

# BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM

DIVISION OF RESERVE BANK OPERATIONS AND PAYMENT SYSTEMS

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## 2015 Reserve Bank Budgets

### Action

On December 16, 2014, the Board approved the 2015 Reserve Bank operating budgets totaling \$3,968.7 million, an increase of \$205.2 million, or 5.5 percent, from the 2014 estimated expenses and \$173.0 million, or 4.6 percent, from the approved 2014 budget.<sup>1</sup> The Board also approved the 2015 Reserve Bank, Federal Reserve Information Technology (FRIT), and the Office of Employee Benefits (OEB) capital budgets, which total \$454.0 million.

The capital budgets are approved with the understanding that approval for actual capital outlays will be in accordance with the Board's Policies and Guidelines Concerning Reserve Bank Operations (FRAM 1-049). This policy states that Reserve Bank management may approve capital commitments for purchases or leases (single-item acquisitions and multicomponent projects) that were included in the Reserve Bank's capital budget approved by the Board, unless the acquisition is designated as strategic or sensitive by the Committee on Federal Reserve Bank Affairs (BAC).<sup>2</sup> The chair of the BAC (or the chair's designee) will notify Reserve Bank management if any budgeted commitments and agreements have been designated as strategic or sensitive and, therefore, require the approval of the director of RBOPS or the Board.

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<sup>1</sup> These expenses include those budgeted by Federal Reserve Information Technology and the Office of Employee Benefits that are chargeable to the Reserve Banks. Expenses exclude assessments for the Board of Governors operating expenses, pension costs, the cost of currency, and the Consumer Financial Protection Bureau.

<sup>2</sup> Generally, strategic capital initiatives are initiatives that substantially affect or influence future System direction, significant research and development efforts or building projects, and certain large-dollar initiatives. Sensitive acquisitions are capital commitments, while important to meeting the Reserve Banks operating needs, represent exceptions to the Bank's strategic plans.

## TOTAL EXPENSE AND EMPLOYMENT SUMMARY

Reserve Bank Expenses and Staffing (dollars in millions)							
	2014 Budget	2014 Estimate	2014 Budget vs 2014 Estimate		2015 Budget	2014 Estimate vs. 2015 Budget	
			Amount	Percent		Amount	Percent
<b>Central Bank</b>	<b>\$2,852.0</b>	<b>\$2,804.8</b>	<b>-\$47.2</b>	<b>-1.7%</b>	<b>\$2,970.5</b>	<b>\$165.7</b>	<b>5.9%</b>
Monetary Policy	424.9	422.1	-2.8	-0.7%	443.7	21.6	5.1%
Open Market	189.2	185.2	-4.0	-2.1%	193.1	7.9	4.3%
Public Programs	201.9	200.7	-1.3	-0.6%	207.8	7.1	3.5%
Supervision	1,189.4	1,167.5	-21.9	-1.8%	1,260.2	92.7	7.9%
Cash	581.7	564.7	-16.9	-2.9%	593.6	28.9	5.1%
Loans to Depository Institutions	78.9	77.8	-1.0	-1.3%	78.1	0.3	0.3%
All Other <sup>†</sup>	186.1	186.9	0.8	0.4%	194.1	7.2	3.9%
<b>Treasury Services</b>	<b>550.2</b>	<b>540.1</b>	<b>-10.0</b>	<b>-1.8%</b>	<b>579.9</b>	<b>39.8</b>	<b>7.4%</b>
<b>Priced Services</b>	<b>393.4</b>	<b>418.5</b>	<b>25.0</b>	<b>6.4%</b>	<b>418.2</b>	<b>-0.2</b>	<b>-0.1%</b>
<b>Total Expense</b>	<b>\$3,795.7</b>	<b>\$3,763.5</b>	<b>-\$32.2</b>	<b>-0.8%</b>	<b>\$3,968.7</b>	<b>\$205.2</b>	<b>5.5%</b>
<i>Total ANP</i>	<i>18,979</i>	<i>18,827</i>	<i>-152</i>	<i>-0.8%</i>	<i>19,295</i>	<i>468</i>	<i>2.5%</i>

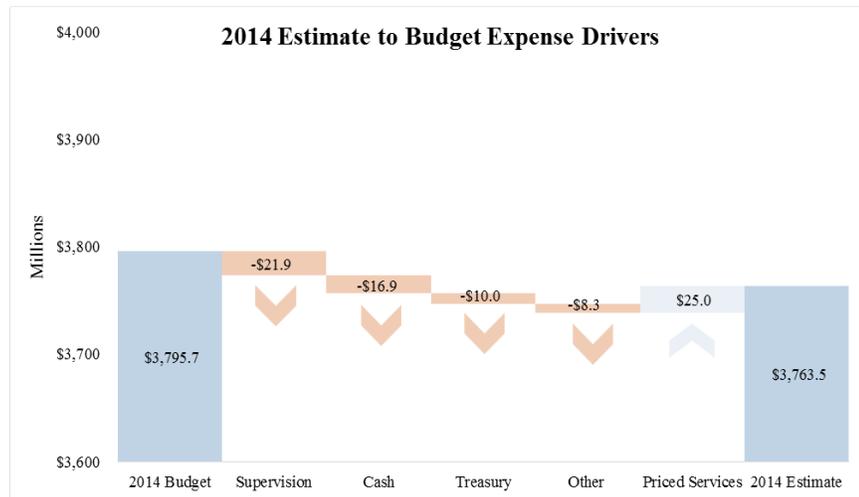
<sup>†</sup>Includes Reserve Accounts and Risk Administration and Services to Other Central Banks

## DISCUSSION

### 2014 Budget Performance

Total 2014 operating expenses for the Reserve Banks are estimated to be \$3,763.5 million, which is \$32.2 million, or 0.8 percent, less than the approved 2014 budget of \$3,795.7 million. Estimated ANP is less than the 2014 budget, largely because of turnover and hiring delays.<sup>3</sup>

The 2014 budget underrun is primarily driven by lower-than-planned expenses for supervision, cash, and Treasury services. In the supervision function, increased turnover, delays in hiring budgeted staff, and a



System initiative to reduce travel led to lower overall expenses. Cash expenses were lower than

<sup>3</sup> ANP is the average number of employees in terms of full-time positions for the period. For instance, a full-time employee who works one-half of the year counts as 0.5 ANP for that calendar year; two half-time employees who work the full year count as 1 ANP.

anticipated because of updated plans for the CashForward project, cash-processing equipment delays, and higher-than-expected recoveries for cross-shipping fees.<sup>4</sup> The underrun in Treasury services is due to decreasing volumes and program changes for several initiatives, including those related to the Treasury Web Application Infrastructure (TWAI). Transition expenses related to the fiscal agent consolidation partially offset this underrun.<sup>5</sup> Increased expenses in the priced services function for the disposition of the FedACH Technology Transition program asset partially offset the other decreases in operating expenses.<sup>6</sup>

Total 2014 estimated employment of 18,827 ANP represents an underrun of 152 ANP, or 0.8 percent, from 2014 budgeted levels of 18,979 ANP. Increased turnover and hiring delays in the supervision function are large drivers of the underrun. In Treasury services, program resource reductions in several Treasury initiatives in response to volume declines are partially offset by staff additions to support the fiscal agent consolidation. Staffing delays in monetary policy and public programs and resource changes, primarily in support and overhead areas, also contribute to the reduction.

<b>Significant Staffing (ANP) Changes 2014 Budget to 2014 Estimate</b>	
<b>2014 Budget</b>	<b>18,979</b>
Supervision	-78
Treasury	-47
Monetary Policy & Public Programs	-29
Other	2
<b>2014 Estimate</b>	<b>18,827</b>

### **2015 Budgeted Operating Expenses**

The 2015 operating budgets of the Reserve Banks total \$3,968.7 million, which is \$205.2 million, or 5.5 percent, higher than the 2014 estimate. The largest increase is in the supervision function, which represents approximately one-third of total expenses budgeted in 2015. The growth in supervision is driven by expanded supervisory responsibilities, primarily for large financial institutions, and national supervision initiatives.

<sup>4</sup> The CashForward initiative will replace legacy software applications, automate business processes, and employ technologies to meet current and future needs for the cash function. Phase 1 was completed in 2010 and Phase 2 was completed in July 2012. The project's planned completion date is in 2017.

<sup>5</sup> In April 2014, the Treasury announced the consolidation of the fiscal agent services provided by the Federal Reserve Banks as part of the Federal Government's effort to increase operational efficiency and effectiveness. Although Treasury anticipates long-term savings, an expense increase is projected for 2014 and 2015 as services are transitioned from ten sites to four consolidated sites over the next several years. Select business lines began transitioning in 2014, and increased expenses are primarily for severance and retention payments in exiting Banks.

<sup>6</sup> The Reserve Banks have been engaged in a multiyear technology initiative to modernize the FedACH processing platform by migrating the service from a mainframe system to a distributed computing environment. In late 2013, the Reserve Banks conducted an assessment focused on the viability and cost-effectiveness of the program. As a result, the Reserve Banks suspended the program in 2014 and began to investigate the use of other technology solutions.

Budgeted expenses for services to the Treasury, which are fully reimbursable, are increasing primarily to support the expansion of the TWAI (\$15.3 million), and as a result of the Treasury fiscal agent consolidation (\$8.2 million). Additional growth budgeted in 2015 related to application development and technology modernization for several Treasury initiatives is partially offset by anticipated operational efficiencies due to decreased processing volumes.

In the monetary policy and public programs areas, several Reserve Banks are adding resources to meet

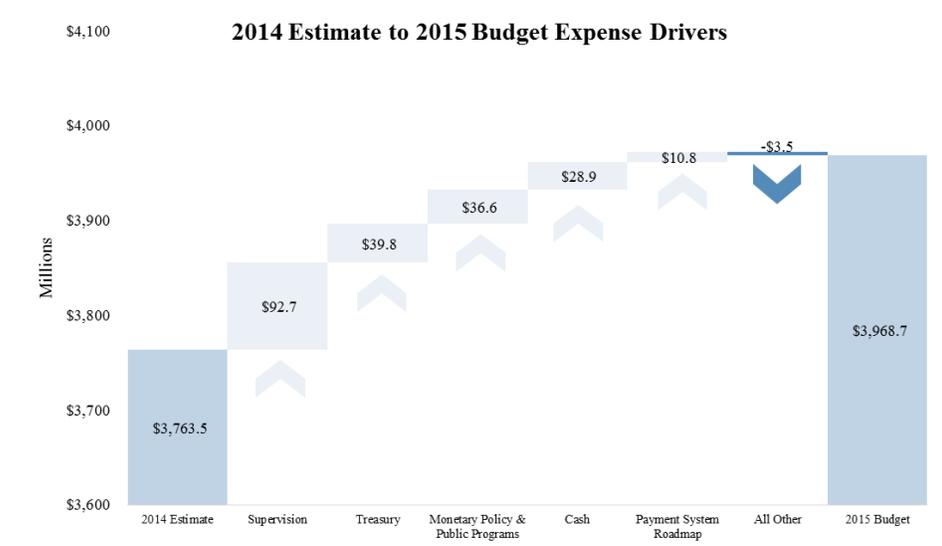
policy, research, and outreach demands, including investments in analytical and assessment capacity.

Increases in cash expenses

include the completion of development work and the start of quality assurance testing for the CashForward project. In addition, support costs are projected to increase for law enforcement and video surveillance systems (VSS).

Pending Board approval, the Federal Reserve System, which has conducted careful study and received extensive public input on the topic, plans to pursue and to fund a set of strategies to improve the payment system in the United States.<sup>7</sup>

Other expenses are expected to decline because of the disposition of the FedACH Technology Transition program asset in 2014, partially offset by increases for the Fedwire modernization program.<sup>8</sup>



<sup>7</sup> Among other things, the System’s payment strategies call for a new U.S. payment infrastructure to support a safer, faster payment capability that promotes efficient commerce, facilitates innovation, reduces fraud, and improves public confidence; and accelerated development and adoption of enhanced payment security standards.

<sup>8</sup> The Fedwire Modernization initiative involves the transition of the Fedwire Funds and Fedwire Securities applications from the legacy mainframe environment to a distributed platform.

## 2015 Personnel Expenses and Staffing

Total 2015 budgeted employment for the Reserve Banks, FRIT, and OEB is 19,295 ANP, an increase of 468 ANP, or 2.5 percent, from 2014 estimated staff levels. The increase is primarily driven by supervision, Treasury, and information technology (IT) functions. Supervision ANP is increasing as resources are added to support expanded supervisory responsibilities, primarily for large financial institutions. In the Treasury function, personnel are added for planning and knowledge transfer as part of the fiscal agent consolidation and for ongoing projects.

IT staff is increasing to support application development projects primarily for the Supervision and Treasury functions, offset by a reduction in development work for the CashForward project. Additional IT increases are for information security efforts. Staff is also increasing to support monetary policy and public programs, for the Fedwire modernization program, and for other support areas across the System.

<b>Significant Staffing (ANP) Changes</b>	
<b>2014 Estimate to 2015 Budget</b>	
<b>2014 Estimate</b>	<b>18,827</b>
Supervision	129
Treasury	111
Information Technology	81
Monetary Policy & Public Programs	50
Cash	49
Other	48
<b>2014 Budget</b>	<b>19,295</b>

Reserve Bank officer and staff salaries and other personnel expenses for 2015 total \$2,259.7 million, an increase of \$124.9 million, or 5.9 percent, from 2014 estimated expenses. The increase reflects expenses associated with additional staff and budgeted salary adjustments, including merit increases, equity adjustments, promotions, and funding for variable pay.

The 2015 Reserve Bank budgets reflect a 3.0 percent merit program for eligible officers, senior professionals, and staff totaling \$53.1 million. Equity adjustments and promotions total \$8.5 million for officers and senior professionals and \$22.8 million for staff. Funding for variable pay programs for officers, senior professionals, and staff totals \$170.7 million.

## 2015 Operating expenses, net of revenue and reimbursements

More than 26 percent of Reserve Bank expenses in the 2015 budget are offset by either priced service

revenues (10.4 percent)

or reimbursable claims

for services provided to

the Treasury and other

agencies (15.8 percent).<sup>9</sup>

Budgeted 2015 operating

expenses, net of revenue and reimbursements, are expected to increase \$167.8 million, or 6.1 percent, from 2014 estimated expenses. Budgeted 2014 priced services revenue is 3.6 percent lower than the 2014 estimated level, driven largely by continued declines in check volume as customers shift to other payment methods. Reimbursable claims are expected to increase 9.2 percent in 2015, reflecting increased activity on new or expanded Treasury services.

	Change in Net Expenses (dollars in millions)				
	2014 Budget	2014 Estimate	2015 Budget	Percent Change	
				14B vs. 14E	14E vs. 15B
Total Expense	\$3,795.7	\$3,763.5	\$3,968.7	-0.8%	5.5%
Less:					
Priced Services Revenue*	423.6	429.9	414.4	1.5%	-3.6%
Reimbursable Claims	569.1	573.1	626.1	0.7%	9.2%
<b>Net Expenses</b>	<b>\$2,803.0</b>	<b>\$2,760.4</b>	<b>\$2,928.2</b>	<b>-1.5%</b>	<b>6.1%</b>

\*Full cost recovery is projected in the aggregate for priced services in 2014.

## 2015 Capital Budgets

The 2015 capital budgets submitted by the Reserve Banks, FRIT, and OEB total \$454.0 million. The increase in the 2015 capital budget is \$44.6 million, or 10.9 percent, above the 2014 estimated levels of \$409.4 million, largely reflecting ongoing multiyear building and infrastructure and automation projects. New initiatives in the 2015 capital budget support workplace renovations and optimization projects, conference facilities, and expanded infrastructure for the TWAI (\$35.6 million). In support of the Reserve Bank strategies, the 2015 budgets include three major categories of capital initiatives: Reserve Bank automation/IT projects, building and infrastructure, and Treasury initiatives.

### *Automation/IT*

The Reserve Banks, FRIT, and OEB included \$193.0 million in funding for major IT initiatives and Reserve Bank automation projects. About 25 percent of the automation capital

<sup>9</sup> Reimbursable claims include the expenses of fiscal agency and depository services provided to the U.S. Treasury, other government agencies, and other fiscal principals. Reimbursable claims are slightly higher than Treasury service expenses shown in table 1 because the reimbursable claims also include expenses associated with the government's use of the Reserve Banks' check, ACH, Fedwire Funds, and Fedwire Securities services; these expenses are included in priced services expense in table 1.

outlays, or \$50.1 million, supports the System's computing and network infrastructure. Multiyear projects currently under way to migrate major applications off the mainframe account for \$19.1 million of the 2015 capital budget.<sup>10</sup> Cash automation initiatives include \$39.3 million for the CashForward project and \$5.1 million for cash sensor upgrades. Investments in analytical, technological, and operational tools are proposed for monetary policy (\$11.2 million) and to support new and ongoing supervisory responsibilities (\$7.1 million). Other automation investments include enhanced functionality for applications that support the Federal Reserve financial services, information security projects, and scheduled software and equipment upgrades.

#### *Building and infrastructure*

Building and infrastructure projects account for \$183.2 million of the proposed capital budget. Renovations to reconfigure and optimize existing building space are proposed for the Federal Reserve Banks of New York (\$30.9 million), Cleveland (\$4.4 million), Richmond (\$3.0 million), Kansas City (\$2.7 million), and Chicago (\$2.5 million). The Federal Reserve Bank of Kansas City will build an addition to its parking garage to accommodate staffing growth (\$8.5 million). The Federal Reserve Banks of Dallas (\$6.0 million) and San Francisco (\$5.4 million) will continue their space renovation programs, the Federal Reserve Bank of Chicago continues its building security project (\$2.3 million) and cash reconfiguration project (\$3.2 million), while the Federal Reserve Bank of Cleveland plans to invest in conference facilities (\$3.5 million). The remaining outlays in this category fund many other ongoing safety and maintenance needs and other facility improvements.

#### *Treasury*

The capital budgets include \$77.8 million for Treasury initiatives, including additional space to accommodate staff at the Federal Reserve Bank of St. Louis for expanded Treasury operations (\$8.1 million), support for TWAI (\$40.9 million), and application development efforts supporting multiple projects.

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<sup>10</sup> The Reserve Bank migration strategy involves moving a majority of applications from the mainframe to alternate processing environments. 2015 budgeted projects include the migration of the Fedwire Securities and statistics and reserves (STAR) applications. A decision for the future of the ACH processing platform is planned for third-quarter 2015.

### Five-Year Trend in Reserve Bank Expenses

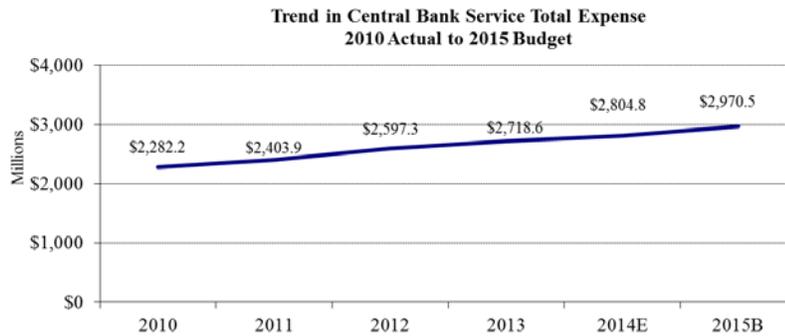
Total expenses for the Reserve Banks have grown an average of 4.5 percent annually from 2010 through the 2015 budget.

Total Expenses of the Federal Reserve Banks, by Functional Area (dollars in millions)							
	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Estimate	2015 Budget	CAGR 2010-2015
Monetary and Economic Policy	\$497.7	\$532.3	\$563.3	\$596.5	\$607.3	\$636.8	5.1%
Services to U.S. Treasury and Gov't Agencies	433.4	459.1	477.3	500.5	540.1	579.9	6.0%
Services to Financial Institutions and the Public	982.6	954.1	977.5	1,003.4	1,030.1	1,073.6	1.8%
Supervision	801.9	917.4	1,056.6	1,118.8	1,167.5	1,260.2	9.5%
Fee Based Services to Financial Institutions	467.4	398.3	387.5	372.4	418.5	418.2	-2.2%
<b>Total</b>	<b>\$3,183.0</b>	<b>\$3,261.3</b>	<b>\$3,462.1</b>	<b>\$3,591.6</b>	<b>\$3,763.5</b>	<b>\$3,968.7</b>	<b>4.5%</b>

### Trends in Central Bank Total Expense

Expenses for central bank functions have grown an average of 5.4 percent annually over the past five years. Supervision is driving a large portion of this expense increase, with an average of 9.5 percent expense growth per year over the past five years and a corresponding increase of 968 ANP since 2010. The additional resources and staffing were added over this period in

response to the financial crisis and to implement the Dodd-Frank Act requirements. More recently, continued implementation of expanded supervisory



responsibilities mandated by the Dodd-Frank Act and growth in the number of supervised state member banks has resulted in additional resource demands. Forecasted resource growth in supervision expense beyond 2015 is expected to moderate and remain fairly stable going forward, as the number of problem institutions are projected to stabilize.

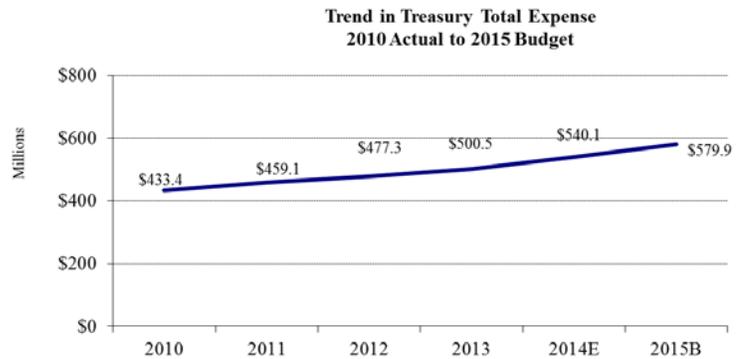
Monetary policy expenses have grown on average 5.1 percent annually. This growth is largely driven by increases at the Federal Reserve Bank of New York. Rapid growth during the financial crisis has been followed by a focus on improving operational agility and restructuring analytical, technological, and operational activities to address the increased needs and responsibilities for financial stability monitoring. Growth in monetary policy expenses also reflects increases resources dedicated to regional economic research.

Expenses in the cash area have increased on average 2.6 percent annually, as a multiyear effort to modernize the cash processing and inventory-tracking infrastructure nears completion. These increases have been partially offset by efficiency improvements in cash operations.

### *Trends in Treasury Services Expense*

Treasury services expenses have grown on average 6.0 percent annually since 2010. Expenses have increased to meet Treasury's evolving needs, including the automation of Treasury's collection and payment services, the addition of Treasury applications to the TWAI, and other requested projects. A portion

of the growth has been offset by staffing reductions and program changes initiated by the Treasury, including the Treasury Retail Securities consolidation effort.



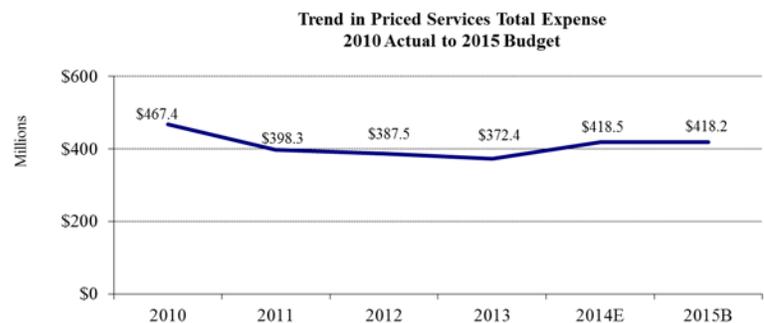
### *Trends in Priced Services Total Expense*

Priced services expenses have decreased at an average of 2.2 percent annually. With the continued decline of paper-check volume and the efficiencies associated with electronic check processing, check service

expenses have declined an average of 12.5 percent annually since 2010. These declines have been slightly offset by increases for Fedwire and FedLine

modernization programs and

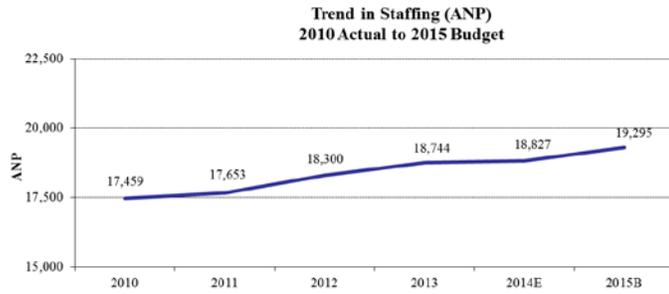
enhancements in addition to the disposition of the FedACH Technology Transition program asset.



### *Trends in Staffing*

Total staffing levels are increasing at an average of 2.0 percent annually since 2010. The primary driver is in supervision to address both Dodd-Frank Act implementation and

portfolio growth. IT is also a driver of increased staffing to support information security efforts and large application development projects. Monetary policy areas have grown modestly to support financial stability monitoring and operational activities. These increases are offset, in part, by decreased staffing in priced services functions.



### **Risks in the 2015 Budget**

The most significant risks in the 2015 budget are related to personnel. Changes in benefit assumptions related to the discount rate and updated demographic information would affect Reserve Bank budgets. Additionally, Banks are concerned about their ability to hire and retain staff. A number of Reserve Banks have aggressive hiring plans, and some Banks may experience difficulty meeting schedules for hiring staff with specialized skills and experience, particularly in supervision and IT. The primary risks in supervision relate to the implementation of key supervisory responsibilities under the Dodd-Frank Act that still require final rulemaking and changing supervisory programs. The Treasury's fiscal agent consolidation effort will continue to affect projects over a longer term planning horizon as the future vision for collections, payments, and cash management systems is refined.

**ATTACHMENT**

**Statistical Supplement**

Table A	Total Expenses of the Federal Reserve Banks, by District
Table B	Total Employment of the Federal Reserve Banks, by District
Table C	Total Employment of the Federal Reserve Banks, by Functional Area
Table D	Budgeted Changes to the Cash Compensation Components of the Federal Reserve Banks, Officers and Staff, by District
Table E	Capital Outlays of the Federal Reserve Banks, by District

Notes: In the following tables, Reserve Bank expenses include those budgeted by FRIT and OEB that are chargeable to the Reserve Banks.

Components may not add to totals because of rounding. Table-to-table comparisons may also differ due to rounding.

Table A

**TOTAL EXPENSES OF THE FEDERAL RESERVE BANKS**  
**by District, 2014 and 2015**  
(Dollars in Thousands)

District	2014 Budget	2014 Estimate	2015 Budget	Change		
				14B vs. 14E	14E vs. 15B	14B vs. 15B
Boston	220,134	222,812	231,598	1.2%	3.9%	5.2%
New York	908,868	888,762	938,292	-2.2%	5.6%	3.2%
Philadelphia	202,612	198,009	200,805	-2.3%	1.4%	-0.9%
Cleveland	176,213	163,660	173,463	-7.1%	6.0%	-1.6%
Richmond	360,955	359,257	359,688	-0.5%	0.1%	-0.4%
Atlanta	318,983	342,425	323,023	7.3%	-5.7%	1.3%
Chicago	340,698	337,355	356,634	-1.0%	5.7%	4.7%
St. Louis	285,778	288,837	335,373	1.1%	16.1%	17.4%
Minneapolis	199,831	192,996	214,535	-3.4%	11.2%	7.4%
Kansas City	222,383	219,960	255,317	-1.1%	16.1%	14.8%
Dallas	212,245	212,206	223,263	0.0%	5.2%	5.2%
San Francisco	346,958	337,181	356,686	-2.8%	5.8%	2.8%
<b>Total</b>	<b>3,795,657</b>	<b>3,763,460</b>	<b>3,968,677</b>	<b>-0.8%</b>	<b>5.5%</b>	<b>4.6%</b>

**TOTAL EMPLOYMENT OF THE FEDERAL RESERVE BANKS**  
**by District, 2014 and 2015**  
**(Average Number of Personnel)**

District	2014 Budget	2014 Estimate	2015 Budget	Change		
				14B vs. 14E	14E vs. 15B	14B vs. 15B
Boston	1,097	1,072	1,109	-25	37	12
New York	3,247	3,225	3,294	-22	70	47
Philadelphia	946	942	921	-4	-21	-25
Cleveland	968	946	990	-22	43	21
Richmond	1,586	1,563	1,546	-24	-17	-41
Atlanta	1,627	1,586	1,594	-41	8	-33
Chicago	1,512	1,502	1,529	-10	27	18
St. Louis	1,145	1,146	1,246	1	100	101
Minneapolis	1,133	1,097	1,114	-36	17	-19
Kansas City	1,512	1,528	1,688	16	160	175
Dallas	1,217	1,243	1,267	25	25	50
San Francisco	1,671	1,667	1,700	-4	33	29
<b>Subtotal</b>	<b>17,662</b>	<b>17,516</b>	<b>17,998</b>	<b>-146</b>	<b>482</b>	<b>336</b>
FRIT	1,265	1,261	1,244	-4	-17	-21
OEB	52	50	53	-2	2	1
<b>Total</b>	<b>18,979</b>	<b>18,827</b>	<b>19,295</b>	<b>-152</b>	<b>468</b>	<b>316</b>

**TOTAL EMPLOYMENT OF THE FEDERAL RESERVE BANKS<sup>1</sup>**  
**by Functional Area**  
**(Average Number of Personnel)**

	2010	2011	2012	2013	2014E	2015B	CAGR
							2010-2015
Monetary and Economic Policy	1,115	1,179	1,223	1,237	1,250	1,284	2.9%
Services to U.S. Treasury and Gov't Agencies	1,092	1,114	1,071	1,138	1,067	1,178	1.5%
Services to Financial Institutions and the Public	2,828	2,719	2,659	2,670	2,659	2,694	-1.0%
Supervision	3,052	3,339	3,725	3,860	3,891	4,020	5.7%
Fee Based Services to Financial Institutions	1,147	910	840	717	688	710	-9.2%
Local Support and Overhead	6,379	6,303	6,457	6,635	6,723	6,791	1.3%
Nationally Provided Support	972	1,084	1,274	1,305	1,336	1,331	6.5%
Centralized Service Providers	873	1,003	1,051	1,182	1,214	1,287	8.1%
<b>Total</b>	<b>17,459</b>	<b>17,653</b>	<b>18,300</b>	<b>18,744</b>	<b>18,827</b>	<b>19,295</b>	<b>2.0%</b>

<sup>1</sup> Includes average number of personnel (ANP) at FRIT and OEB.

**Nationally Provided Support:** Support services performed on behalf of multiple Districts under a regionalized or centralized function. In this table, select nationally provided support ANP have been included in the associated functional areas. The table has been recategorized from previous years for consistency in reporting.

**Centralized Service Providers:** Support services provided by FRIT and OEB.

**BUDGETED CHANGES TO CASH COMPENSATION PROGRAMS OF THE FEDERAL RESERVE BANKS  
Officers and Staff by District, 2015  
(Dollars in Thousands)**

District	Total 12/31/14 Estimated Salary Liability (a)	Additions to Salary Base				Incremental Variable Pay (e)	Total	
		Merit (b)	Equity & Market Adjustments (c)	Promotions and Reclasses (d)	Percentage Increase to Total 12/31/14 Salary Liability (b + c + d) / (a)		Dollars (b + c + d + e)	Percentage Increase to Total 12/31/14 Salary Liability (b + c + d + e) / (a)
Boston	114,054	3,422	875	906	4.6%	650	<b>5,853</b>	5.1%
New York	420,535	12,616	2,763	6,912	5.3%	3,373	<b>25,664</b>	6.1%
Philadelphia	82,278	2,468	634	823	4.8%	58	<b>3,983</b>	4.8%
Cleveland	82,009	2,463	735	844	4.9%	685	<b>4,727</b>	5.8%
Richmond	136,579	4,020	986	600	4.1%	911	<b>6,516</b>	4.8%
Atlanta	137,252	3,283	524	975	3.5%	579	<b>5,362</b>	3.9%
Chicago	152,145	4,542	892	884	4.2%	1,129	<b>7,447</b>	4.9%
St. Louis	99,938	3,020	621	994	4.6%	1,336	<b>5,970</b>	6.0%
Minneapolis	90,403	2,712	649	452	4.2%	658	<b>4,472</b>	4.9%
Kansas City	119,692	3,591	870	1,484	5.0%	1,517	<b>7,462</b>	6.2%
Dallas	100,231	2,187	838	1,002	4.0%	468	<b>4,495</b>	4.5%
San Francisco	179,560	5,314	956	1,747	4.5%	1,227	<b>9,246</b>	5.1%
FRIT	133,800	3,270	877	1,319	4.1%	725	<b>6,190</b>	4.6%
OEB	7,445	223	53	43	4.3%	15	<b>334</b>	4.5%
<b>Total</b>	<b>1,855,922</b>	<b>53,131</b>	<b>12,273</b>	<b>18,985</b>	<b>4.5%</b>	<b>13,331</b>	<b>97,720</b>	<b>5.3%</b>

The table above shows the cash compensation components that add to base salary (merit, equity, and promotion) and the 2015 incremental increase in variable pay expense compared to those estimated for 2014.

**December 31, 2014 Salary Liability:** the annualized salary expense based on the salaries in effect on December 31.

**Merit:** the amount of 2015 budgeted salary expense that reflects the cumulative effect of planned salary increases based on performance.

**Equity Adjustments:** the amount of 2015 budgeted salary expense to bring individual salaries to the minimum of a grade range or to better align salaries based on internal or external compensation pressures.

**Promotions:** the amount of 2015 budgeted salary expense that reflects salary increases for individuals as a result of promotions resulting from a significant increase in job responsibilities.

**Variable Pay:** The change in 2015 budgeted incentive payments (payment for the achievement of predetermined goals) and cash awards (awards in recognition of exceptional achievements) compared to the 2014 estimate.

Table E

**CAPITAL OUTLAYS OF THE FEDERAL RESERVE BANKS**  
**by District, 2014 and 2015**  
**(Dollars in Thousands)**

District	2014 Budget	2014 Estimate	2015 Budget	Percent Change		
				14B vs. 14E	14E vs. 15B	14B vs. 15B
Boston	41,926	36,640	28,506	-12.6%	-22.2%	-32.0%
New York	114,967	88,461	115,869	-23.1%	31.0%	0.8%
Philadelphia	21,191	18,404	20,521	-13.2%	11.5%	-3.2%
Cleveland	22,010	17,273	16,997	-21.5%	-1.6%	-22.8%
Richmond	15,705	15,573	15,204	-0.8%	-2.4%	-3.2%
Atlanta	16,724	31,270	16,137	87.0%	-48.4%	-3.5%
Chicago	38,126	26,979	26,522	-29.2%	-1.7%	-30.4%
St. Louis	13,527	10,410	14,324	-23.0%	37.6%	5.9%
Minneapolis	13,534	6,584	4,657	-51.4%	-29.3%	-65.6%
Kansas City	15,595	15,833	25,811	1.5%	63.0%	65.5%
Dallas	18,088	14,379	17,340	-20.5%	20.6%	-4.1%
San Francisco	65,093	56,325	60,463	-13.5%	7.3%	-7.1%
<b>Subtotal</b>	<b>396,486</b>	<b>338,129</b>	<b>362,351</b>	<b>-14.7%</b>	<b>7.2%</b>	<b>-8.6%</b>
FRIT	78,449	71,112	91,086	-9.4%	28.1%	16.1%
OEB	469	179	550	-61.8%	207.2%	17.3%
<b>Total</b>	<b>475,404</b>	<b>409,421</b>	<b>453,986</b>	<b>-13.9%</b>	<b>10.9%</b>	<b>-4.5%</b>