



Personal Services MARA Beige Module

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MODEL OVERVIEW

OBJECTIVES

- Accurately forecast personal services expenditures out to FY 2050
- Provide historical views of personal services expenditure data, positions budgeted (formerly full-time equivalent, FTE), and operating expenses in relation to personal services

DATA SOURCES

- Montana Statewide Accounting, Budgeting and Human Resources (SABHRS) Financial Data
- Montana SABHRS Positions Budgeted Data
- S&P Global (Formerly IHS) Population, CPI , and Personal Income Data

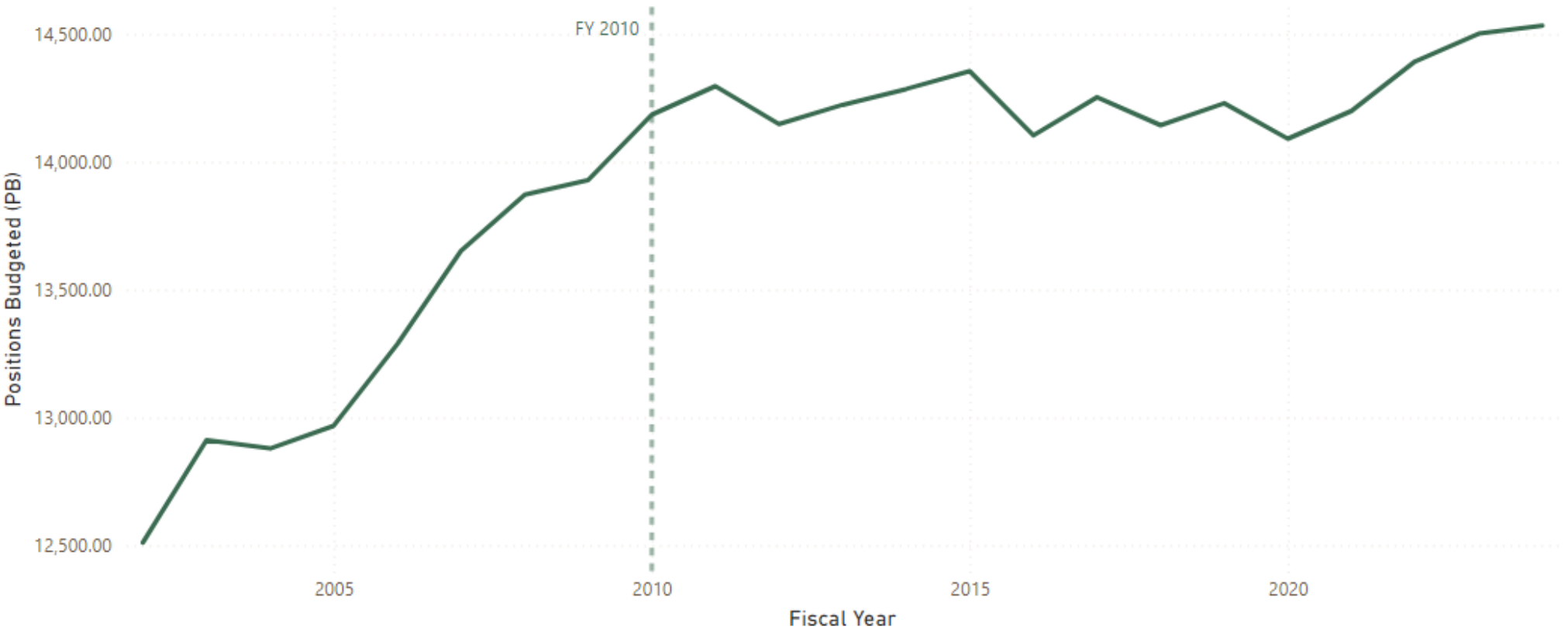


Historical Positions Budgeted

Agency

Division

Source of Authority



Rates of Growth

13.4%

Total Growth Rate 2002-2010

2.5%

Total Growth Rate 2010-2024

1.4%

Average Growth Rate 2003-2010

0.2%

Average Growth Rate 2010-2024

Historical Budgeted Positions

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
12,510.59	12,911.66	12,878.66	12,967.87	13,287.41	13,651.54	13,871.40	13,928.97	14,184.88	14,296.53	14,148.04	14,223.70	14,285.41	14,355.04	14,103.7

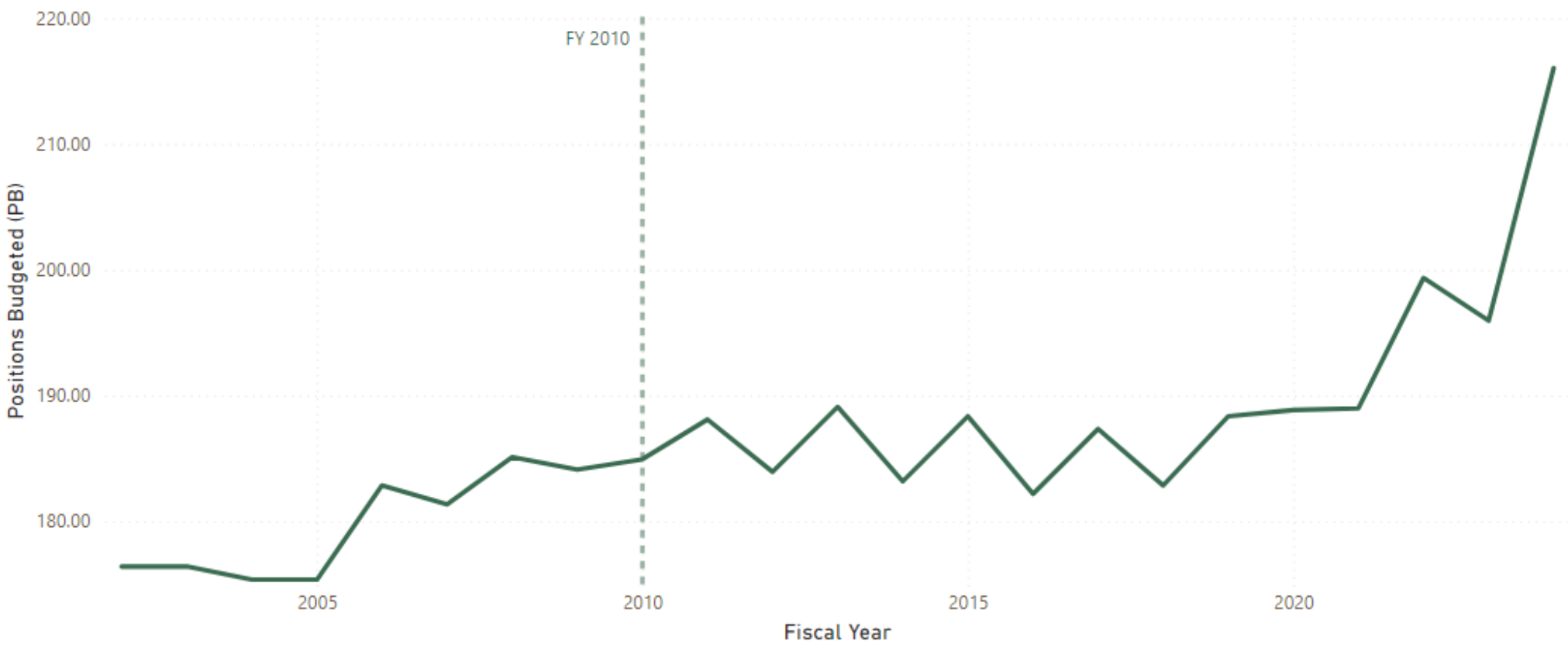


Historical Positions Budgeted

Agency

Division

Source of Authority



Rates of Growth

4.8%
Total Growth Rate 2002-2010

16.8%
Total Growth Rate 2010-2024

0.7%
Average Growth Rate 2003-2010

1.1%
Average Growth Rate 2010-2024

Historical Budgeted Positions

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
176.40	176.40	175.35	175.35	182.85	181.35	185.10	184.10	184.93	188.10	183.93	189.10	183.18	188.35	182.18	187.35	182.85	188.35	188.85	188.95



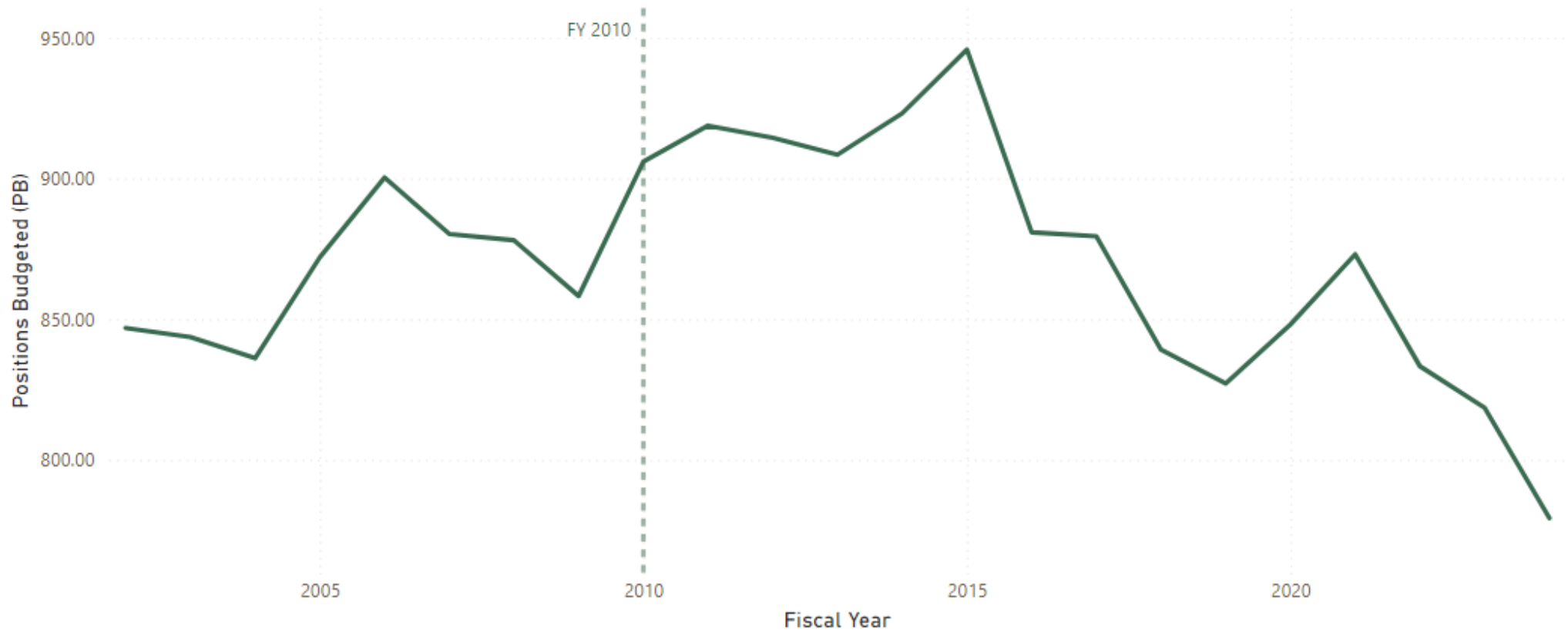
Historical Positions Budgeted

LEGISLATIVE
FISCAL DIVISION

Agency

Division

Source of Authority



Rates of Growth

7.0%

Total Growth Rate 2002-2010

-14.0%

Total Growth Rate 2010-2024

1.0%

Average Growth Rate 2003-2010

-1.1%

Average Growth Rate 2010-2024

Historical Budgeted Positions

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
846.88	843.63	836.14	871.98	900.38	880.33	878.08	858.24	906.00	918.83	914.48	908.50	923.18	945.89	880.90	879.51	839.13	827.15	848.16	873.09



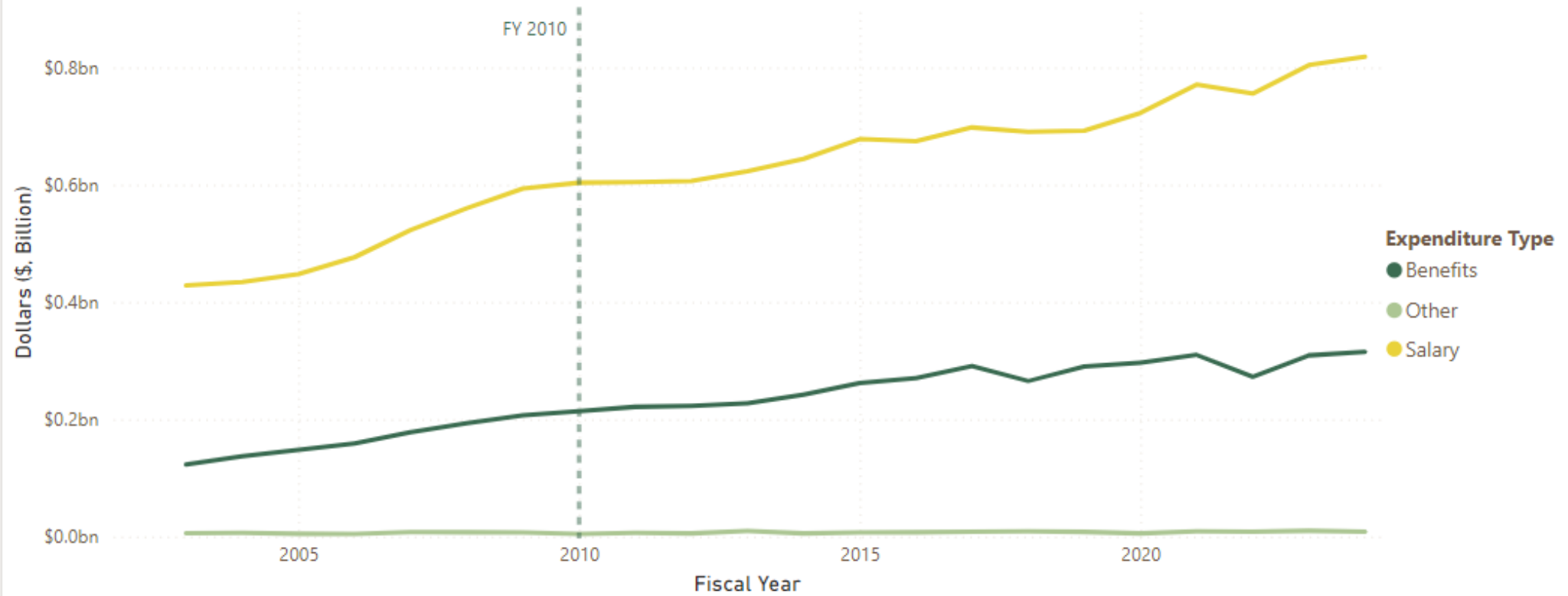
Historical Personal Services Expenditures

LEGISLATIVE FISCAL DIVISION

Agency

Division

Source of Authority



Rates of Growth

47.6%

Total Growth Rate 2003-2010

38.8%

Total Growth Rate 2010-2024

5.7%

Ave. Growth Rate 2003-2010

2.4%

Ave. Growth Rate 2010-2024

Expenditure Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Salary	\$428,269,813	\$434,282,581	\$447,783,741	\$476,445,395	\$522,809,553	\$559,992,937	\$593,481,156	\$603,501,541	\$604,673,553	\$606,...
Benefits	\$122,820,755	\$137,139,364	\$147,681,722	\$158,986,280	\$178,147,272	\$193,493,100	\$206,787,538	\$214,075,148	\$221,253,608	\$222,...
Other	\$5,817,992	\$6,375,463	\$4,817,467	\$4,555,468	\$7,509,083	\$7,266,377	\$7,063,978	\$4,641,714	\$6,505,680	\$5,...
Total	\$556,908,560	\$577,797,408	\$600,282,930	\$639,987,142	\$708,465,907	\$760,752,414	\$807,332,673	\$822,218,402	\$832,432,840	\$834,5...



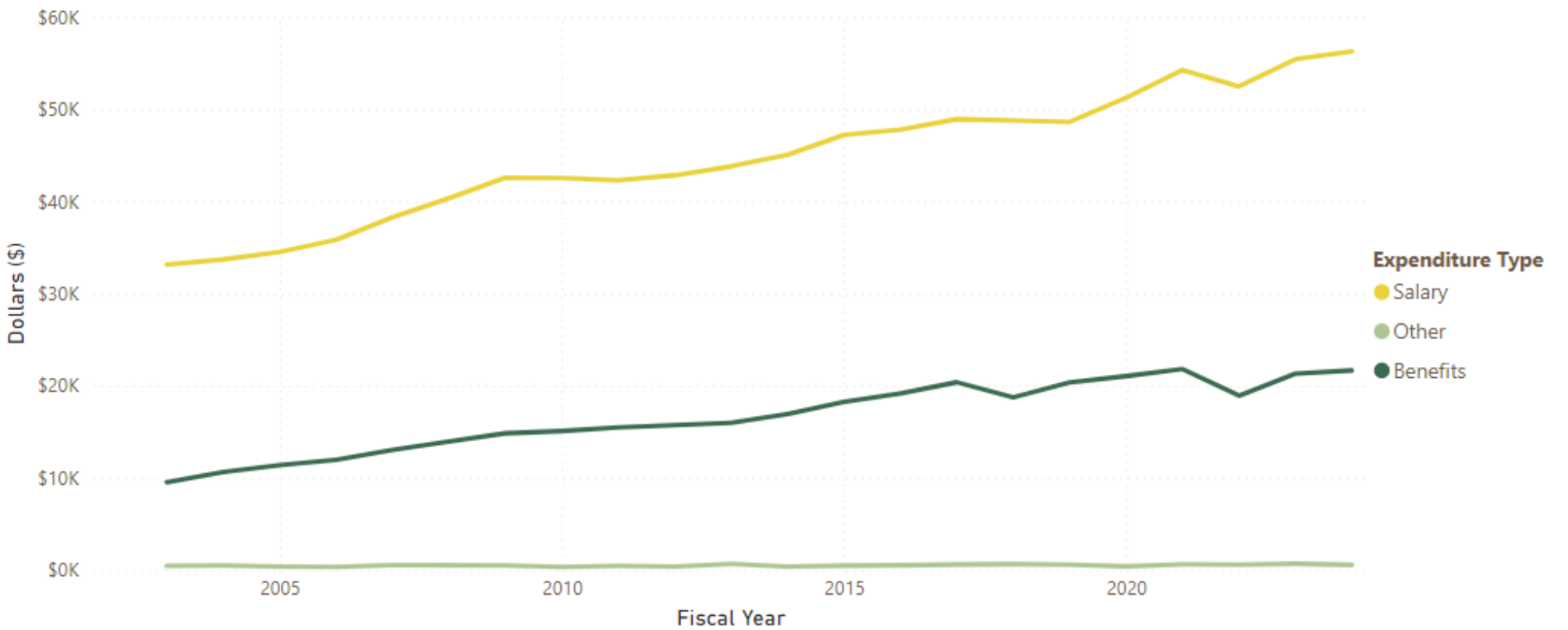
LEGISLATIVE
FISCAL DIVISION

Historical Average Cost Per Positions Budgeted

Agency

Division

Source of Authority



Average Total Compensation Per Positions Budgeted
\$43,132 FY 2003
\$60,463 FY 2013
\$78,526 FY 2024

Expenditure Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Benefits	\$9,512	\$10,649	\$11,388	\$11,965	\$13,050	\$13,949	\$14,846	\$15,092	\$15,476	\$15,743	\$15,980	\$16,930	\$18,242	\$19,155	\$20,386	\$18,766	\$20,373	\$21,050	\$21,811
Other	\$451	\$495	\$371	\$343	\$550	\$524	\$507	\$327	\$455	\$385	\$662	\$384	\$481	\$517	\$594	\$644	\$566	\$389	\$634
Salary	\$33,169	\$33,721	\$34,530	\$35,857	\$38,297	\$40,370	\$42,608	\$42,545	\$42,295	\$42,861	\$43,821	\$45,083	\$47,226	\$47,797	\$48,952	\$48,795	\$48,651	\$51,278	\$54,279
Total	\$43,132	\$44,865	\$46,290	\$48,165	\$51,896	\$54,843	\$57,961	\$57,964	\$58,226	\$58,989	\$60,463	\$62,397	\$65,949	\$67,469	\$69,932	\$68,205	\$69,590	\$72,717	\$76,725

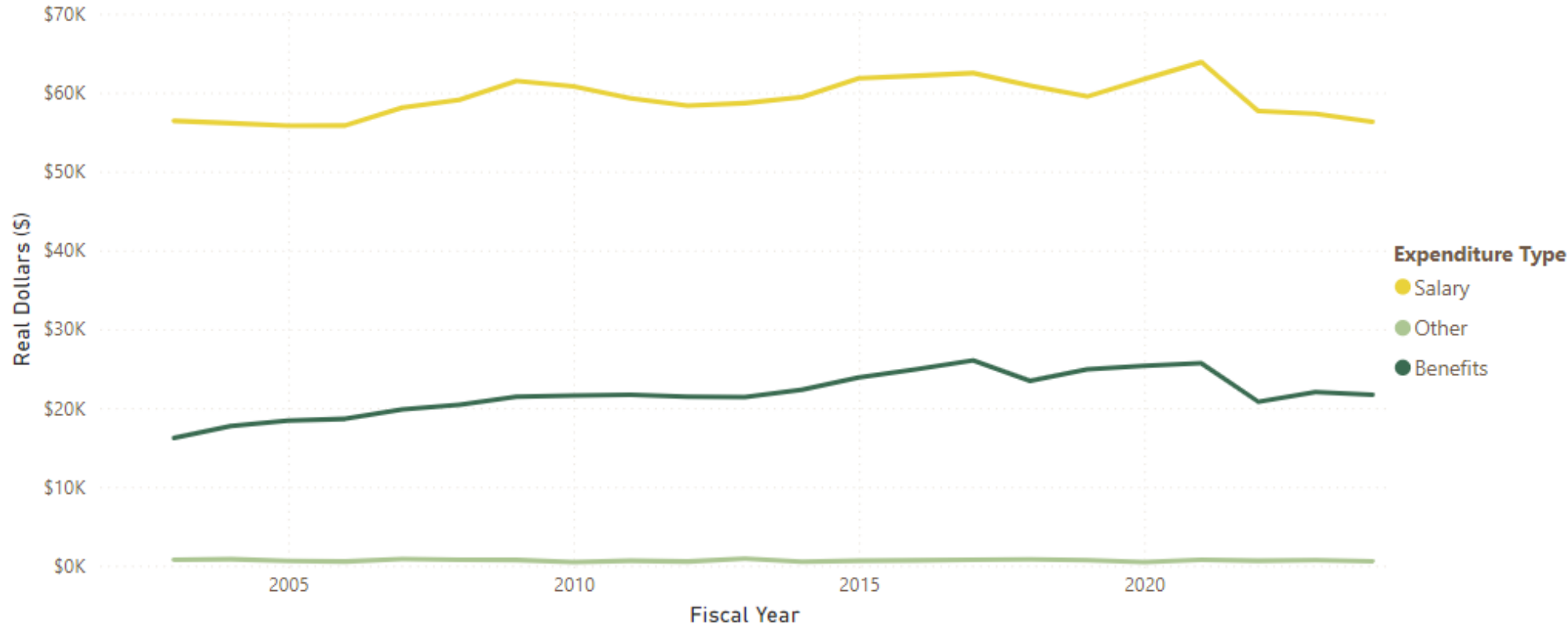


Average Cost Per Positions Budgeted Forecast - Real Dollars (FY 2024)

Agency

Division

Source of Authority



Average Total Compensation Per Positions Budgeted

\$73,364

FY 2003

\$80,931

FY 2013

\$78,526

FY 2024

Expenditure Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Benefits	\$16,180	\$17,721	\$18,400	\$18,628	\$19,802	\$20,409	\$21,421	\$21,564	\$21,683	\$21,428	\$21,389	\$22,314	\$23,873	\$24,902	\$26,018	\$23,424	\$24,915	\$25,342	\$25,671
Other	\$766	\$824	\$600	\$534	\$835	\$766	\$732	\$468	\$638	\$524	\$886	\$506	\$629	\$672	\$758	\$804	\$692	\$468	\$747
Salary	\$56,418	\$56,119	\$55,789	\$55,824	\$58,112	\$59,067	\$61,479	\$60,791	\$59,258	\$58,337	\$58,656	\$59,420	\$61,803	\$62,137	\$62,477	\$60,907	\$59,498	\$61,733	\$63,886
Total	\$73,364	\$74,664	\$74,789	\$74,985	\$78,748	\$80,243	\$83,633	\$82,823	\$81,579	\$80,290	\$80,931	\$82,241	\$86,305	\$87,712	\$89,252	\$85,135	\$85,105	\$87,543	\$90,304



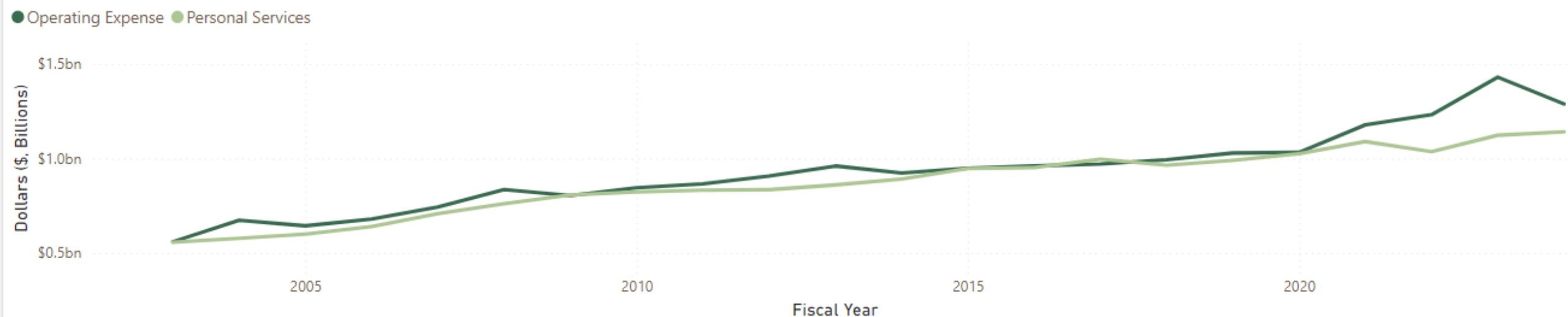
Personal Services vs. Operating Expenditures

Agency

Division

Source of Authority

Personal Services vs. Operating Expenses



Top Operating Expenditure Categories

FY 2022		FY 2023		FY 2024	
Expense Type	Operating Expenditure	Expense Type	Operating Expenditure	Expense Type	Operating Expenditure
Consult & Prof Services	\$240,134,946	Consult & Prof Services	\$284,477,466	Consult & Prof Services	\$232,981,415
Merchandise	\$121,311,724	Merchandise	\$124,751,834	Merchandise	\$115,030,356
Board & Room	\$75,376,738	IT Consult & Prof Services	\$100,173,097	IT Consult & Prof Services	\$87,091,775
IT Consult & Prof Services	\$74,871,439	Board & Room	\$84,199,718	Board & Room	\$84,026,519
Software Maintenance	\$40,588,837	Equipment - Manned & Fueled	\$60,496,347	Loans Made	\$56,554,965
FIRE SUPPR SERVICES-ACCRUED	\$32,570,838	Loans Made	\$57,096,238	Temporary Services	\$51,693,458
Total	\$1,231,686,295	Total	\$1,430,303,883	Total	\$1,288,357,645



Personal Services vs. Operating Expenditures

Agency

69010 PUBLIC HEALTH AND HUMAN SERVICES

Division

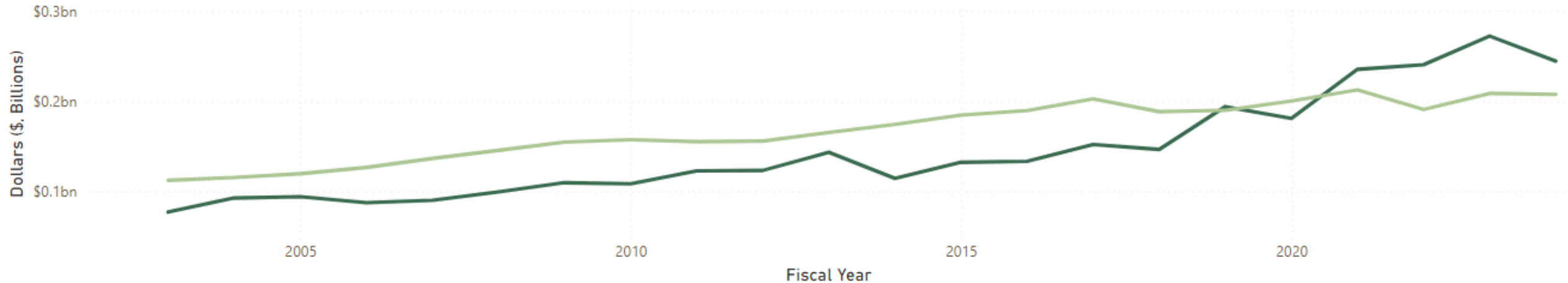
All

Source of Authority

All

Personal Services vs. Operating Expenses

● Operating Expense ● Personal Services



Top Operating Expenditure Categories

FY 2022

Expense Type	Operating Expenditure
Consult & Prof Services	\$66,386,941
IT Consult & Prof Services	\$60,751,364
Misc. Medical Services	\$23,885,525
Laboratory Equip & Supplies	\$14,518,530
Fee Collection Expense	\$5,864,250
Temporary Services	\$3,612,747
Total	\$240,542,187

FY 2023

Expense Type	Operating Expenditure
Consult & Prof Services	\$87,581,321
IT Consult & Prof Services	\$66,290,386
Temporary Services	\$27,515,344
Misc. Medical Services	\$11,919,999
Minor Tools, Instrum., & Equip	\$10,743,148
Medical Services	\$3,522,911
Total	\$272,240,373

FY 2024

Expense Type	Operating Expenditure
IT Consult & Prof Services	\$70,167,879
Consult & Prof Services	\$50,277,387
Temporary Services	\$48,347,528
Minor Tools, Instrum., & Equip	\$11,065,231
ITSD Enterprise Services	\$3,309,353
ITSD Asset Broker	\$3,107,468
Total	\$244,552,554



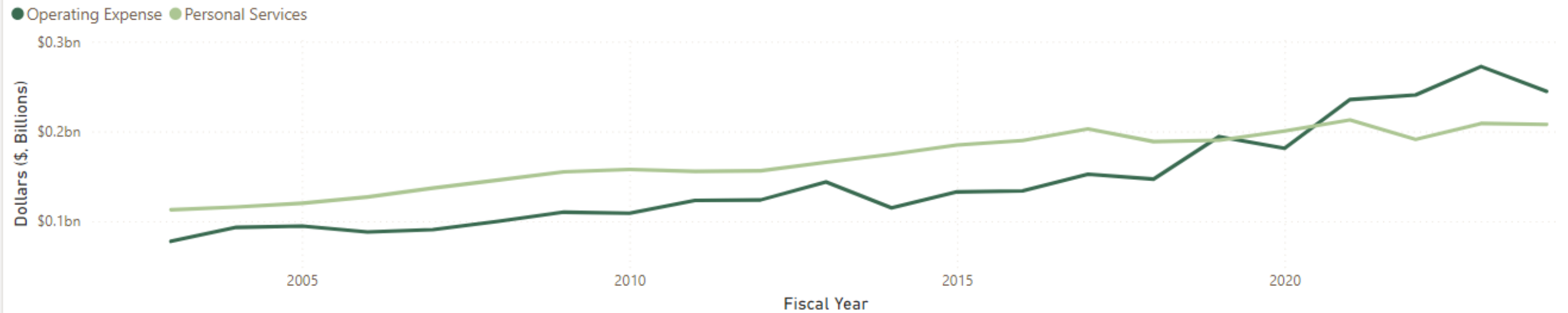
Personal Services vs. Operating Expenditures

Agency
69010 PUBLIC HEALTH AND HUMAN SERVICES

Division
All

Source of Authority
All

Personal Services vs. Operating Expenses



Top Operating Expenditure Categories

FY 2022		FY 2023		FY 2024	
Expense Type	Operating Expenditure	Expense Type	Operating Expenditure	Expense Type	Operating Expenditure
Consult & Prof Services	\$66,386,941	Consult & Prof Services	\$87,581,321	IT Consult & Prof Services	\$70,167,879
IT Consult & Prof Services	\$60,751,364	IT Consult & Prof Services	\$66,290,386	Consult & Prof Services	\$50,277,387
Misc. Medical Services	\$23,885,525	Temporary Services	\$27,515,344	Temporary Services	\$48,347,528
Laboratory Equip & Supplies	\$14,518,530	Misc. Medical Services	\$11,919,999	Minor Tools, Instrum., & Equip	\$11,065,231
Fee Collection Expense	\$5,864,250	Minor Tools, Instrum., & Equip	\$10,743,148	ITSD Enterprise Services	\$3,309,353
Temporary Services	\$3,612,747	Medical Services	\$3,522,911	ITSD Asset Broker	\$3,107,468
Total	\$240,542,187	Total	\$272,240,373	Total	\$244,552,554



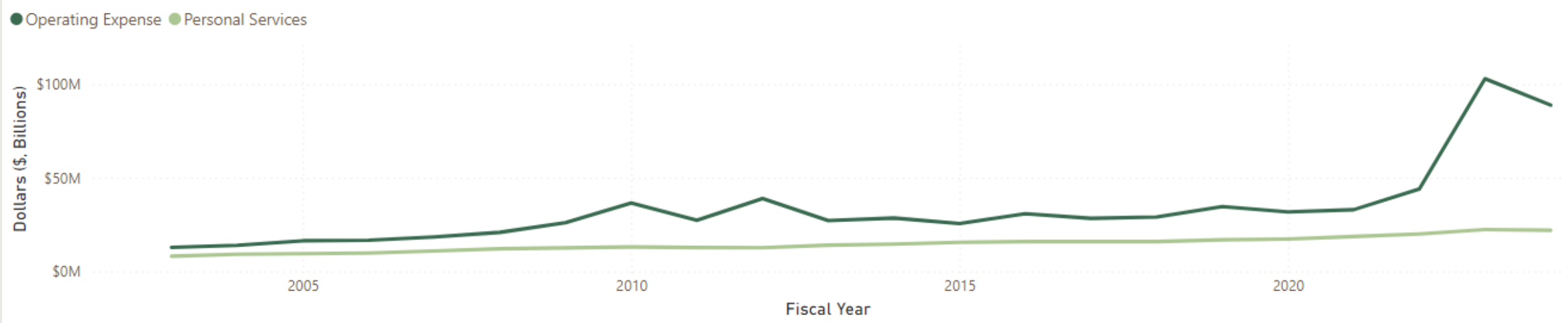
Personal Services vs. Operating Expenditures

Agency
65010 COMMERCE

Division
All

Source of Authority
All

Personal Services vs. Operating Expenses



Top Operating Expenditure Categories

FY 2022		FY 2023		FY 2024	
Expense Type	Operating Expenditure	Expense Type	Operating Expenditure	Expense Type	Operating Expenditure
Consult & Prof Services	\$18,170,198	Loans Made	\$56,797,008	Loans Made	\$56,269,064
Ads-National Non Recruiting	\$9,344,334	Consult & Prof Services	\$20,847,171	Consult & Prof Services	\$13,783,033
Indirect/Administrative Costs	\$2,629,526	Ads-National Non Recruiting	\$5,124,552	Ads-National Non Recruiting	\$6,157,079
Loans Made	\$1,757,460	Advertising - Non Recruiting	\$3,428,162	Indirect/Administrative Costs	\$2,372,801
Operational Support/Non-D Of A	\$1,494,000	Indirect/Administrative Costs	\$2,925,055	Operational Support/Non-D Of A	\$1,300,000
Data Network Serv/Non-D Of A	\$1,483,458	Operational Support/Non-D Of A	\$1,550,000	Resource Development Distribut	\$930,215
Total	\$44,011,101	Total	\$102,956,018	Total	\$88,827,262

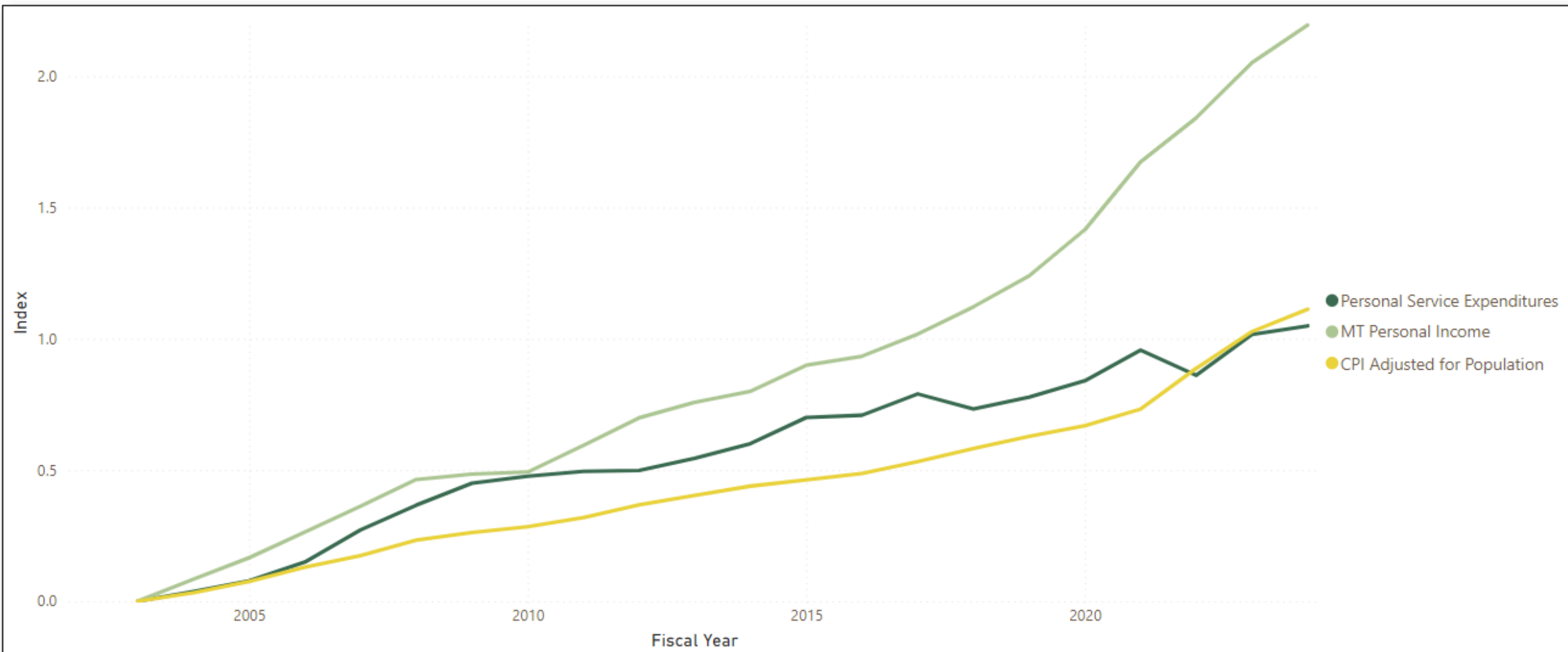


Personal Services Expenditures Index

Agency

Division

Source of Authority





Operating Expenditures Index

Agency

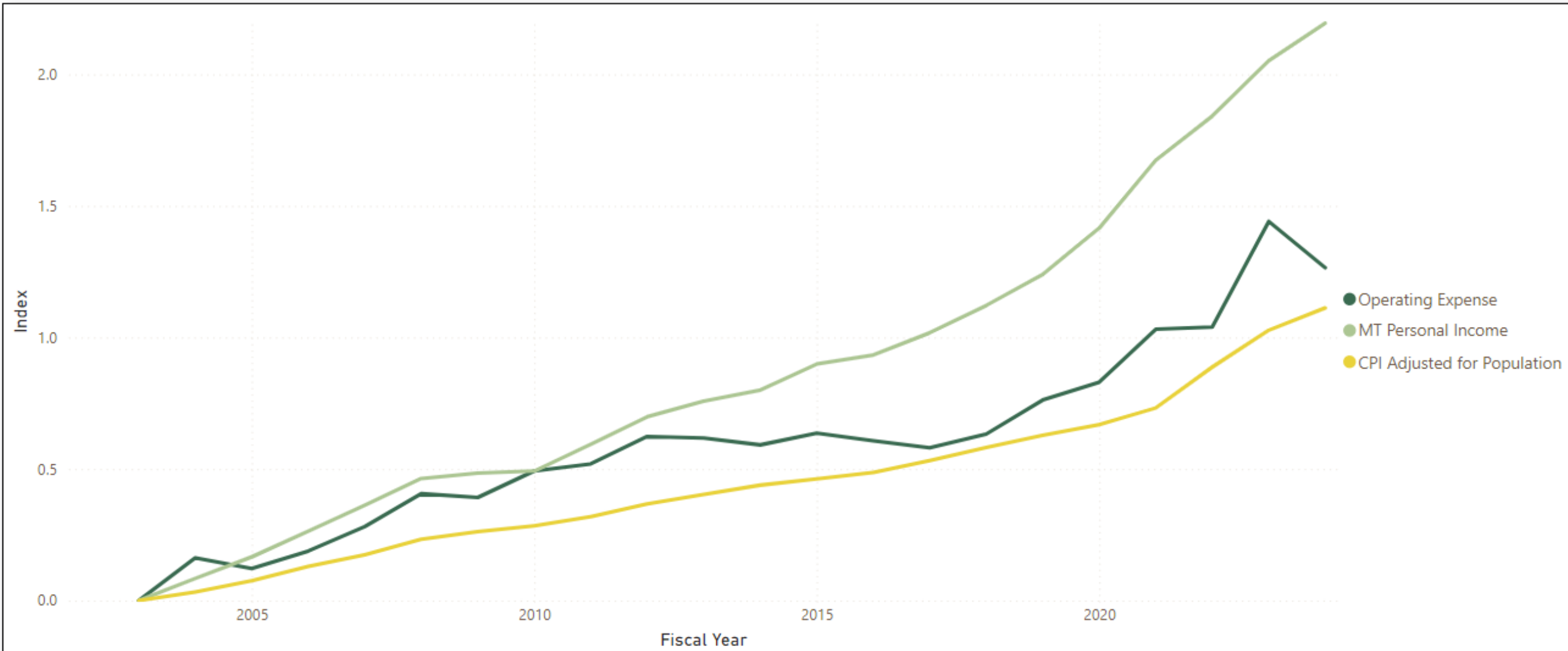
All

Division

All

Source of Authority

All



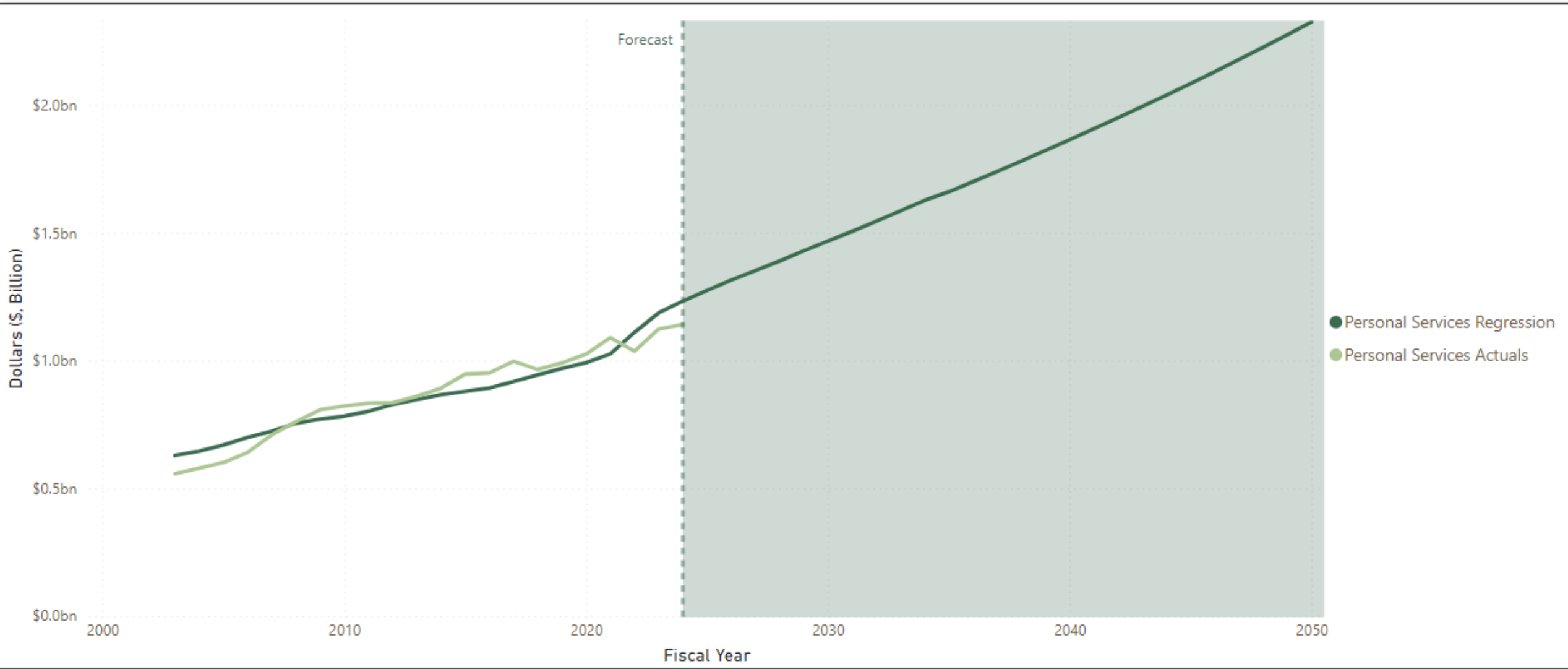


Personal Services Expenditures Forecast

Agency

Division

Source of Authority



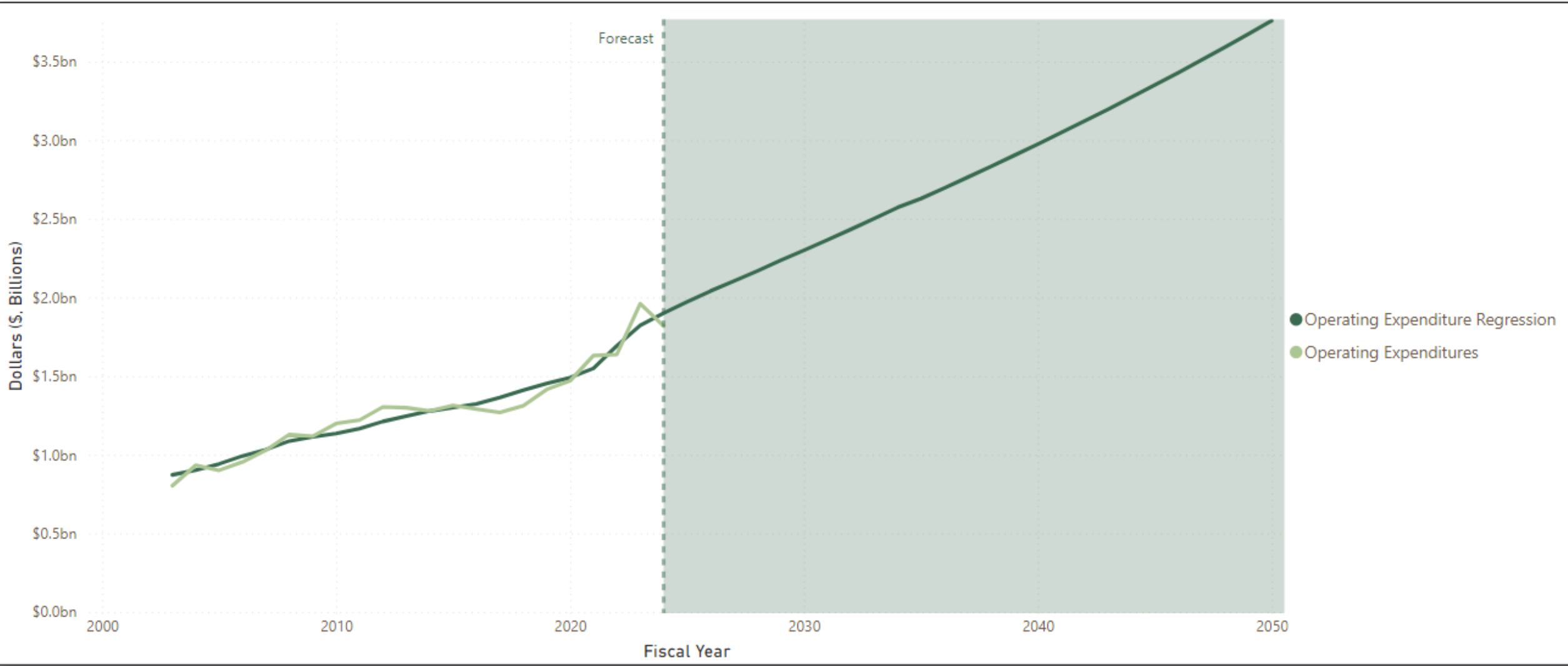


Operating Expenditures Forecast

Agency

Division

Source of Authority



Questions?
