; COOL PLANTS; Z243 - POLLUTION ABATEMENT; Z244 - SEWAGE AMP; WASTE; Z245 - WATER SUPPLY; Z249 - OTHER UTILITIES; Z291 - RECREA NON-BLDG STRUC; Z292 - EXHIBIT (NON-BLDG); Z293 - UNIMPROVED REAL PROP; Z294 - WASTE TRMT-STORE FAC; Z299 - ALL OTHER; Z300 - MAINT, REP-ALT/RESTORATION

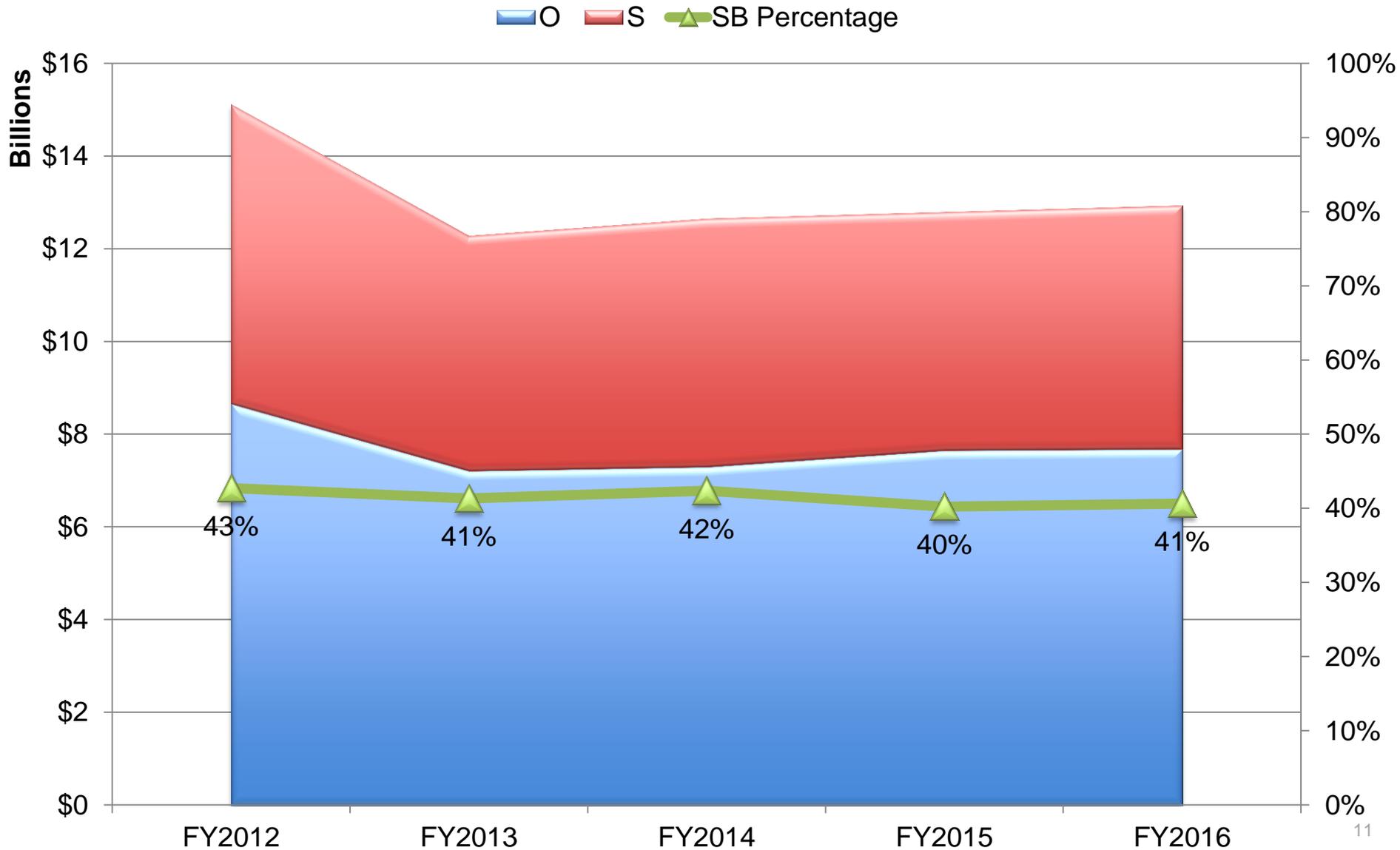


# FPDS-NG – Facilities Maintenance and Support Services Spend and Growth – FY12-FY16



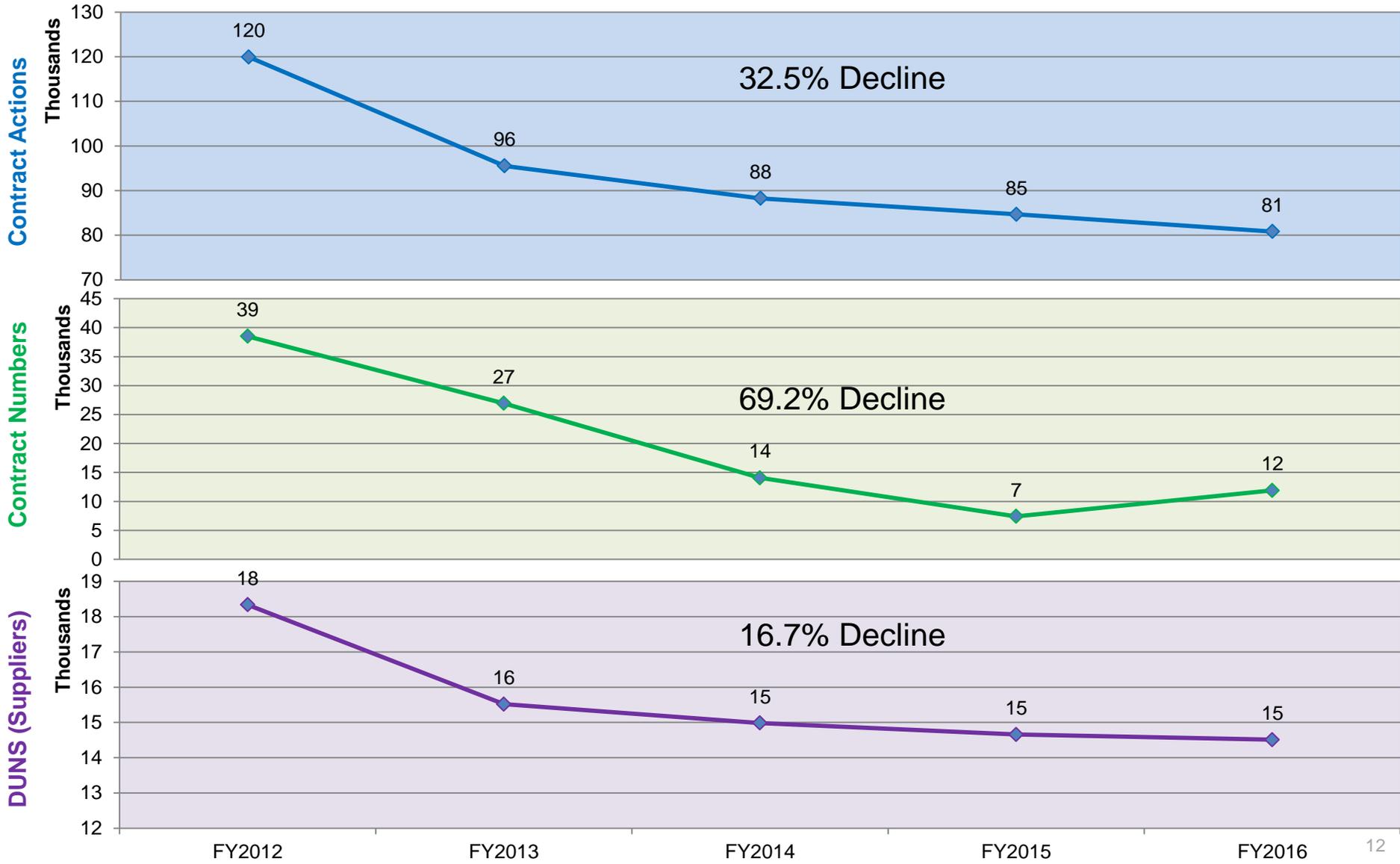


# FPDS-NG – Small Business Utilization – FY12-FY16



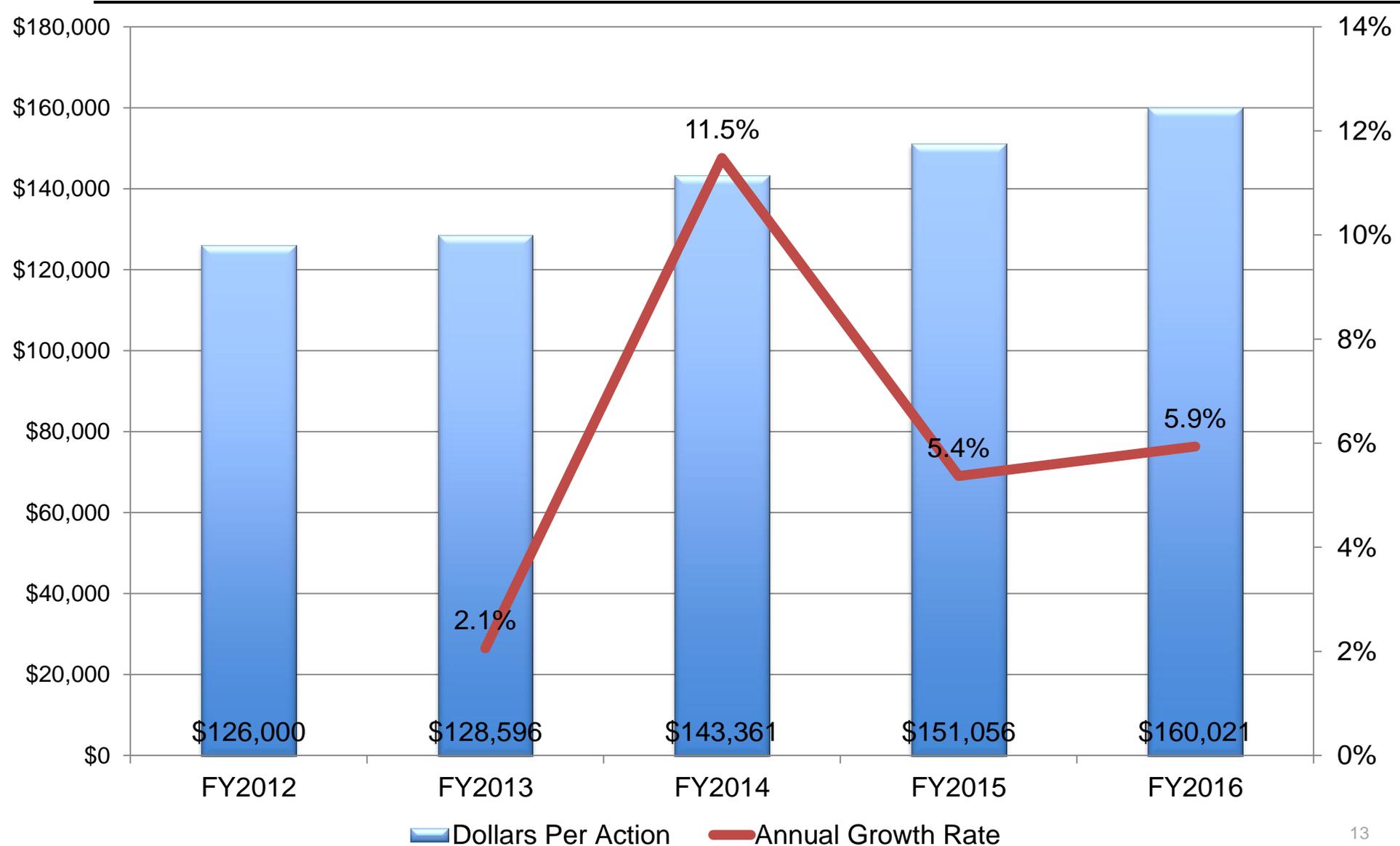


# FPDS-NG – Volume Trends – Actions, Contacts, Suppliers – FY12-FY16



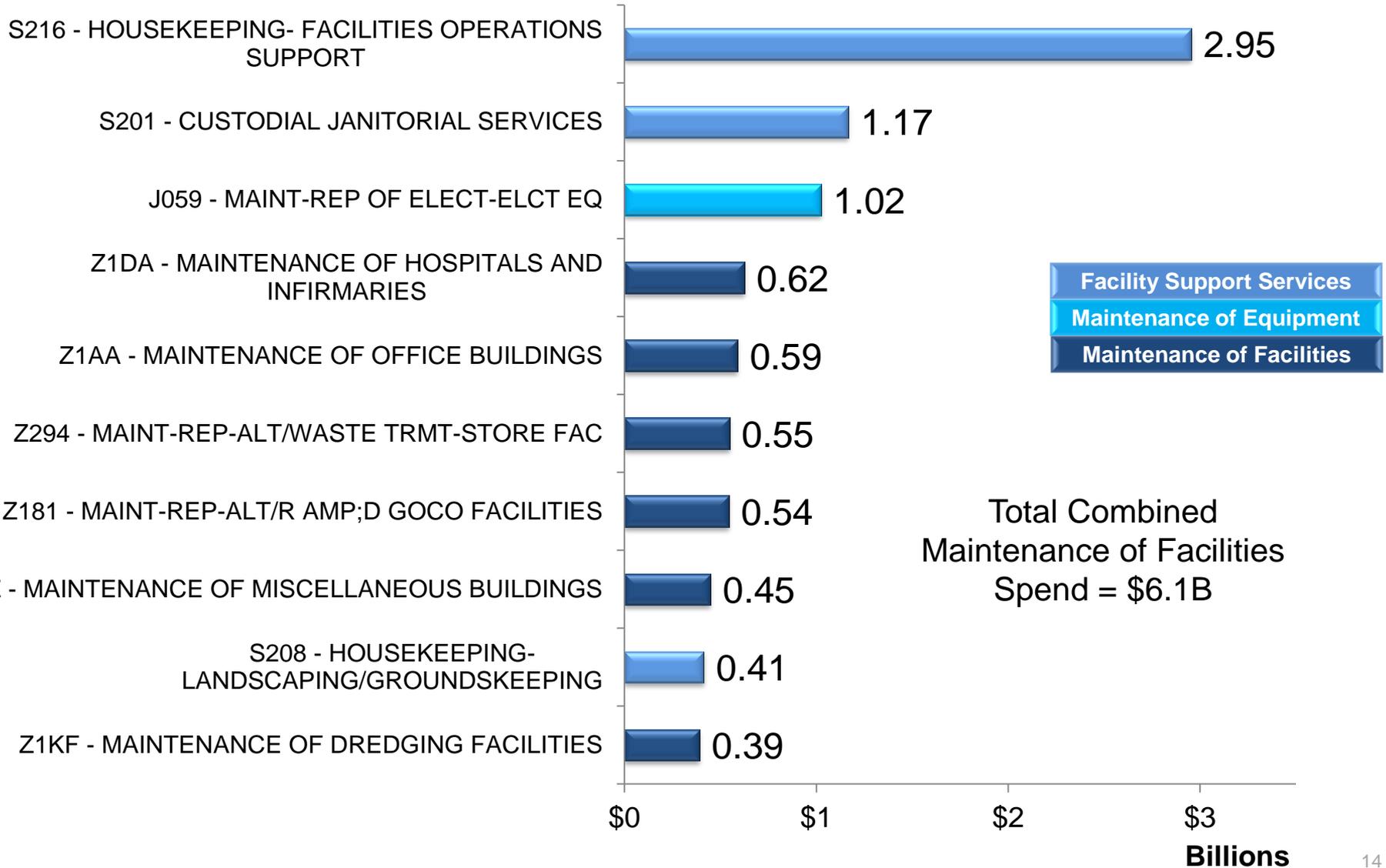


# FPDS-NG - Dollars Per Action – FY12-FY16





# FPDS-NG – Top Spend PSCs – FY16

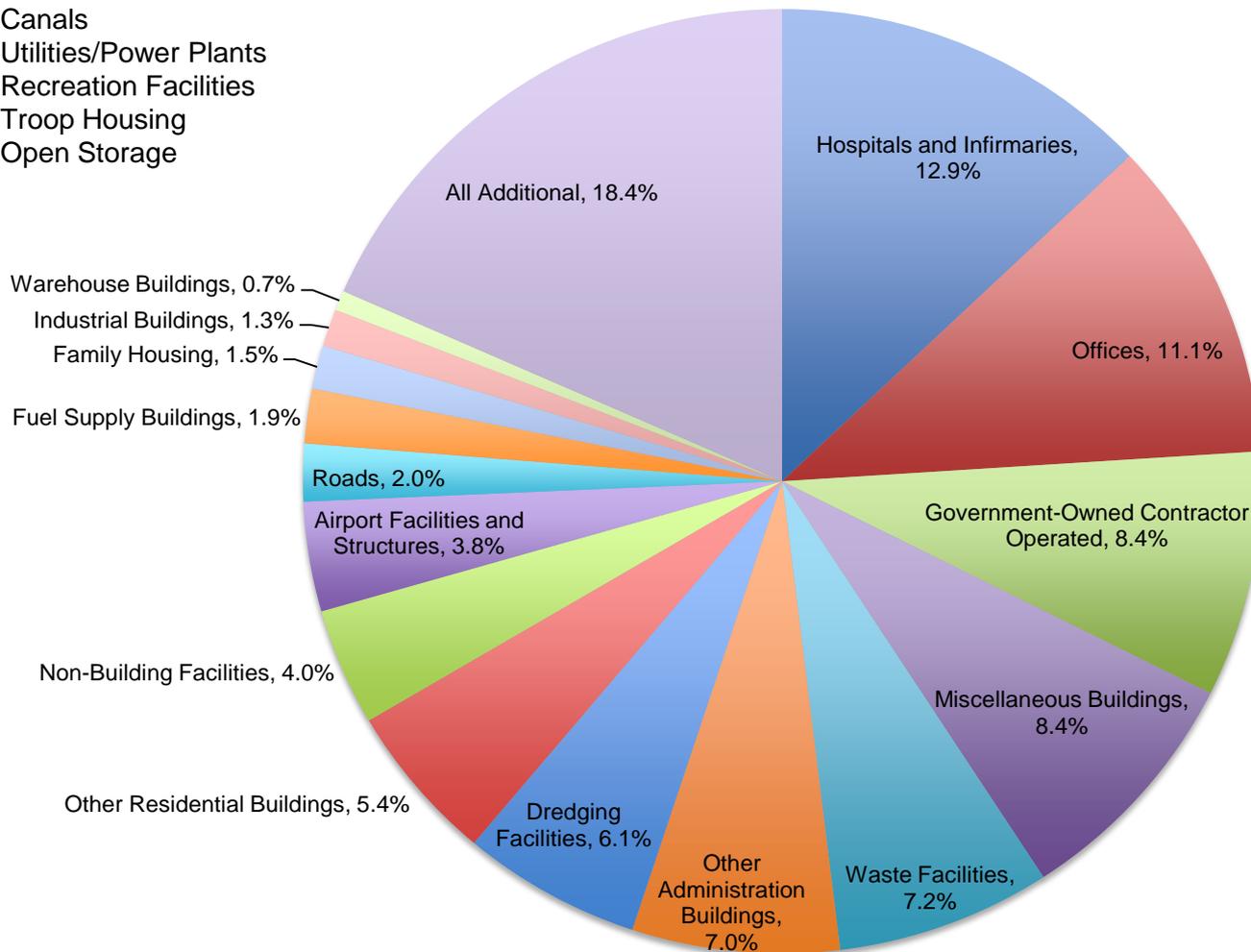




# FPDS-NG – Maintenance Spend by Building Type FY12-FY17 – Average \$6.5B

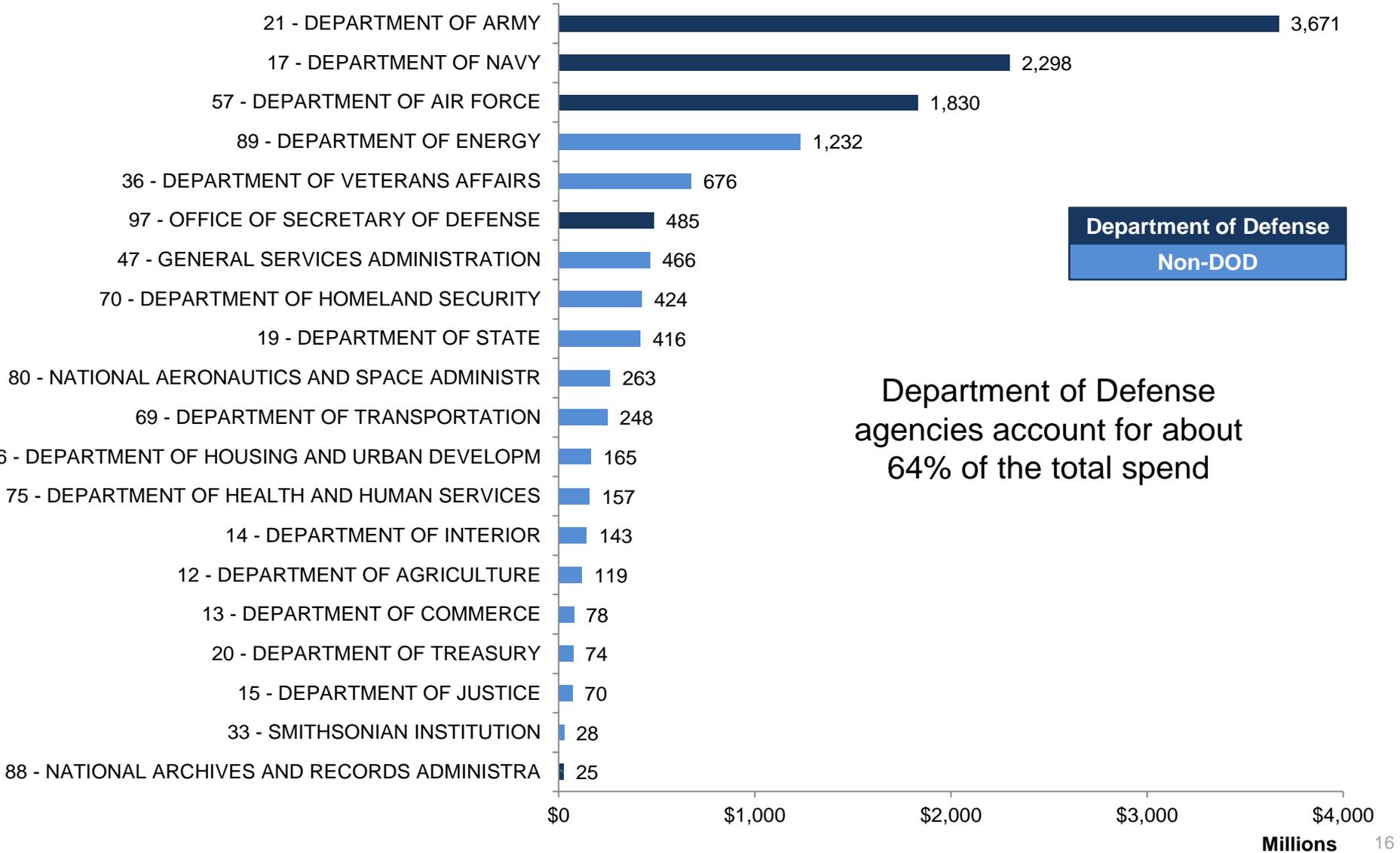
Examples of Additional Category:

- Dams
- Canals
- Utilities/Power Plants
- Recreation Facilities
- Troop Housing
- Open Storage



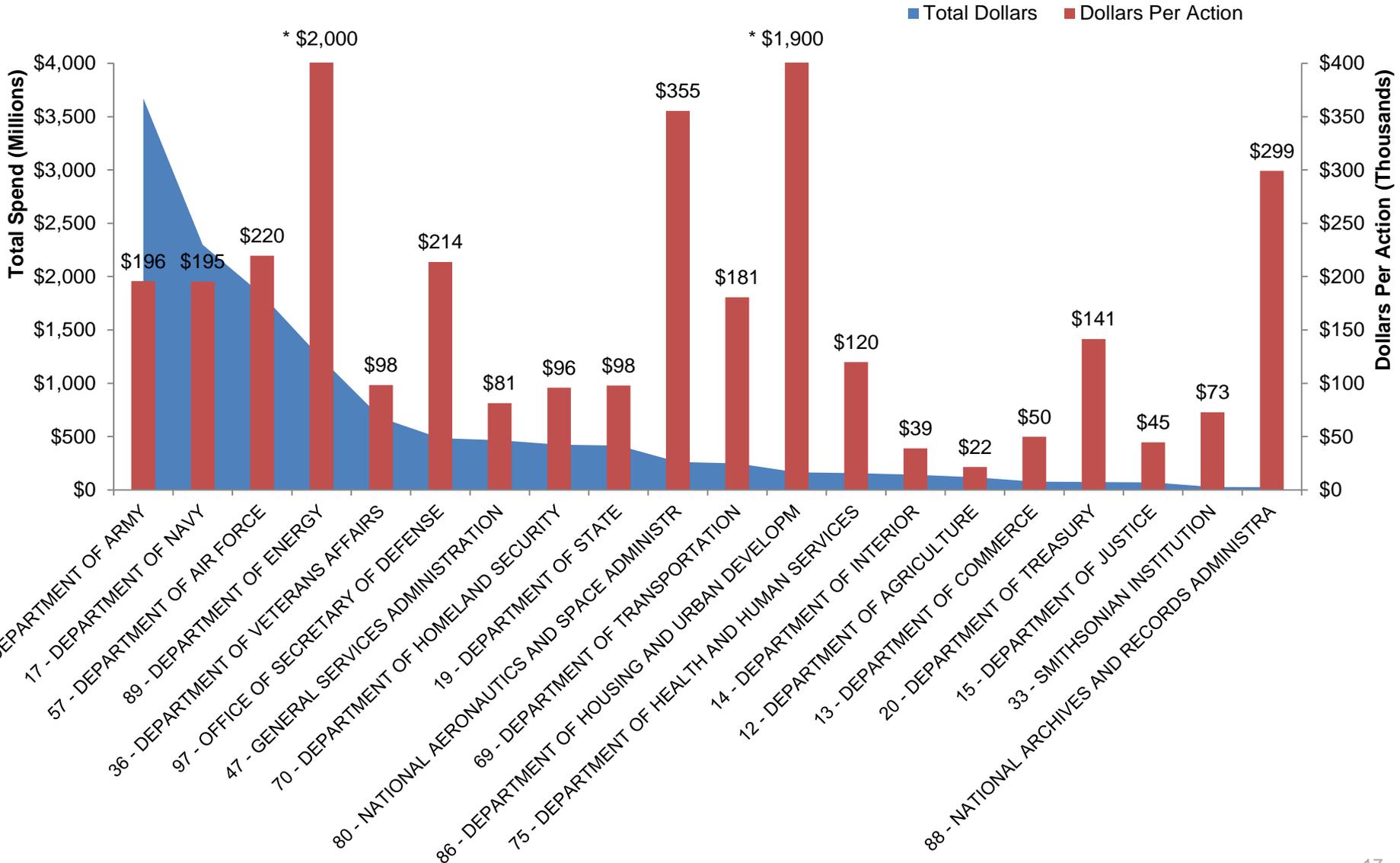


# FPDS-NG - Top Spend Agencies - FY16





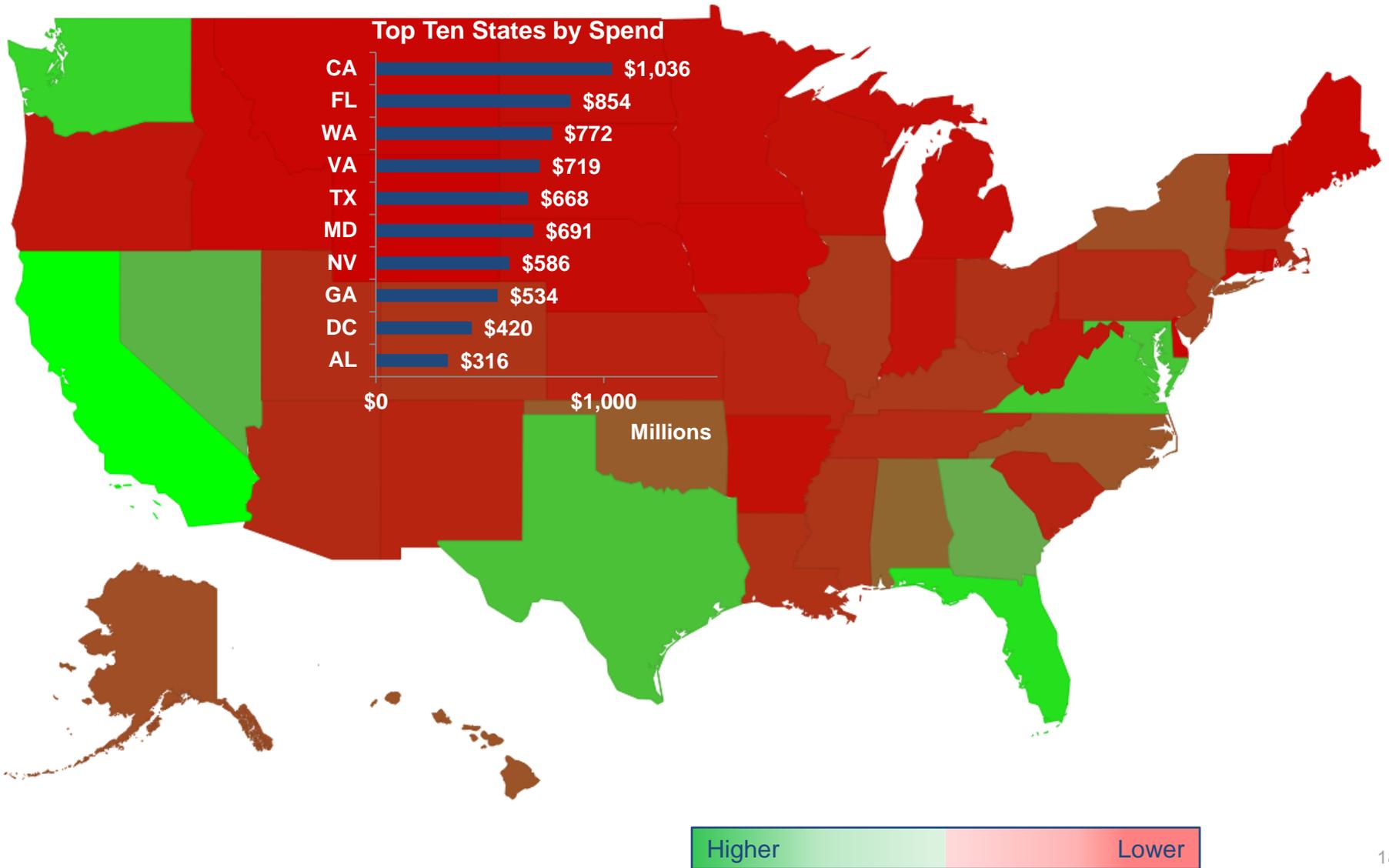
# FPDS-NG – Dollars Per Action By Agency – FY16



\* Total bar for Department of Energy and HUUD not shown to improve display of all other agencies

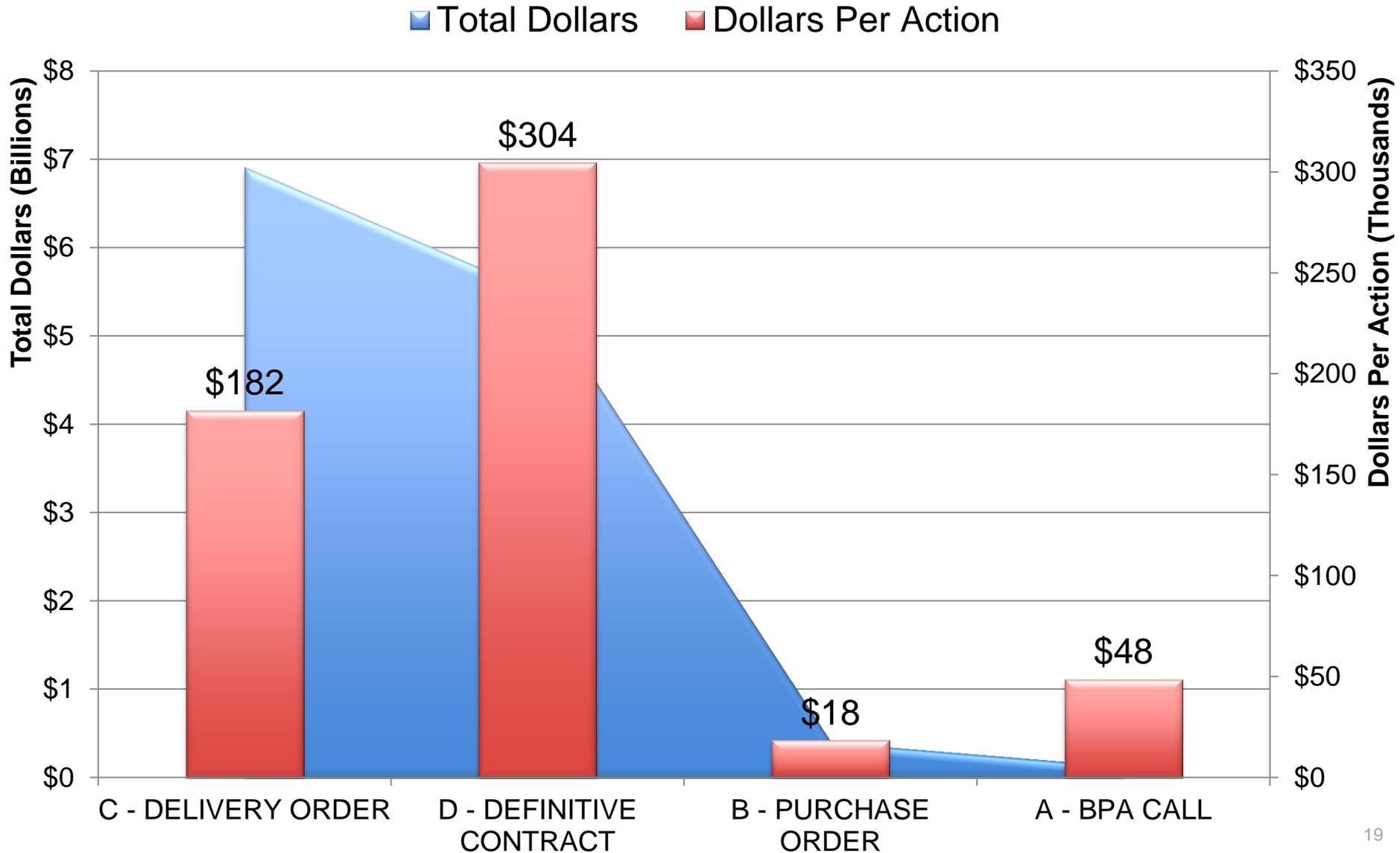


# FPDS-NG – Average Spend By State – FY14-FY16





# FPDS-NG – Award Type Data – FY16



- Executive Order (EO) 13327, Federal Real Property Asset Management (February 6, 2004), mandated that executive branch agencies improve their real property asset management.
- EO 13327 requires that the General Services Administration (GSA) maintain the Federal Real Property Profile (FRPP), which acts as the Federal Government's only database of all real property under the custody or control of executive branch agencies, except for property excluded for reasons of national security.
- As prescribed in EO 13327, GSA is publishing the FRRP Open Data Set for fiscal year (FY) 2015. The data set provides a high level summary of the real property inventory of the Federal Government and is accessible online at [www.gsa.gov/frppreport](http://www.gsa.gov/frppreport)



## Key FY2015 Statistics

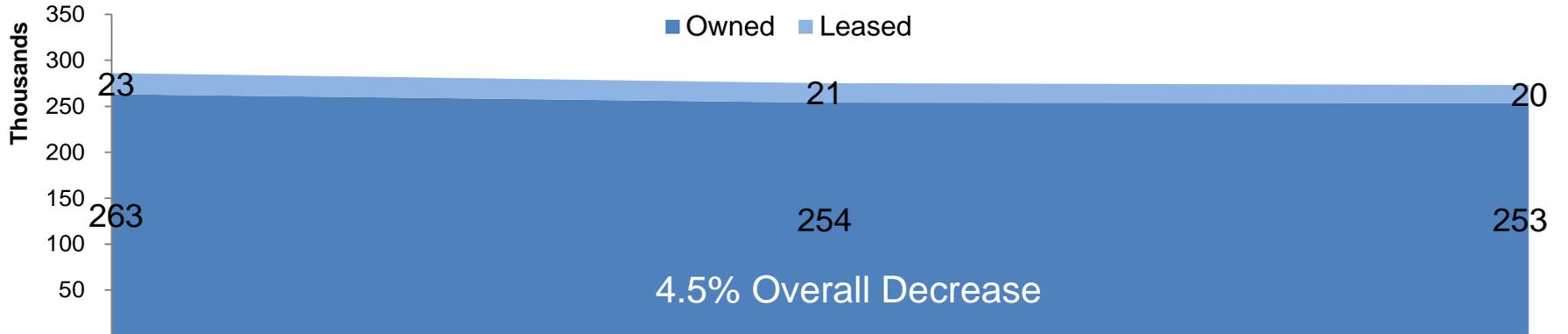
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- Total federal buildings: 273,000
- Total square footage of federal buildings: 2.8 billion square feet
- 0.75% decrease in number of buildings (owned and leased) from FY2014 to FY2015
- Total federal structures: 496,000
- Total federal land acreage: 49 million
- Reduced leased space by 11 million square feet and increased federally owned building space by 15 million square feet to help consolidate leases

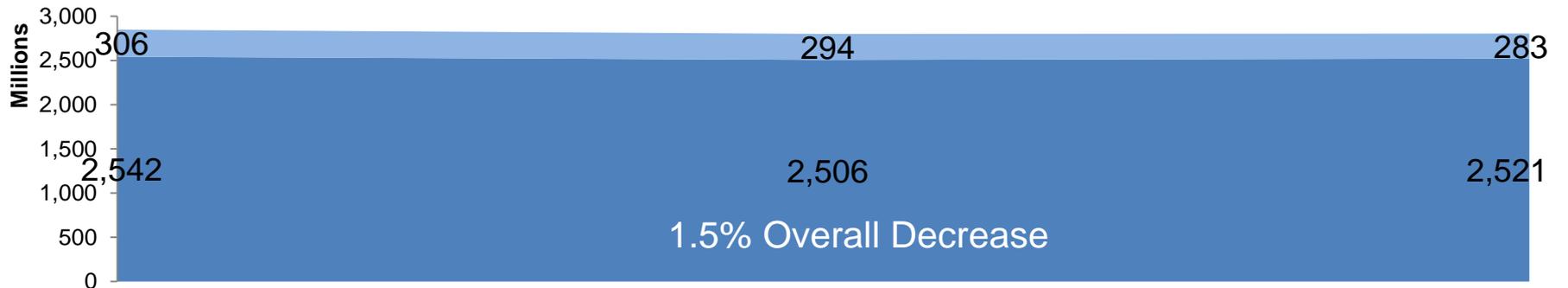


# FRPP – Building Portfolio Data – FY13-FY15

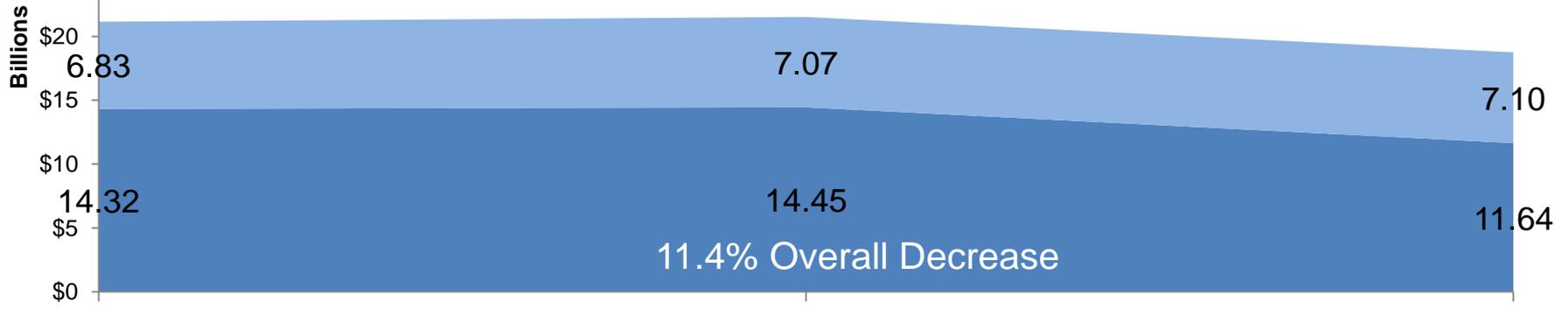
Number of Buildings



Square Footage



Operating Cost



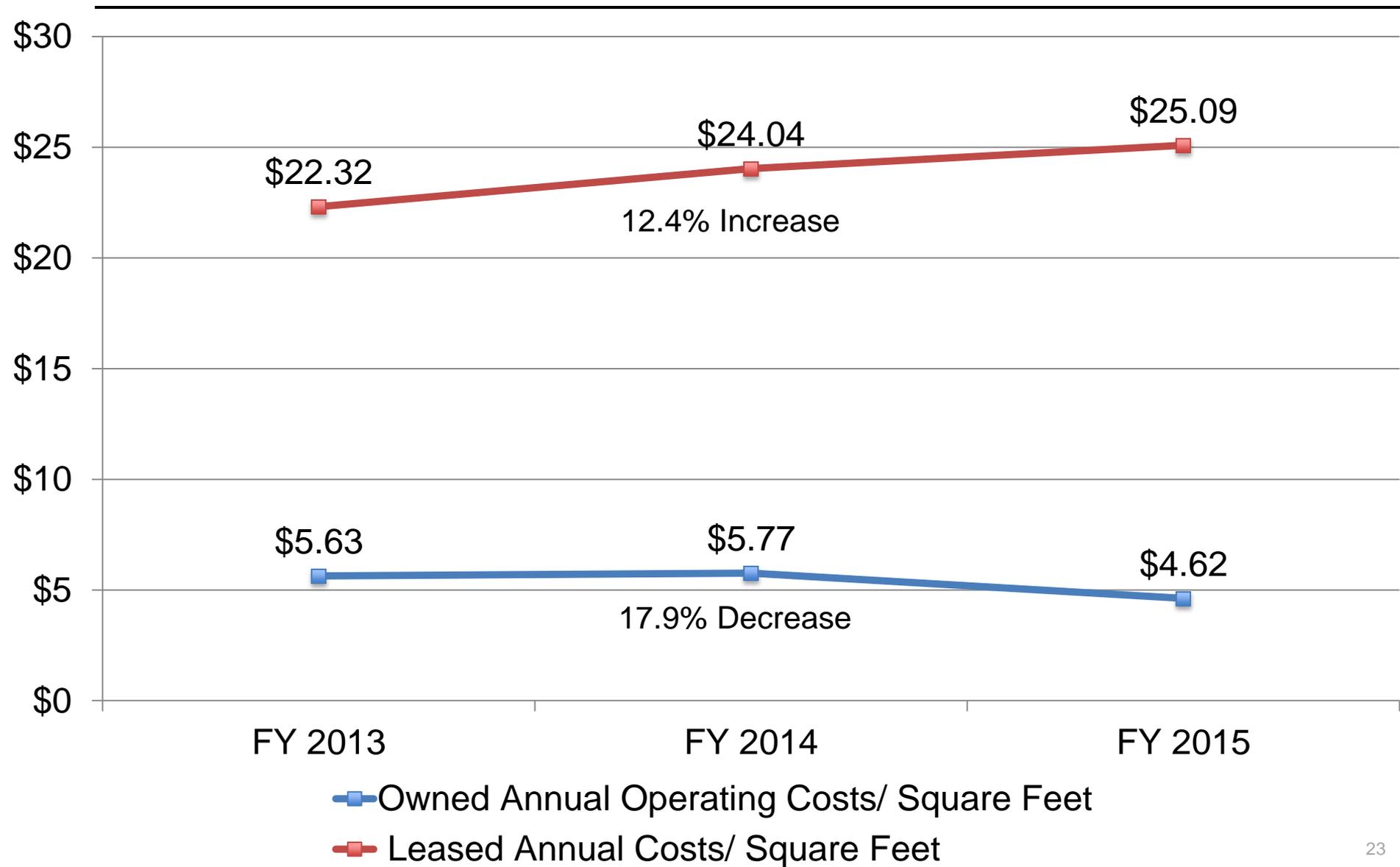
FY2013

FY2014

FY2015

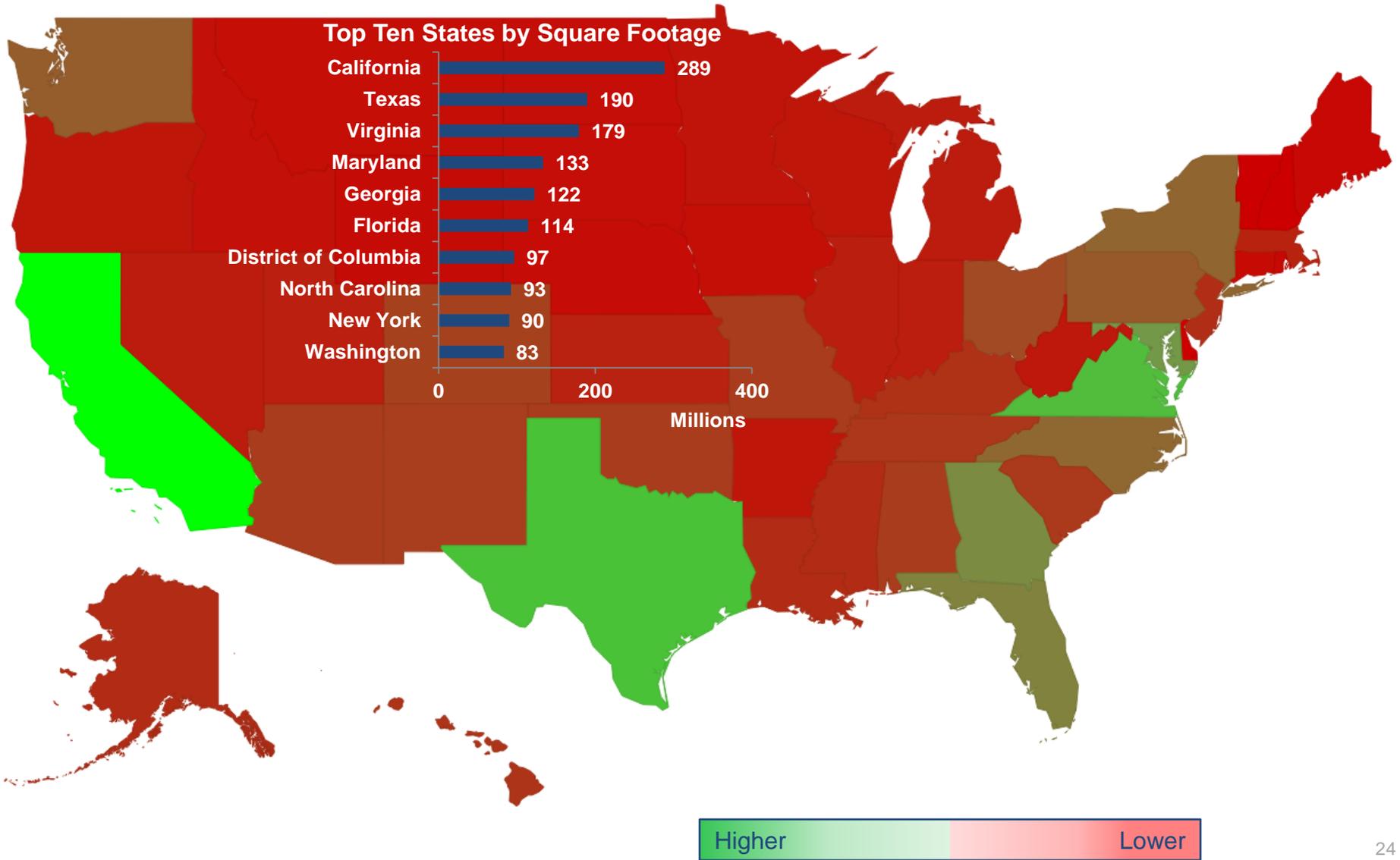


# FRPP – Operating Cost Per Square Foot – FY15



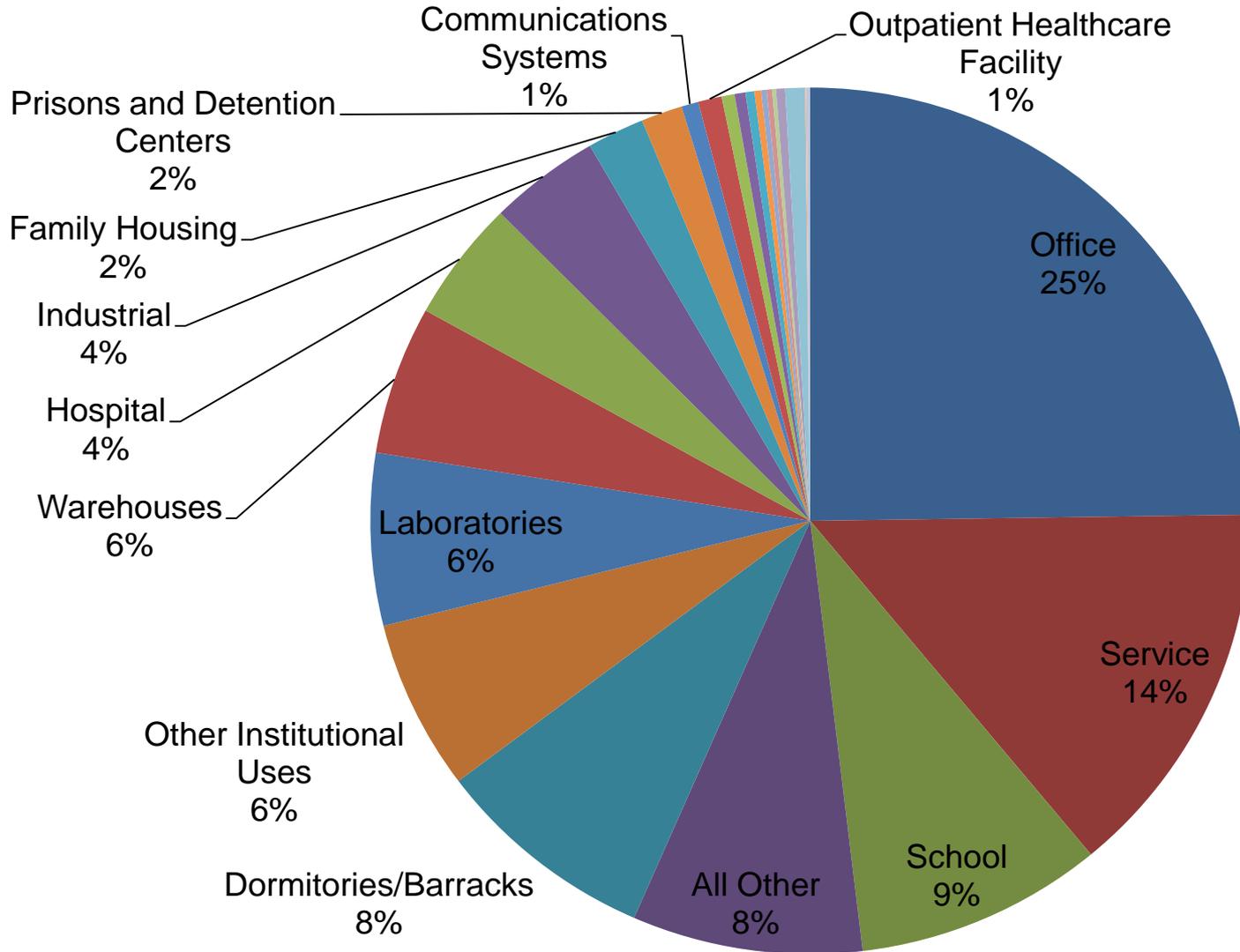


# FRPP – Square Footage – FY15



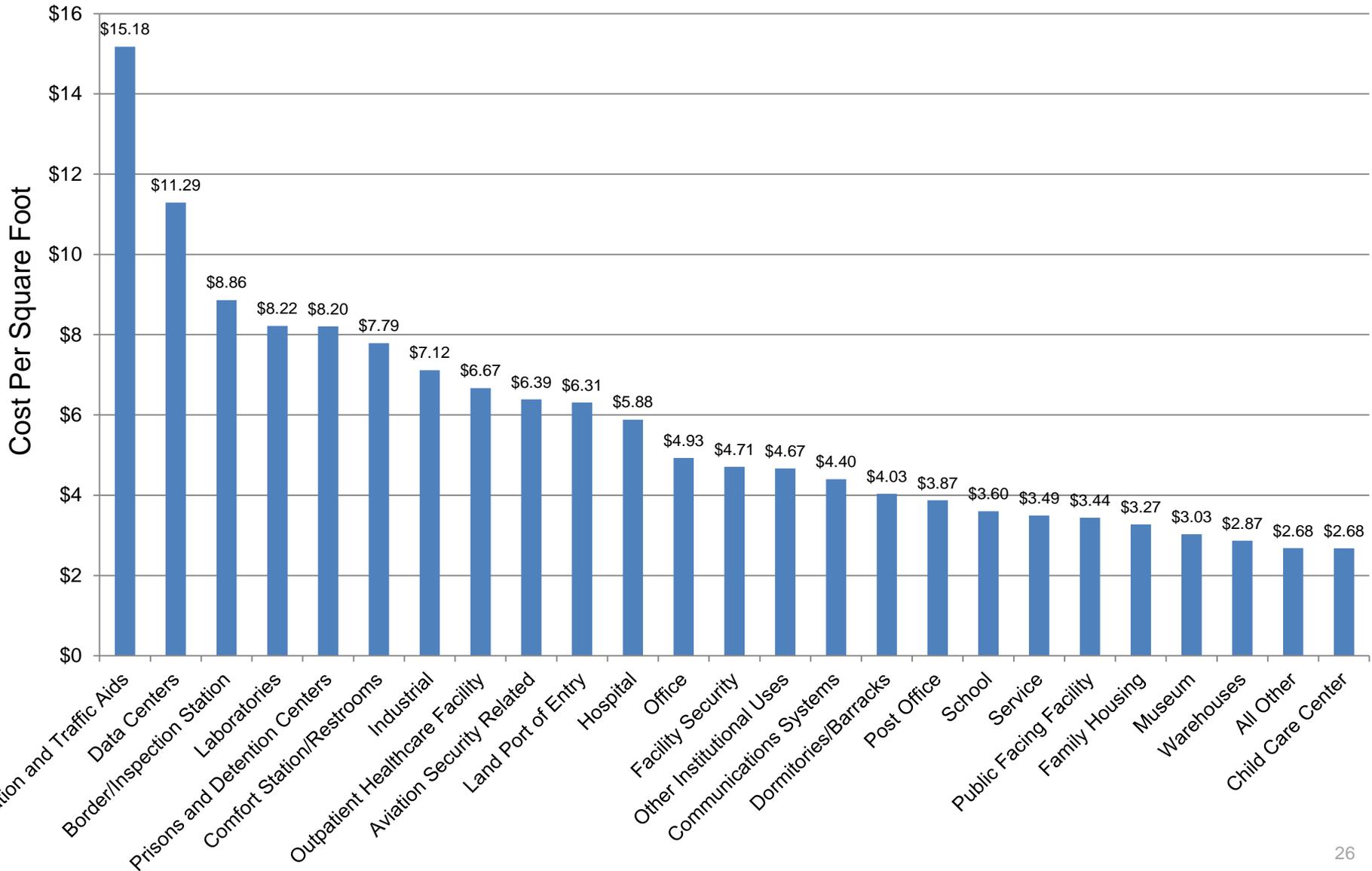


# FRPP – Building Use by Square Footage, Owned and Leased – FY15



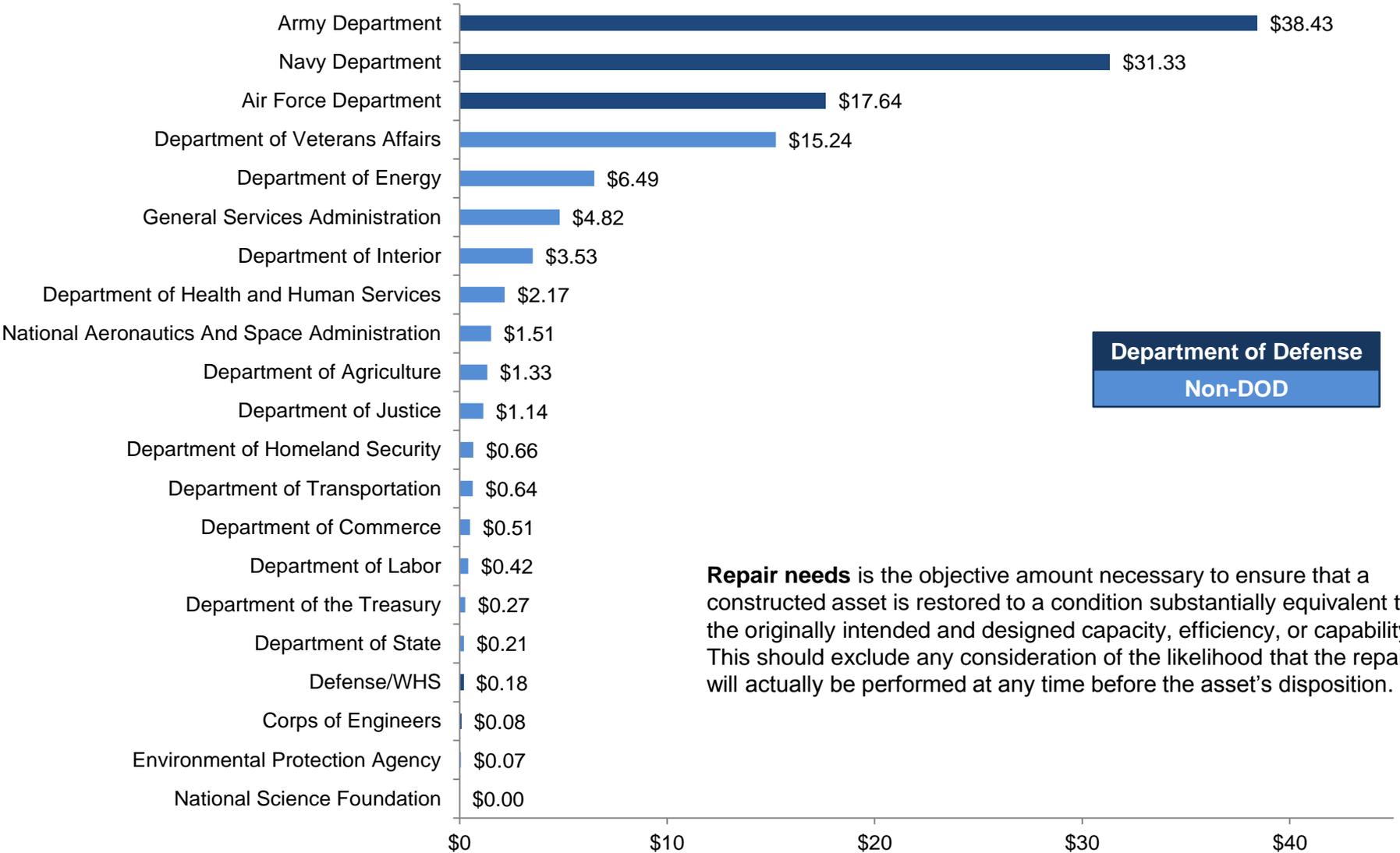


# FRPP – Operating Cost Per Square Foot on Owned Buildings – FY15





# FRPP – Repair Needs for Buildings – FY15



**Repair needs** is the objective amount necessary to ensure that a constructed asset is restored to a condition substantially equivalent to the originally intended and designed capacity, efficiency, or capability. This should exclude any consideration of the likelihood that the repair will actually be performed at any time before the asset's disposition.



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