

Financial Report

of the UNITED STATES
GOVERNMENT

Fiscal Year 2024



**DEPARTMENT OF THE TREASURY
WASHINGTON, D.C.**

January 16, 2025

A Message from the Secretary of the Treasury

During fiscal year 2024, the American economy was marked by a combination of developments that few had thought possible. Inflation is down significantly; the unemployment rate remains near historic lows; and economic growth has been strong, bolstered by consumer spending and business investment.

The state of our economy today reflects the success of our efforts to drive a historically fast and fair economic recovery from the pandemic. Wages have risen faster than prices, so the typical American can afford more goods and services than before the pandemic. The Black unemployment rate reached a historic low last year. The gap between urban and rural unemployment rates has narrowed.

We have also continued to respond swiftly and decisively to crises and to act on lessons learned. Having made sure stress in the banking sector in 2023 did not derail our economic recovery, we moved forward efforts to identify and assess vulnerabilities to increase the resilience of the U.S. financial system. Having kept global energy markets well-supplied in the aftermath of Russia's invasion of Ukraine, we continued to monitor and take action in response to Russia's ongoing war on Ukraine and the conflict in the Middle East.

We also moved forward our wide-ranging efforts to build a strong and inclusive economy for the long-term. Our historic investments in infrastructure, manufacturing, and clean energy are paying off, with public sector investments driving billions in private sector investments and new jobs being created in twenty-first century industries, including for Americans without college degrees. As we increase our country's economic strength through actions at home, we have also worked with our partners and allies to drive the transition to a lower-carbon global economy and build resilient supply chains across borders.

All of our work is supported by our commitment to financial transparency and accountability. To further that commitment, the annual Financial Report of the United States Government lays out comprehensive data and analysis on our nation's finances. You will find information on all aspects of the government's current financial position, as well as information on changes in the financial position during this fiscal year and potential future changes.

It is my duty and pleasure to present the Fiscal Year 2024 Report to the American people.


Janet L. Yellen

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For a complete listing of frequently used acronyms found throughout the Financial Report, please refer to the Glossary of Acronyms located in Appendix B.

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NATION BY THE NUMBERS			
A Snapshot of The Government's Financial Position & Condition			
	2024	2023*	
Financial Measures (Dollars in Billions):			
Net Cost:			
Gross Costs	\$ (7,772.2)	\$ (7,661.7)	
Less: Earned Revenue	\$ 652.9	\$ 539.5	
Gain/(Loss) from Changes in Assumptions	\$ (283.6)	\$ (760.6)	
Total Net Cost	\$ (7,402.9)	\$ (7,882.8)	
Less: Total Tax and Other Unearned Revenues	\$ 4,977.9	\$ 4,465.6	
Net Operating Cost	\$ (2,425.0)	\$ (3,417.2)	
Budget Deficit	\$ (1,832.8)	\$ (1,695.2)	
Assets, comprised of:			
Cash and Other Monetary Assets	\$ 1,177.7	\$ 922.2	
Inventory and Related Property, Net	\$ 447.3	\$ 423.0	
Loans Receivable, Net	\$ 1,751.0	\$ 1,695.1	
Property, Plant, and Equipment, Net	\$ 1,313.0	\$ 1,235.0	
Other	\$ 973.1	\$ 1,143.8	
Total Assets	\$ 5,662.1	\$ 5,419.1	
Less: Liabilities, comprised of:			
Federal Debt and Interest Payable	\$ (28,338.9)	\$ (26,347.7)	
Federal Employee and Veteran Benefits Payable	\$ (15,033.4)	\$ (14,347.6)	
Other	\$ (2,173.6)	\$ (2,203.0)	
Total Liabilities	\$ (45,545.9)	\$ (42,898.3)	
Net Position¹	\$ (39,883.8)	\$ (37,479.2)	
Sustainability Measures (Dollars in Trillions):			
Social Insurance Net Expenditures	\$ (78.3)	\$ (78.4)	
Total Federal Non-Interest Net Expenditures	\$ (72.7)	\$ (73.2)	
Sustainability Measures as Percent GDP:			
Social Insurance Net Expenditures ²	(4.2%)	(4.4%)	
Total Federal Non-Interest Net Expenditures	(3.6%)	(3.8%)	
Fiscal Gap ³	(4.3%)	(4.5%)	

¹ The government's net position is calculated in accordance with federal accounting standards. Per these standards, net position does not include the financial value of the government's sovereign power to tax, regulate commerce, or set monetary policy, or the value of nonoperational resources, such as national and natural resources, for which the government is a steward.

² Pursuant to federal accounting standards, for SOSI reporting, the federal government's social insurance programs include Social Security; Medicare Parts A, B, and D; DOL's Black Lung program; and the RRB.

³ To prevent the debt-to-GDP ratio from rising over the next 75 years, a combination of non-interest spending reductions and receipts increases that amount to 4.3 percent of GDP on average is needed (4.5 percent of GDP on average in FY 2023). See Financial Statement Note 24.

* Change in presentation (see Financial Statement Note 1.W).

Executive Summary to the FY 2024 Financial Report of the United States Government

The FY 2024 *Financial Report* presents the U.S. government's current financial position and condition, and discusses key financial topics and trends. The *Financial Report* is produced by Treasury in coordination with OMB, which is part of the Executive Office of the President. The table on the preceding page presents several key indicators of the government's financial position and condition, which are discussed in this Executive Summary and, in greater detail, in the *Financial Report*. The Secretary of the [Treasury](#), the Director of [OMB](#), and the Comptroller General of the U.S. at the [GAO](#) believe that the information discussed in the *Financial Report* is important to all Americans.

The *Financial Report* addresses the government's financial activity and results as of and for the fiscal years ended September 30, 2024, and 2023. Note 29—Subsequent Events discusses events that occurred after the end of the fiscal year that may affect the government's financial position and condition.

Results in Brief

The “Nation by the Numbers” table on the preceding page and the following summarize key metrics about the federal government’s financial position for and during FY 2024:

- The budget deficit increased by \$137.6 billion (8.1 percent) to \$1.8 trillion and net operating cost decreased by \$992.2 billion (29.0 percent) to \$2.4 trillion. The primary contributor to the difference between the deficit and net operating cost is an increase in the liability for federal employee and veteran benefits payable that affects the government’s current year costs but does not affect the current year budget deficit.
- The government’s gross costs of \$7.8 trillion, less \$652.9 billion in revenues earned for goods and services provided to the public, plus \$283.6 billion in net losses from changes in assumptions yields the government’s net cost of \$7.4 trillion, a decrease of \$479.9 billion (6.1 percent) from FY 2023.
- Net cost decreased but is subject to both cost increases and decreases across the government. For example, the largest decrease was due to significant decreases in losses stemming from changes in assumptions affecting cost and liability estimates for the government’s employee and veteran benefits. The largest increase was to interest on the federal debt.
- Tax and other revenues increased by \$512.3 billion to \$5.0 trillion. Deducting these revenues from net cost yields the federal government’s “bottom line” net operating cost of \$2.4 trillion referenced above.
- Comparing total government assets of \$5.7 trillion (including \$1.8 trillion of loans receivable, net and \$1.3 trillion of Property, Plant, and Equipment (PP&E)) to total liabilities of \$45.5 trillion (including \$28.3 trillion in federal debt and interest payable, and \$15.0 trillion of federal employee and veteran benefits payable) yields a negative net position of \$39.9 trillion.
- The Statement of Long-Term Fiscal Projections (SLTFP) shows that the present value (PV) of total non-interest spending, over the next 75 years, under current policy, is projected to exceed the PV of total receipts by \$72.7 trillion (total federal non-interest net expenditures from the table on the previous page).
- The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024. Under current policy and based on this report’s assumptions, it is projected to reach 535 percent by 2099. The projected continuous rise of the debt-to-GDP ratio indicates that current policy is unsustainable.
- The Statement of Social Insurance (SOSI) shows that the PV of the government’s expenditures for Social Security and Medicare Parts A, B and D, and other social insurance programs over 75 years is projected to exceed social insurance revenues by about \$78.3 trillion, remaining largely unchanged, decreasing by approximately \$100.0 billion compared to 2023 social insurance projections.

Where We Are Now

The government's financial position and condition have traditionally been expressed through the *Budget*, focusing on surpluses, deficits, and debt. However, this primarily cash-based discussion of the government's net outlays (deficit) or net receipts (surplus) tells only part of the story. The government's accrual-based net position, (the difference between its assets and liabilities), and its "bottom line" net operating cost (the difference between its revenues and costs) are also key financial indicators. Please refer to the financial statements, disclosures, and other information in this *Financial Report*, as well as in the individual entities' Agency Financial Reports for more information.

Comparing the Budget and the Financial Report

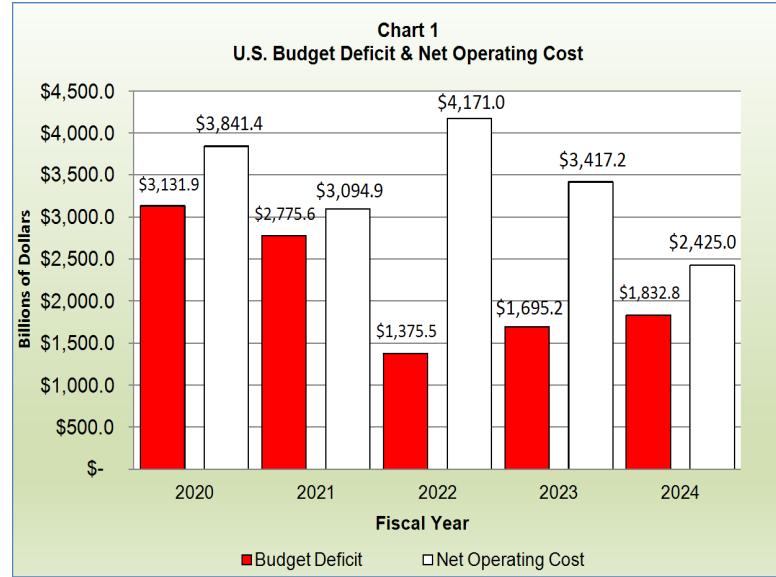
The *Budget* and the *Financial Report* present complementary perspectives on the government's financial position and condition.

- The *Budget* is the government's primary financial planning and control tool. It accounts for past government receipts and spending and includes the President's proposed receipts and spending plan. Receipts are cash received by the U.S. government and spending is measured as outlays, or payments made by the federal government to the public or entities outside the government. When total receipts exceed outlays, there is a budget surplus; conversely, if total outlays exceed total receipts, there is a budget deficit.
- The *Financial Report* includes the government's costs and revenues, assets and liabilities, and other important financial information. It compares the government's revenues (amounts earned, but not necessarily collected), with costs (amounts incurred, but not necessarily paid) to derive net operating cost.

Chart 1 compares the government's budget deficit (receipts vs. outlays) and net operating cost (revenues vs. costs) for FYs 2020 - 2024. During FY 2024:

- A \$479.4 billion increase in receipts was more than offset by a \$617.0 billion increase in outlays resulting in a \$137.6 billion (8.1 percent) increase in the budget deficit from \$1.7 trillion to \$1.8 trillion.
- Net operating cost decreased \$992.2 billion or 29.0 percent from \$3.4 trillion to \$2.4 trillion, due mostly to a \$479.9 billion or 6.1 percent decrease in net cost combined with a \$512.3 billion or 11.5 percent increase in tax and other revenues.

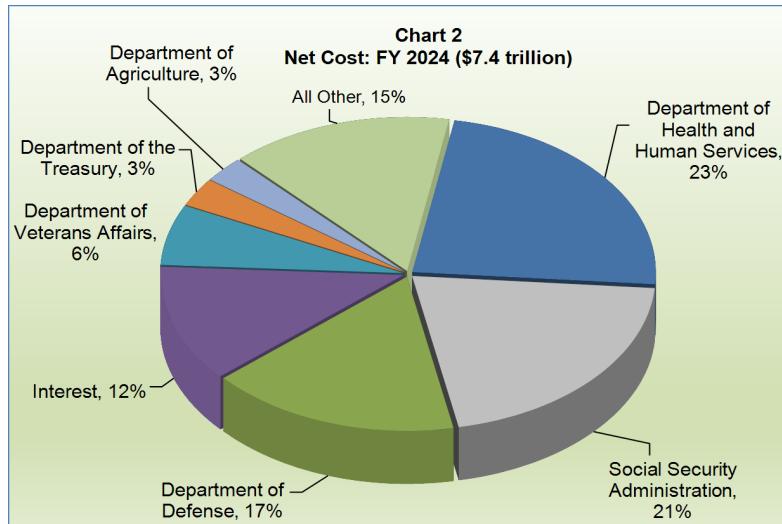
The \$592.2 billion difference between the budget deficit and net operating cost for FY 2024 is primarily due to accrued costs (incurred but not necessarily paid) that are included in net operating cost, but not the budget deficit. These are primarily actuarial costs related to federal employee and veteran benefits programs, particularly at VA, DOD, and OPM. Other sources of differences include but are not limited to decreases in taxes receivable, increases in advances and prepayment made by the federal government, non-cash earned revenue related to investments in Government-Sponsored Enterprises, and a timing difference when credit reform costs are recorded in the budget versus net operating cost.



Costs and Revenues

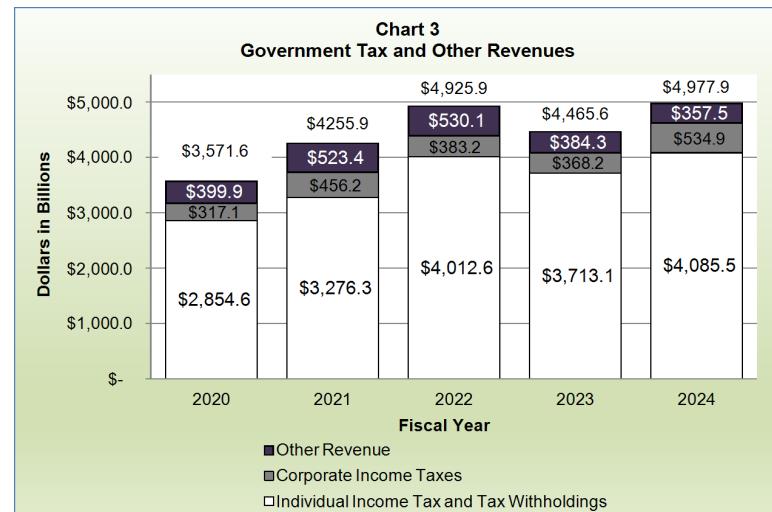
The government’s “bottom line” net operating cost decreased \$992.2 billion (29.0 percent) during FY 2024 to \$2.4 trillion. It is calculated as follows:

- Starting with total gross costs of \$7.8 trillion, the government subtracts earned program revenues (e.g., Medicare premiums, national park entry fees, and postal service fees) and adjusts for gains or losses from changes in actuarial assumptions used to estimate future federal employee and veteran benefits payments to derive its net cost before taxes and other revenues of \$7.4 trillion (see Chart 2), a decrease of \$479.9 billion (6.1 percent) from FY 2023. This net decrease is the combined effect of many offsetting increases and decreases across the government. For example:



- Entities administering federal employee and veteran benefits programs, including the [VA](#), [DOD](#), and [OPM](#) employ a complex series of assumptions to make actuarial projections of their long-term benefits liabilities. These assumptions include but are not limited to interest rates, beneficiary eligibility, life expectancy, and medical cost levels. Changes in these assumptions can result in either losses (net cost increases) or gains (net cost decreases). Across the government, these net losses from changes in assumptions amounted to \$283.6 billion in FY 2024, a loss decrease (and a corresponding net cost decrease) of \$477.0 billion compared to FY 2023. For example:
 - In particular, [VA](#) net costs decreased \$983.3 billion due largely to a combined cost decrease of \$596.5 billion related to changes in assumptions as referenced above. VA net costs also decreased because the actuarial present value cost of the Sergeant First Class Heath Robinson Honoring our *Promise to Address Comprehensive Toxins* (PACT) Act, which expanded and extended eligibility for veterans' benefits, was recognized as an expense for 2023 and there was no similar expense in 2024.
 - [DOD](#) net costs increased \$229.0 billion due primarily to a \$147.4 billion loss increase from changes in assumptions as referenced above. However, most of DOD's net costs included those related to military operations, readiness and support, procurement, personnel, and R&D.
- An \$81.4 billion decrease in [Treasury](#) net costs was largely due to a decrease in costs associated with Treasury's pandemic relief programs, and a \$48.7 billion increase in earned revenue associated with the GSE (Fannie Mae and Freddie Mac) investments.
- [Education](#) net costs increased \$173.2 billion due largely to a significant increase in subsidy expenses for Education's student loan programs, because of the reduction in FY 2023 subsidy expense resulting from the reversal of the proposed student loan debt relief as a result of the Supreme Court's ruling in *Biden v Nebraska*.
- A \$24.1 billion net cost increase at [HHS](#) primarily due to a \$21.4 billion increase across the Medicare and Medicaid benefits programs largely associated with increasing benefits payments.
- [SSA](#) net costs increased \$97.4 billion due largely to a 2.9 percent increase in the number of OASI beneficiaries, combined with a 3.2 percent COLA provided to beneficiaries in 2024.

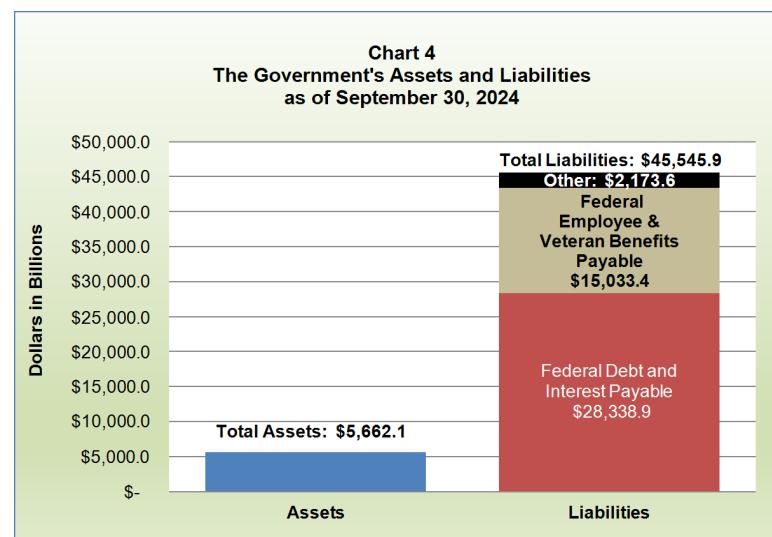
- Interest costs related to federal debt securities held by the public provided the largest increase of \$231.1 billion due largely to an increase in the outstanding debt held by the public and an increase in the average interest rates.
- The government deducts tax and other revenues from net cost (with some adjustments) to derive its FY 2024 “bottom line” net operating cost of \$2.4 trillion.
 - From Chart 3, total government tax and other revenues increased by \$512.3 billion (11.5 percent) to about \$5.0 trillion for FY 2024 due primarily to an overall growth in income tax collections, primarily from individuals and corporations.
 - Together, individual income tax and tax withholdings, and corporate income taxes accounted for about 92.8 percent of total tax and other revenues in FY 2024. Other revenues include Federal Reserve earnings, excise taxes, and customs duties.



Assets and Liabilities

Chart 4 summarizes the assets and liabilities that the government reports on its Balance Sheet. As of September 30, 2024:

- 82.8 percent of the federal government’s total assets (\$5.7 trillion) consist of: 1) \$1.2 trillion in cash and monetary assets; 2) \$447.3 billion in inventory and related property; 3) \$1.8 trillion in loans receivable, net (primarily student loans); and 4) \$1.3 trillion in net PP&E.
- Cash and monetary assets (\$1.2 trillion) is comprised largely of the operating cash of the U.S. government. Operating cash held by Treasury increased \$231.9 billion (36.3 percent) to \$870.8 billion during FY 2024.
- Inventory and related property (\$447.3 billion) includes: 1) inventory, which is tangible personal property that is either held for sale, in the process of production for sale, or to be consumed in the production of goods for sale or in the provision of services for a fee; 2) OM&S, or tangible personal property to be consumed in normal operations (e.g., spare and repair parts, ammunition, and tactical missiles); and 3) stockpiles, or strategic and critical materials held due to statutory requirements for use in national defense, conservation, or local/national emergencies.
- Loans receivable, net (\$1.8 trillion) is comprised of loans provided by multiple agencies, including Education and SBA, to promote the nation’s welfare by making financing available to segments of the



population not served adequately by non-federal institutions or otherwise providing for certain activities or investments. Loans Receivable also includes Treasury's \$94.5 billion in notes issued by trusts created by FDIC in its receivership capacity and backed by a guarantee from the FDIC in its corporate capacity.

- Federal government PP&E includes many of the physical resources that are vital to the federal government's ongoing operations, including buildings, structures, facilities, equipment, internal use software, and general-purpose land. [DOD](#) comprises approximately 64.7 percent of the government's reported PP&E of \$1.3 trillion as of September 30, 2024.
- Other significant government resources not reported on the Balance Sheet include the government's power to tax and set monetary policy, natural resources, and stewardship assets. Stewardship assets, including heritage assets and stewardship land, benefit the nation (e.g., national monuments, national parks) and are intended to be held indefinitely.
- Total liabilities (\$45.5 trillion) consist mostly of: 1) \$28.3 trillion in federal debt and interest payable; and 2) \$15.0 trillion in federal employee and veteran benefits payable.
 - Federal debt held by the public is debt held outside of the government by individuals, corporations, state and local governments, the Federal Reserve (FR) System, foreign governments, and other non-federal entities.
 - The government borrows from the public (increases federal debt levels) to finance deficits. During FY 2024, federal debt held by the public increased \$2.0 trillion (7.6 percent) to \$28.3 trillion.
 - The government also reports about \$7.1 trillion of intra-governmental debt outstanding, which arises when one part of the government borrows from another. For example, government funds (e.g., [Social Security and Medicare Trust Funds](#)) typically must invest excess receipts, including interest earnings, in Treasury-issued federal debt securities. Although not reflected in Chart 4, these securities are included in the calculation of federal debt subject to the debt limit.
 - Federal debt held by the public plus intra-governmental debt equals gross federal debt, which with some adjustments, is subject to a statutory debt ceiling ("debt limit"). In FY 2023, a delay in raising the statutory debt limit occurred that required Treasury to depart from its normal debt management procedures and invoke legal authorities to avoid exceeding the statutory debt limit. During this period, extraordinary measures taken by Treasury resulted in federal debt securities not being issued to certain federal government accounts with the securities being restored, including lost interest, to the affected government accounts subsequent to the end of the delay period. Due to the delay in raising the statutory debt limit, Treasury took extraordinary measures from January 19, 2023, through June 2, 2023. On June 3, 2023, P.L. 118-5 was enacted suspending the debt limit through January 1, 2025. At the end of FY 2024, debt subject to the statutory limit was \$35.4 trillion. Increasing or suspending the debt limit does not increase spending or authorize new spending; rather, it permits the government to continue to honor pre-existing commitments (see Note 12—Federal Debt and Interest Payable).
 - Federal employee and veteran benefits payable (\$15.0 trillion) represents the amounts of benefits payable by agencies that administer the government's pension and other benefit plans for its military and civilian employees.

See Note 29—Subsequent Events for information about events that occurred after the end of the fiscal year that may affect the government's financial position and condition.

Key Economic Trends

An analysis of U.S. economic performance provides useful background when evaluating the government's financial statements. Over the course of FY 2024, the economy maintained a solid, if somewhat slower, pace of growth. Labor markets further rebalanced toward pre-pandemic norms, and inflation continued to ease, nearing the Federal Reserve's 2-percent target. These and other economic and financial developments are discussed in greater detail in the *Financial Report*.

An Unsustainable Fiscal Path

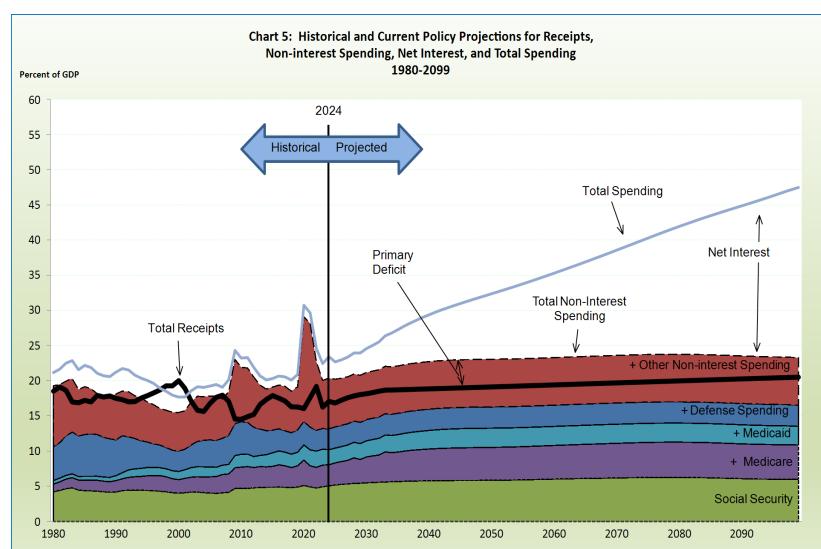
An important purpose of this *Financial Report* is to help citizens understand current fiscal policy and the importance and magnitude of policy reforms necessary to make it sustainable. A sustainable fiscal policy is defined in this report as one where the ratio of debt held by the public to GDP (the debt-to-GDP ratio) is stable or declining over the long term. GDP measures the size of the nation's economy in terms of the total value of all final goods and services that are produced in a year. Considering financial results relative to GDP is a useful indicator of the economy's capacity to sustain the government's many programs. This *Financial Report* presents data, including debt, as a percent of GDP to help readers assess whether current fiscal policy is sustainable. The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024, up slightly from approximately 97 percent at the end of FY 2023. The long-term fiscal projections in this *Financial Report* are based on the same economic and demographic assumptions that underlie the SOSI.

The current fiscal path is unsustainable. To determine if current fiscal policy is sustainable, the projections based on the assumptions discussed in the *Financial Report* assume current policy will continue indefinitely.¹ The projections are therefore neither forecasts nor predictions. Nevertheless, the projections demonstrate that policy changes need to be enacted to achieve a sustainable fiscal policy.

Receipts, Spending, and the Debt

Chart 5 shows historical and current policy projections for receipts, non-interest spending by major category, net interest, and total spending expressed as a percent of GDP.

- The primary deficit is the difference between non-interest spending and receipts. The ratio of the primary deficit to GDP is useful for gauging long-term fiscal sustainability.
- The primary deficit-to-GDP ratio spiked during 2009 through 2012 due to the 2008-09 financial crisis and the ensuing severe recession, and rose again in 2020 due to the COVID-19 pandemic and ensuing economic downturn. Increased spending and temporary tax reductions enacted to stimulate the economy and support recovery contributed to elevated primary deficits over both periods, resulting in sharp increases in the ratio of debt to GDP. The primary deficit-to-GDP ratio in 2024 was 3.3 percent, a decrease of 0.5 percentage points from the primary deficit-to-GDP ratio in last year's *Financial Report* partially due to higher receipts.
- The primary deficit-to-GDP ratio is projected to average 3.1 percent over the next 10 years, based on the technical assumptions in this *Financial Report*, and projected changes in receipts and outlays. After 2034, increased spending for Social Security and health programs due to the aging of the population, is projected to result in increasing primary deficit ratios that peak at 4.0 percent of GDP in 2045. Primary deficits as a share of GDP gradually decrease beyond that point and reach 2.8 percent of GDP in 2099, the last year of the projection period.



¹ Current policy in the projections is based on current law, but includes extension of certain policies that expire under current law but are routinely extended or otherwise expected to continue. The assumptions that underlie this analysis are discussed in the Management's Discussion and Analysis and Note 24—Long-Term Fiscal Projections sections of this *Financial Report*. Please see the “Departures of Current Policy from Current Law” in Note 24.

- The persistent long-term gap between projected receipts and total spending shown in Chart 5 occurs despite the projected effects of the PPACA² on long-term deficits.
 - Enactment of the PPACA in 2010 and the [MACRA \(P.L. 114-10\)](#) in 2015 established cost controls for Medicare hospital and physician payments whose long-term effectiveness is still to be demonstrated fully.
 - There is uncertainty about the extent to which these projections can be achieved and whether the PPACA's provisions intended to reduce Medicare cost growth will be overridden by new legislation.

Table 1 summarizes the status and projected trends of the government's Social Security and Medicare Trust Funds.

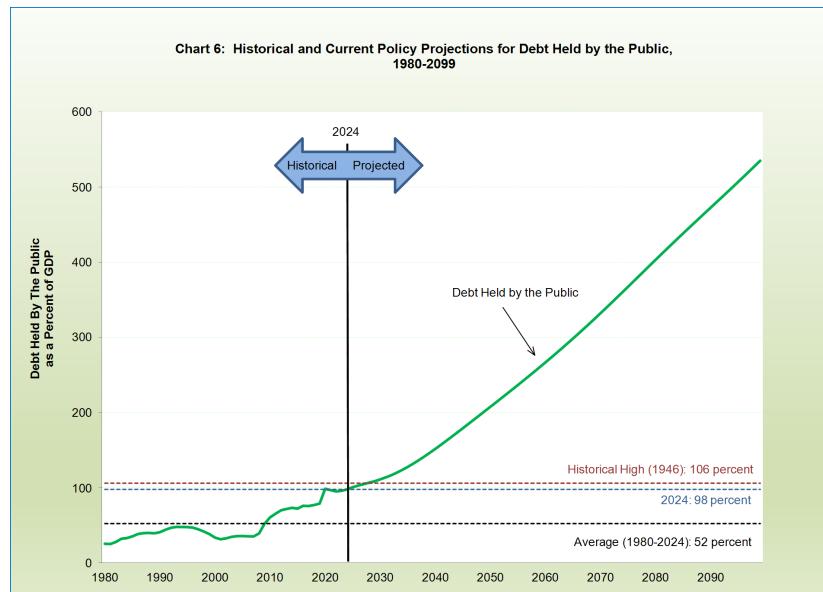
Table 1: Trust Fund Status

Fund	Projected Depletion	Projected Post-Depletion Trend
Medicare Hospital Insurance *	2036	In 2036, trust fund income is projected to cover 89 percent of scheduled benefits, decreasing to 87 percent in 2048, then returning to 100 percent by 2098.
Combined Old-Age Survivors and Disability Insurance **	2035	In 2035, trust fund income is projected to cover 83 percent of scheduled benefits, decreasing to 73 percent by 2098.

* Source: 2024 Medicare Trustees Report ** Source: 2024 OASDI Trustees Report
This Report's projections assume full Social Security and Medicare benefits are paid after fund depletion contrary to current law.

The primary deficit projections in Chart 5, along with those for interest rates and GDP, determine the debt-to-GDP ratio projections in Chart 6.

- The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024, and under current policy and based on this report's assumptions is projected to reach 535 percent in 2099.
- The debt-to-GDP ratio rises continuously in great part because primary deficits lead to higher levels of debt. The continuous rise of the debt-to-GDP ratio indicates that current fiscal policy is unsustainable.
- These debt-to-GDP projections are lower than the corresponding projections in both the FY 2023 and 2022 *Financial Reports*.



² The PPACA refers to [P.L. 111-148](#), as amended by [P.L. 111-152](#). The PPACA expands health insurance coverage, provides health insurance subsidies for low-income individuals and families, includes many measures designed to reduce health care cost growth, and significantly reduces Medicare payment rate updates relative to the rates that would have occurred in the absence of the PPACA. (See Note 25 and the RSI section of the *Financial Report*, and the 2024 Medicare Trustees Report for additional information).

The Fiscal Gap and the Cost of Delaying Fiscal Policy Reform

- The 75-year fiscal gap is a measure of how much primary deficits must be reduced over the next 75 years in order to make fiscal policy sustainable. That estimated fiscal gap for 2024 is 4.3 percent of GDP (slightly lower than 2023).
- This estimate implies that making fiscal policy sustainable over the next 75 years would require some combination of spending reductions and receipt increases that equals 4.3 percent of GDP on average over the next 75 years. The fiscal gap represents 22.5 percent of 75-year PV receipts and 19.0 percent of 75-year PV non-interest spending.
- The timing of policy changes to make fiscal policy sustainable has important implications for the well-being of future generations as is shown in Table 2.

Table 2
Cost of Delaying Fiscal Reform

Period of Delay	Change in Average Primary Surplus
Reform in 2025 (No Delay)	4.3 percent of GDP between 2025 and 2099
Reform in 2035 (Ten-Year Delay)	5.1 percent of GDP between 2035 and 2099
Reform in 2045 (Twenty-Year Delay)	6.3 percent of GDP between 2045 and 2099

- Table 2 shows that, if reform begins in 2035 or 2045, the estimated magnitude of primary surplus increases necessary to close the 75-year fiscal gap is 5.1 percent and 6.3 percent of GDP, respectively. The difference between the primary surplus increase necessary if reform begins in 2035 or 2045 and the increase necessary if reform begins in 2025, an additional 0.8 and 2.0 percentage points, respectively, is a measure of the additional burden policy delay would impose on future generations.
- The longer policy action to close the fiscal gap is delayed, the larger the post-reform primary surpluses must be to achieve the target debt-to-GDP ratio at the end of the 75-year period. Future generations are harmed by a policy delay because the higher the primary surpluses are during their lifetimes, the greater is the difference between the taxes they pay and the programmatic spending from which they benefit.

Conclusion

- Projections in the *Financial Report* indicate that the government's debt-to-GDP ratio is projected to rise over the 75-year projection period and beyond if current policy is kept in place. The projections in this *Financial Report* show that current policy is not sustainable.
- If changes in fiscal policy are not so abrupt as to slow economic growth and those policy changes are adopted earlier, then the required changes to revenue and/or spending will be smaller to return the government to a sustainable fiscal path.

Reporting on Climate Change

Since day one of the Biden-Harris Administration, addressing climate change has been of paramount importance. In response, the administration has driven investment and ignited a clean manufacturing boom, stimulating over \$450 billion in announced private investment in clean energy manufacturing and deployment, and creating over 330,000 clean energy jobs in just over two years, with the intent to minimize waste and have a focus on sustainability in production and manufacturing processes. As summarized in the MD&A section of the *Financial Report*, many of the 24 CFO Act agencies have included information in their FY 2024 financial reports discussing a wide range of topics concerning how their agencies are responding to the climate crisis, including

providing links to agency Climate Adaptation and Resilience Plans to articulate mitigation strategies that deliver emission reductions and more sustainable agency operations.

Find Out More

The FY 2024 *Financial Report* and other information about the nation's finances are available at:

- Treasury, https://www.fiscal.treasury.gov/fsreports/rpt/finrep/fr/fr_index.htm and <https://fiscaldatal.treasury.gov/americas-finance-guide/>;
- OMB's Office of Federal Financial Management, <https://www.whitehouse.gov/omb/management/office-federal-financial-management/>; and
- GAO, <https://www.gao.gov/federal-financial-accountability>.

The GAO audit report on the U.S. government's consolidated financial statements can be found beginning on page 208 of the full *Financial Report*. GAO was unable to express an opinion (disclaimed) on these consolidated financial statements for the reasons discussed in the audit report.

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MANAGEMENT'S DISCUSSION AND ANALYSIS

Introduction

The FY 2024 *Financial Report* provides the President, Congress, and the American people with a comprehensive view of the federal government's financial position and condition; and discusses important financial issues and significant conditions that may affect future operations, including the need to achieve fiscal sustainability over the long-term.

Pursuant to 31 U.S.C. § 331(e)(1), Treasury, in cooperation with OMB, must submit an audited (by GAO) financial statement for the preceding fiscal year, covering all accounts and associated activities of the executive branch of the U.S. government¹ to the President and Congress no later than six months after the September 30 fiscal year-end.

The *Financial Report* is prepared from the financial information provided by 167 federal consolidation entities (see organizational chart on the next page and Appendix A). As it has for the past 27 years, GAO issued a disclaimer of opinion on the accrual-based, consolidated financial statements for the fiscal years ended September 30, 2024, and 2023. GAO also issued a disclaimer of opinion on the sustainability financial statements, which consist of the 2024 and 2023 SLTFP; the 2024, 2023, 2022, 2021, and 2020 SOSI; and the 2024 and 2023 SCSIA. A disclaimer of opinion indicates that sufficient information was not available for the auditors to determine whether the reported financial statements were fairly presented in accordance with GAAP. In FY 2024, 31² of the 40 most significant entities earned unmodified ("clean") opinions on their financial statements.

The FY 2024 *Financial Report* consists of:

- MD&A, which provides management's perspectives on and analysis of information presented in the *Financial Report*, such as financial and performance trends;
- Financial statements and the related notes to the financial statements;
- RSI and Other Information; and
- GAO's audit report.

This *Financial Report* addresses the government's financial activity and results as of and for the fiscal years ended September 30, 2024, and 2023. Note 29—Subsequent Events discusses events that occurred after the end of the fiscal year that may affect the government's financial position and condition.

In addition, the Executive Summary to this *Financial Report* provides a quick reference to the key results and issues presented in the *Financial Report* and an overview of the government's financial position and condition.

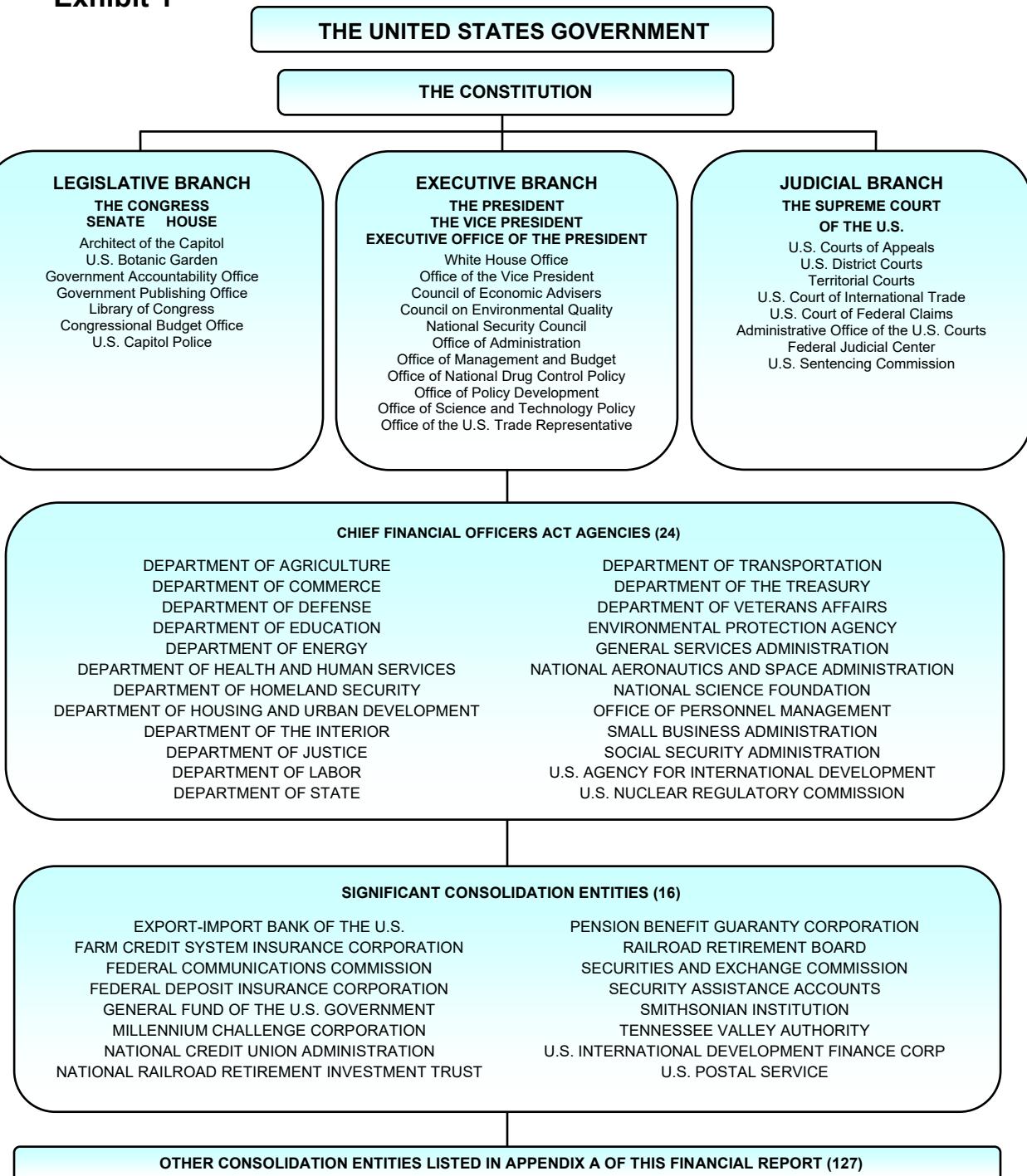
Mission & Organization

The government's fundamental mission is derived from the Constitution: "...to form a more perfect union, establish justice, insure domestic tranquility, provide for the common defense, promote the general welfare and secure the blessings of liberty to ourselves and our posterity." The government's functions have evolved over time to include health care, income security, veterans benefits and services, housing and transportation, security, and education. Exhibit 1 provides an overview of how the U.S. government is organized.

¹ The *Government Management Reform Act of 1994* has required such reporting, covering the executive branch of the government, beginning with financial statements prepared for FY 1997. The consolidated financial statements include the legislative and judicial branches.

² The 31 entities include the HHS, which received disclaimers of opinion on its 2024, 2023, 2022, 2021, and 2020 SOSI and on its 2024 and 2023 SCSIA.

Exhibit 1



The Government's Financial Position and Condition

This *Financial Report* presents the government's financial position at the end of the fiscal year, explains how and why the financial position changed during the year, and discusses the government's financial condition and how it may change in the future.

Table 1
The Federal Government's Financial Position and Condition

	2024	2023*	Increase / (Decrease)	
			\$	%
FINANCIAL MEASURES (Dollars in Billions)				
Gross Cost	\$ (7,772.2)	\$ (7,661.7)	\$ 110.5	1.4%
Less: Earned Revenue	\$ 652.9	\$ 539.5	\$ 113.4	21.0%
Gain/(Loss) from Changes in Assumptions	\$ (283.6)	\$ (760.6)	\$ (477.0)	(62.7%)
Net Cost	\$ (7,402.9)	\$ (7,882.8)	\$ (479.9)	(6.1%)
Less: Total Tax and Other Unearned Revenues	\$ 4,977.9	\$ 4,465.6	\$ 512.3	11.5%
Net Operating Cost	\$ (2,425.0)	\$ (3,417.2)	\$ (992.2)	(29.0%)
Budget Deficit	\$ (1,832.8)	\$ (1,695.2)	\$ 137.6	8.1%
Assets:				
Cash & Other Monetary Assets	\$ 1,177.7	\$ 922.2	\$ 255.5	27.7%
Inventory and Related Property, Net	\$ 447.3	\$ 423.0	\$ 24.3	5.7%
Loans Receivable, Net	\$ 1,751.0	\$ 1,695.1	\$ 55.9	3.3%
Property, Plant & Equipment, Net	\$ 1,313.0	\$ 1,235.0	\$ 78.0	6.3%
Other	\$ 973.1	\$ 1,143.8	\$ (170.7)	(14.9%)
Total Assets	\$ 5,662.1	\$ 5,419.1	\$ 243.0	4.5%
Liabilities:				
Federal Debt and Interest Payable	\$ (28,338.9)	\$ (26,347.7)	\$ 1,991.2	7.6%
Federal Employee and Veteran Benefits Payable	\$ (15,033.4)	\$ (14,347.6)	\$ 685.8	4.8%
Other	\$ (2,173.6)	\$ (2,203.0)	\$ (29.4)	(1.3%)
Total Liabilities	\$ (45,545.9)	\$ (42,898.3)	\$ 2,647.6	6.2%
Net Position	\$ (39,883.8)	\$ (37,479.2)	\$ 2,404.6	6.4%
SUSTAINABILITY MEASURES (Dollars in Trillions)				
Social Insurance Net Expenditures:				
Social Security (OASDI)	\$ (25.4)	\$ (25.2)	\$ 0.2	0.8%
Medicare (Parts A, B, & D)	\$ (52.8)	\$ (53.1)	\$ (0.3)	(0.6%)
Other	\$ (0.1)	\$ (0.1)	\$ -	0.0%
Total Social Insurance Net Expenditures	\$ (78.3)	\$ (78.4)	\$ (0.1)	(0.1%)
Total Federal Non-Interest Net Expenditures	\$ (72.7)	\$ (73.2)	\$ (0.5)	(0.7%)
75-Year Fiscal Gap (Percent of Gross Domestic Product)¹	(4.3%)	(4.5%)	(0.1%)	(2.2%)

¹ To prevent the debt-to-GDP ratio from rising over the next 75 years, a combination of non-interest spending reductions and receipts increases that amounts to 4.3 percent of GDP on average is needed (4.5 percent of GDP on average in FY 2023). Totals may not equal sum of components due to rounding. See Financial Statement Note 24.

* Change in presentation (see Financial Statement Note 1.W).

Table 1 on the previous page and the following summarize the federal government's financial position:

- During FY 2024, the budget deficit increased by \$137.6 billion (8.1 percent) to \$1.8 trillion. However, net operating cost decreased by \$992.2 billion (29.0 percent) to \$2.4 trillion. The primary contributor to the difference between the deficit and net operating cost is an increase in the liability for federal employee and veteran benefits payable that affects the government's current year costs but does not affect the current year budget deficit.
- The government's gross costs of \$7.8 trillion, less \$652.9 billion in revenues earned for goods and services provided to the public (e.g., Medicare premiums, national park entry fees, and postal service fees), plus \$283.6 billion in net losses from changes in assumptions (e.g., interest rates, inflation, disability claims rates) yields the government's net cost of \$7.4 trillion, a decrease of \$479.9 billion or 6.1 percent compared to FY 2023.
- Net cost decreased but is subject to both cost increases and decreases across the government. For example, the largest decrease was due to significant decreases in losses stemming from changes in assumptions affecting cost and liability estimates for the government's employee and veteran benefits. The largest increase was to interest on the federal debt.
- Total tax and other revenues increased \$512.3 billion to \$5.0 trillion. Deducting these revenues from net cost results in a "bottom line" net operating cost of \$2.4 trillion for FY 2024, a decrease of \$992.2 billion or 29.0 percent compared to FY 2023.
- Comparing total FY 2024 government assets of \$5.7 trillion (including \$1.8 trillion of loans receivable, net and \$1.3 trillion of PP&E) to total liabilities of \$45.5 trillion (including \$28.3 trillion in federal debt and interest payable³, and \$15.0 trillion of federal employee and veteran benefits payable) yields a negative net position of \$39.9 trillion.
- The budget deficit is primarily financed through borrowing from the public. As of September 30, 2024, debt held by the public, excluding accrued interest, was \$28.3 trillion. This amount, plus intra-governmental debt (\$7.1 trillion) equals gross federal debt, which, with some adjustments, is subject to the statutory debt limit. As of September 30, 2024, the government's total debt subject to the debt limit was \$35.4 trillion. On June 3, 2023, P.L. 118-5 was enacted, suspending the debt limit through January 1, 2025. See Note 29—Subsequent Events, for developments since the end of the fiscal year.

This *Financial Report* also contains information about projected impacts on the government's future financial condition. Under federal accounting rules, social insurance amounts as reported in both the SLTFP and in the SOSI are not considered liabilities of the government. From Table 1:

- The SLTFP shows that the PV⁴ of total non-interest spending, including Social Security, Medicare, Medicaid, defense, and education, etc., over the next 75 years, under current policy, is projected to exceed the PV of total receipts by \$72.7 trillion (total federal non-interest net expenditures from Table 1).
- The SOSI shows that the PV of the government's expenditures for Social Security and Medicare Parts A, B and D, and other social insurance programs over 75 years is projected to exceed social insurance revenues⁵ by about \$78.3 trillion, remaining largely unchanged, decreasing by approximately \$100.0 billion compared to the social insurance projections presented in the 2023 *Financial Report*.
- The Social Insurance and Total Federal Non-Interest Net Expenditures measures in Table 1 differ primarily because total non-interest net expenditures from the SLTFP include the effects of general revenues and non-social insurance spending, neither of which is included in the SOSI.

The government's current financial position and long-term financial condition can be evaluated both in dollar terms and in relation to the economy. GDP is a measure of the size of the nation's economy in terms of the total value of all final goods and services that are produced in a year. Considering financial results relative to GDP is a useful indicator of the economy's capacity to sustain the government's many programs. For example:

- The budget deficit increased from \$1.7 trillion in FY 2023 to \$1.8 trillion in FY 2024. The deficit-to-GDP ratio also increased from 6.3 percent in FY 2023 to 6.4 percent in 2024.
- The budget deficit is primarily financed through borrowing from the public. As of September 30, 2024, the \$28.3 trillion in debt held by the public, excluding accrued interest, equates to 98 percent of GDP.
- The 2024 SOSI projection of \$78.3 trillion net PV excess of expenditures over receipts over 75 years represents about 4.2 percent of the PV of GDP over 75 years. The excess of total projected non-interest spending over receipts of \$72.7 trillion from the SLTFP represents 3.6 percent of GDP over 75 years. As discussed in this *Financial Report*, changes in policy can, in turn, have a significant impact on projected debt as a percent of GDP.

³ On the government's Balance Sheet, federal debt and interest payable consists of Treasury securities, net of unamortized discounts and premiums, and accrued interest payable. The "public" consists of individuals, corporations, state and local governments, FRB, foreign governments, and other entities outside the federal government.

⁴ PVs recognize that a dollar paid or collected in the future is worth less than a dollar today because a dollar today could be invested and earn interest. To calculate a PV, future amounts are thus reduced using an assumed interest rate, and those reduced amounts are summed.

⁵ Social Security is funded by the payroll taxes and revenue from taxation of benefits. Medicare Part A is funded by the payroll taxes, revenue from taxation of benefits, and premiums that support those programs. Medicare Parts B and D are primarily financed by transfers from the General Fund, which are presented, and by accounting convention, eliminated in the SOSI. For the FYs 2024 and 2023 SOSI, the amounts eliminated totaled \$50.2 trillion and \$48.5 trillion, respectively. In addition, the SOSI programs include DOL's Black Lung Program, the projection period for which is 25 years.

- The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024. Under current policy and based on this report's assumptions, it is projected to reach 535 percent by 2099. The projected continuous rise of the debt-to-GDP ratio indicates that current policy is unsustainable. To prevent the debt-to-GDP ratio from rising over the next 75 years, a combination of non-interest spending reductions and receipts increases that amounts to 4.3 percent of GDP on average is needed (4.5 percent of GDP on average in the 2023 projections).

FY 2024 Financial Statement Audit Results

For FY 2024, GAO issued a disclaimer of audit opinion on the accrual-based, government-wide financial statements, as it has for the past 27 years, due to certain material weaknesses in internal control over financial reporting and other limitations on the scope of its work. In addition, GAO issued a disclaimer of opinion on the sustainability financial statements due to significant uncertainties primarily related to the achievement of projected reductions in Medicare cost growth and certain other limitations. GAO's audit report on page 208 of this *Financial Report*, discusses GAO's findings.

In FY 2024, 18 of the 24 entities required to issue audited financial statements under the CFO Act received unmodified audit opinions, as did 13 of 16 additional significant consolidation entities (see Table 10 and Appendix A).⁶

The Government-wide Reporting Entity

This *Financial Report* includes the financial status and activities of the executive, legislative, and judicial branches of the federal government. SFFAS No. 47, *Reporting Entity*, provides criteria for identifying organizations that are consolidation entities, disclosure entities, and related parties. Such criteria are summarized in Note 1.A, Significant Accounting Policies, Reporting Entity, and in Appendix A, which lists the entities included in this *Financial Report* by these categories. The assets, liabilities, results of operations, and related activity for consolidation entities are consolidated in the financial statements.

Fannie Mae and Freddie Mac meet the criteria for disclosure entities and, consequently, are not consolidated into the government's financial statements. However, the values of the investments in such entities, changes in value, and related activity with these entities are included in the consolidated financial statements. The FR System and the SPVs are disclosure entities and are not consolidated into the government's financial statements. See Note 1.A and Note 27—Disclosure Entities and Related Parties for additional information. In addition, per SFFAS No. 31, *Accounting for Fiduciary Activities*, fiduciary funds are not consolidated in the government financial statements.⁷

Most significant consolidation entities prepare financial statements that include financial and performance related information, as well as Annual Performance Reports. More information may be obtained from entities' websites indicated in Appendix A and at <https://www.performance.gov/>.

The following pages contain a more detailed discussion of the government's financial results for FY 2024, the *Budget*, the economy, the debt, and a long-term perspective about fiscal sustainability, including the government's ability to meet its social insurance benefits obligations. The information in this *Financial Report*, when combined with the *Budget*, collectively presents information on the government's financial position and condition.

Accounting Differences Between the Budget and the Financial Report

Each year, the administration issues two reports that detail the government's financial results: the *Budget* and this *Financial Report*. The exhibit on the following page provides the key characteristics and differences between the two documents.

Treasury generally prepares the financial statements in this *Financial Report* on an accrual basis of accounting as prescribed by GAAP for federal entities.⁸ These principles are tailored to the government's unique characteristics and circumstances. For example, entities prepare a uniquely structured "Statement of Net Cost," which is intended to present net government resources used in its operations. Also, unique to government is the preparation of separate statements to reconcile differences and articulate the relationship between the *Budget* and the *Financial Report*.

⁶ The 18 entities include the HHS, which received disclaimers of opinions on its 2024, 2023, 2022, 2021, and 2020 SOSI and its 2024 and 2023 SCSIA. The 13 additional significant entities include the FDIC, the NCUA, and the FCSIC, which report their audited financial statements on a calendar year basis (December 31 year-end). Statistic reflects 2023 audit results for these organizations if 2024 results are not available.

⁷ See Note 23—Fiduciary Activities.

⁸ Under GAAP, most U.S. government revenues are recognized on a 'modified cash' basis, (see Financial Statement Note 1.B). The SOSI presents the PV of the estimated future revenues and expenditures for scheduled benefits over the next 75 years for the Social Security, Medicare, RRP; and 25 years for the Black Lung program. The SLTFP presents the 75-year PV of the projected future receipts and non-interest spending for the federal government.

Budget of the U.S. Government	Financial Report of the U.S. Government
<p><u>Prepared primarily on a “cash basis”</u></p> <ul style="list-style-type: none"> Initiative-based and prospective: focus on current and future initiatives planned and how resources will be used to fund them. Receipts (“cash in”), taxes and other collections recorded when received. Outlays (“cash out”), largely recorded when payment is made. 	<p><u>Prepared on an “accrual basis” and “modified cash basis”</u></p> <ul style="list-style-type: none"> Entity-based and retrospective – prior and present resources used to implement initiatives. Revenue: Tax revenue (more than 90.0 percent of total revenue) recognized on modified cash basis (see Financial Statement Note 1.B). Remainder recognized when earned, but not necessarily received. Costs: recognized when incurred, but not necessarily paid.

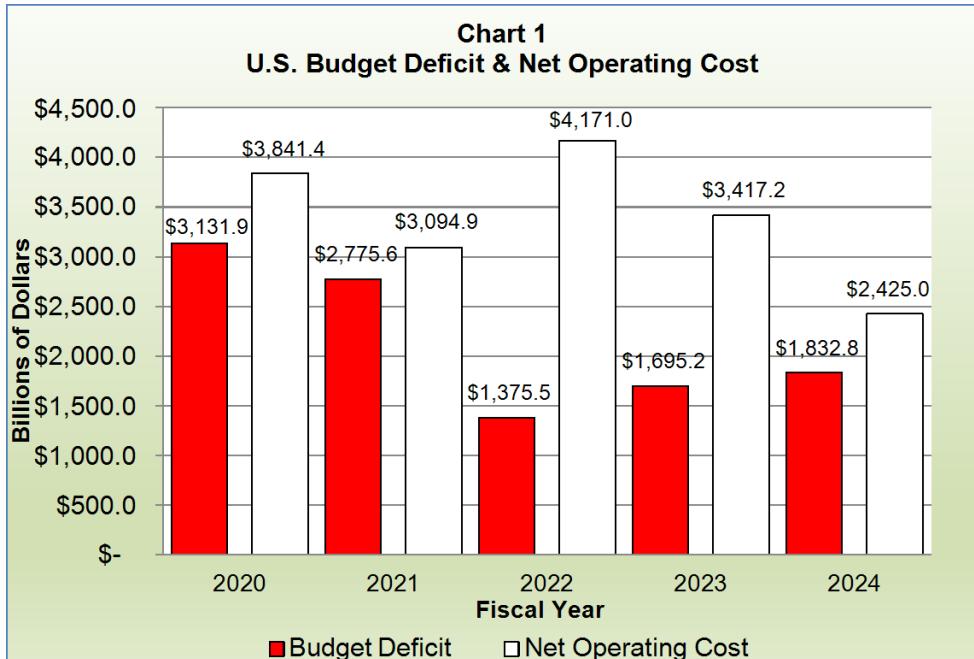
Budget Deficit vs. Net Operating Cost

Three key components of the *Budget* process are: 1) appropriations; 2) obligations; and 3) outlays. An appropriation is a provision of law authorizing the expenditure of funds for a given purpose. Rescissions and cancellations are reductions in law of budgetary resources. They are considered permanent reductions unless legislation clearly indicates that the reduction is temporary. Once funds are appropriated by Congress, Treasury issues warrants that officially establish the amounts available to be obligated and spent (i.e., expended or outlaid) by each agency. An agency’s obligation of funds is a binding agreement to outlay funds for a particular purpose immediately or in the future. The budget deficit is measured as the excess of outlays, or payments made by the government, over receipts, or cash received by the government.

Net operating cost, calculated on an accrual basis, is the excess of costs (what the government has incurred but has not necessarily paid) over revenues (what the government has collected and expects to collect but has not necessarily received). As shown in Chart 1, net operating cost typically exceeds the budget deficit due largely to the inclusion of cost accruals associated with increases in estimated liabilities for the government’s postemployment benefit programs for its military and civilian employees and veterans as well as environmental liabilities.

The government’s primarily cash-based⁹ budget deficit increased by \$137.6 billion (8.1 percent) from approximately \$1.7 trillion in FY 2023 to about \$1.8 trillion in FY 2024 due to a \$479.4 billion increase in receipts which was more than offset by a \$617.0 billion increase in outlays in FY 2024. The increase in receipts can be attributed to increases in individual and corporation income tax receipts and in social insurance and retirement receipts. The increase in outlays in part reflects the reduction in FY 2023 outlays due to the Supreme Court’s 2023 decision in Biden v. Nebraska regarding certain student loan programs. It also reflects increases in spending on Interest on the Public Debt, largely due to an increase in the outstanding debt held by the public and an increase in the average interest rates, as well as spending increases for Social Security, defense, and Medicare. These were offset by significant spending decreases at FDIC, the Pension Guaranty Fund, and SNAP.¹⁰

Treasury’s [September 2024 MTS](#) provides FY 2024 receipts, spending, and deficit information for this *Financial Report*. The MTS presents primarily cash-based spending, or outlays, for the fiscal year in a number of ways, including by month, by entity, and by budget function classification. The *Budget* is divided into approximately 20 categories, or budget



⁹ Interest outlays on Treasury debt held by the public are recorded in the *Budget* when interest accrues, not when the interest payment is made. For federal credit programs, outlays are recorded when loans are disbursed, in an amount representing the PV cost to the government, commonly referred to as credit subsidy cost. Credit subsidy cost excludes administrative costs.

¹⁰ [10/18/24 press release – Joint Statement of Janet L. Yellen, Secretary of the Treasury, and Shalanda D. Young, Director of the Office of Management and Budget, on Budget Results for Fiscal Year 2024](#). Note that some amounts in this *Financial Report* reflect updates subsequent to publication of the press release.

functions, as a means of organizing federal spending by primary purpose (e.g., National Defense, Transportation, and Health). Multiple entities may contribute to one or more budget functions, and a single budget function may be associated with only one entity. For example, DOD, DHS, DOE, and multiple other entities administer programs that are critical to the broader functional classification of National Defense. DOD, OPM, and many other entities also administer Income Security programs (e.g., retirement benefits, housing, financial assistance). By comparison, the Medicare program is a budget function category unto itself and is administered exclusively at the federal level by HHS. Federal spending information by budget function and other categorizations may be found in the September 2024 MTS.¹¹

The government's largely accrual-based net operating cost decreased by \$992.2 billion (29.0 percent) to \$2.4 trillion during FY 2024. As discussed in this *Financial Report*, as the deficit is affected by changes in both receipts and outlays, so too are the government's net operating costs affected by changes in both revenues and costs.

The *Reconciliation of Net Operating Cost and Budget Deficit* statement articulates the relationship between the government's accrual-based net operating cost and the primarily cash-based budget deficit. The difference between the government's budget deficit and net operating cost is typically impacted by many variables. For example, as shown in Table 2, most of the \$592.2 billion net difference for FY 2024 is attributable to a \$685.8 billion net increase in liabilities for federal employee and veteran benefits payable (see Note 13—Federal Employee and Veteran Benefits Payable). Other differences include: 1) a \$106.3 billion decrease in advances and prepayments made by the federal government (see Note 9—Advances and Prepayments); 2) a \$65.4 billion non-cash earned revenue related to investments in government-sponsored enterprises (see Note 7—Investment in Government-Sponsored Enterprises); and 3) a \$145.6 billion timing difference when credit reform costs are recorded in the budget versus net operating cost (see Note 4—Loans Receivable, Net and Loan Guarantees).

Table 2: Net Operating Cost vs. Budget Deficit

Dollars in Billions	2024	2023*
Net Operating Cost	\$ (2,425.0)	\$ (3,417.2)
Changes in:		
Federal Employee and Veteran Benefits Payable	\$ 685.8	\$ 1,535.7
Advances and Prepayments	\$ 106.3	\$ 45.4
Investments in Government-Sponsored Enterprises	\$ (65.4)	\$ (16.7)
Timing Differences - Credit Reform Costs	\$ (145.6)	\$ 24.5
Other, Net	\$ 11.1	\$ 133.1
Subtotal - Net Difference:	\$ 592.2	\$ 1,722.0
Budget Deficit	\$ (1,832.8)	\$ (1,695.2)

*Change in presentation (see Financial Statement Note 1.W)

The Government's Net Position: “Where We Are”

The government's financial position and condition have traditionally been expressed through the *Budget*, focusing on surpluses, deficits, and debt. However, this primarily cash-based discussion of the government's net outlays (deficit) or net receipts (surplus) tells only part of the story. The government's accrual-based net position, (the difference between its assets and liabilities), and its “bottom line” net operating cost (the difference between its revenues and costs) are also key financial indicators.

Costs and Revenues

The government's Statement of Operations and Changes in Net Position, much like a corporation's income statement, shows the government's “bottom line” and its impact on net position (i.e., assets net of liabilities). To derive the government's “bottom line” net operating cost, the Statement of Net Cost first shows how much it costs to operate the federal government, recognizing expenses when incurred, regardless of when payment is made (accrual basis). It shows the derivation of the government's net cost or the net of: 1) gross costs, or the costs of goods produced and services rendered by the government; 2) the earned revenues generated by those goods and services during the fiscal year; and 3) gains or losses from changes in actuarial assumptions used to estimate certain liabilities. This amount, in turn, is reduced by the government's taxes and other revenue reported in the Statement of Operations and Changes in Net Position to calculate the “bottom line” or net operating cost.

¹¹ Final MTS for FY 2024 through September 30, 2024 and Other Periods.

Table 3: Gross Cost, Revenues, Net Cost, and Net Operating Cost

Dollars in Billions	2024	2023	Increase / (Decrease)	
	\$ (7,772.2)	\$ (7,661.7)	\$ 110.5	1.4%
Gross Cost	\$ (7,772.2)	\$ (7,661.7)	\$ 110.5	1.4%
Less: Earned Revenue	\$ 652.9	\$ 539.5	\$ 113.4	21.0%
Gain/(Loss) from Changes in Assumptions	\$ (283.6)	\$ (760.6)	\$ (477.0)	(62.7%)
Net Cost	\$ (7,402.9)	\$ (7,882.8)	\$ (479.9)	(6.1%)
Less: Tax and Other Revenues	\$ 4,977.9	\$ 4,465.6	\$ 512.3	11.5%
Net Operating Cost	\$ (2,425.0)	\$ (3,417.2)	\$ (992.2)	(29.0%)

Table 3 shows that the government's "bottom line" net operating cost decreased \$992.2 billion (29.0 percent) during 2024 from \$3.4 trillion to \$2.4 trillion. This decrease is due mostly to a \$479.9 billion (6.1 percent) decrease in net costs, combined with a \$512.3 billion (11.5 percent) increase in tax and other revenues over the past fiscal year as discussed in the following.

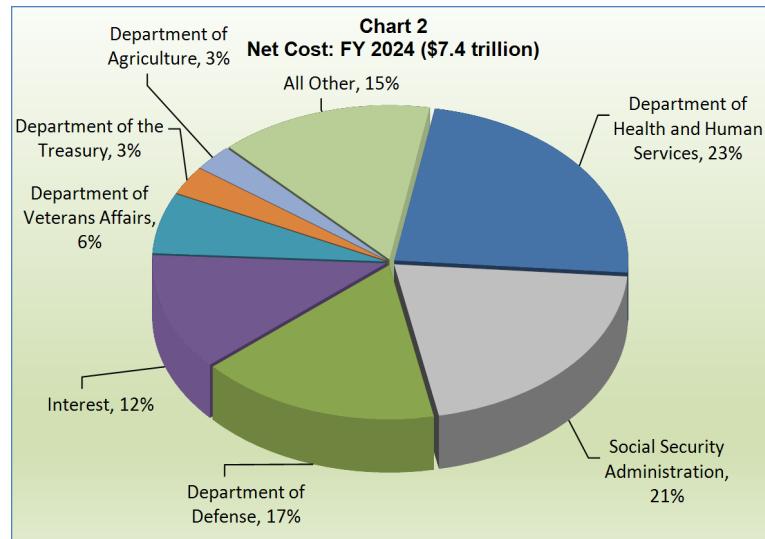
Gross Cost and Net Cost

The FY 2024 Statement of Net Cost starts with the government's total gross costs of \$7.8 trillion, subtracts \$652.9 billion in revenues earned for goods and services provided (e.g., Medicare premiums, national park entry fees, and postal service fees), and adjusts the balance for gains or losses from changes in actuarial assumptions used to estimate certain liabilities (\$283.6 billion loss), including federal employee and veteran benefits to derive its net cost of \$7.4 trillion, a \$479.9 billion (6.1 percent) decrease compared to FY 2023.

Typically, the annual change in the government's net cost is the result of a variety of offsetting increases and decreases across entities. Offsetting changes in federal entity net cost during FY 2024 included:

- Entities administering federal employee and veteran benefits programs employ a complex series of assumptions, including but not limited to interest rates, beneficiary eligibility, life expectancy, and medical cost levels, to make actuarial projections of their long-term benefits liabilities. Changes in these assumptions can result in either losses (net cost increases) or gains (net cost decreases). Across the government, these net losses from changes in assumptions amounted to \$283.6 billion in FY 2024, a net loss (and a corresponding net cost) decrease of \$477.0 billion compared to FY 2023. The primary entities that administer programs impacted by these assumptions – typically federal employee pension and benefit programs – are the [VA](#), [DOD](#), and [OPM](#). VA recorded a gain from changes in assumptions of \$37.7 billion and DOD and OPM recorded losses in the amounts of \$236.7 billion and \$83.8 billion, respectively. These actuarial estimates and the resulting gains or losses from changes in assumptions can sometimes cause significant swings in total entity costs from year to year. For example, for FY 2024, net cost decreases at OPM (\$6.9 billion) and VA (\$983.3 billion), and a net cost increase at DOD (\$229.0 billion), were significantly impacted by the corresponding changes in gains or losses from assumption changes at these entities. For example:

- A \$983.3 billion decrease in [VA](#) net cost was impacted largely by a \$37.7 billion gain from changes in assumptions for FY 2024 as referenced above, compared to a \$558.8 billion loss for FY 2023, which combine to result in a cost decrease effect of \$596.5 billion. VA net costs also decreased because the actuarial present value cost of the Sergeant First Class Heath Robinson Honoring our Promise to Address Comprehensive Toxins (PACT) Act, which expanded and extended eligibility for veterans' benefits, was recognized as an expense for 2023 and there was no similar expense in 2024.
- The \$229.0 billion increase in [DOD](#) net cost is primarily due to a \$147.4 billion increase in losses from changes in assumptions referenced above. While losses from changes in assumptions represented the largest increase, the majority (more than 80 percent) of DOD costs are attributable to a wide range of functions, including military operations, readiness, and support; procurement; military personnel; and R&D.
- The \$81.4 billion decrease in [Treasury](#) net costs is largely due to a decrease in costs associated with Treasury's pandemic relief programs and a \$48.7 billion increase in earned revenue associated with the GSE (Fannie Mae and

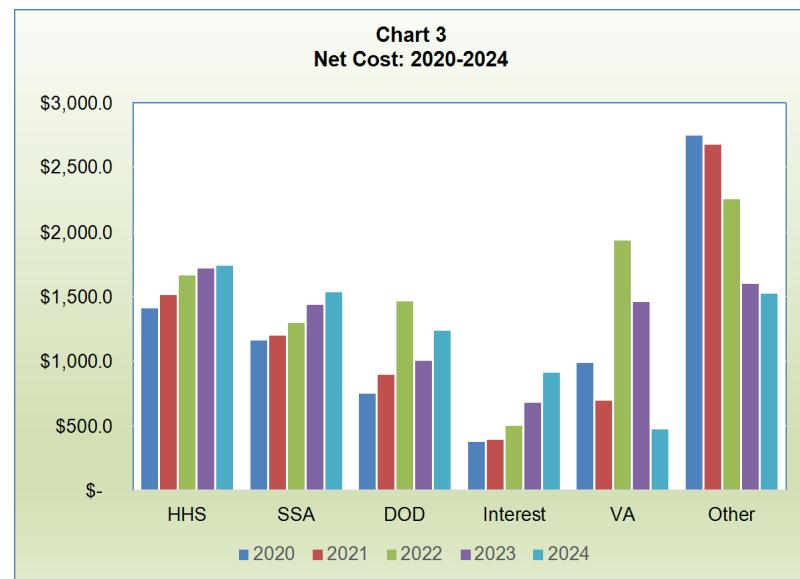


Freddie Mac) investments. GSE earned revenue is driven by fair value changes to Treasury's GSE investments and changes to the liquidation preference of Treasury's GSE senior preferred stock. The asset value of these investments grew by \$65.4 billion during FY 2024, reflecting a fair value valuation gain in senior preferred stock and warrants of \$36.7 billion, coupled with a \$28.7 billion growth in the liquidation preference of the senior preferred stock.

- A \$173.2 billion increase at [Education](#), due primarily to a large increase in subsidy expenses for Education's student loan programs, resulting from differences in the amounts of loan modifications and subsidy reestimates that occurred during FYs 2023 and 2024. Education's costs can fluctuate significantly each year as a result of changes in estimated subsidy expenses—primarily subsidy expenses for direct loans. The primary components of subsidy expenses include year-end subsidy reestimates and loan modifications. Education's FY 2024 costs were also impacted by: 1) a \$16.9 billion net upward loan reestimate of the costs of its existing loan portfolio; and 2) \$2.1 billion in upward modifications. Modifications and reestimates affecting FY 2023 net cost reflect the reversal of the proposed broad-based student loan debt relief as a result of the Supreme Court's ruling in *Biden v Nebraska*.

- A \$24.1 billion net cost increase at [HHS](#) was primarily due to a \$21.4 billion net increase in Medicare benefit expenses, which includes increases in Medicare SMI and HI.
- A \$97.4 billion increase at [SSA](#), due to a 2.9 percent increase in the number of OASI beneficiaries, and the 3.2 percent COLA provided to beneficiaries in 2024. The OASI, DI, and SSI net cost increased by 5.7 percent, 7.4 percent, and 4.8 percent, respectively. Total benefit expenses increased by \$96.4 billion or 6.8 percent.
- A \$231.1 billion increase in [interest on debt held by the public](#) to \$909.1 trillion for FY 2024 (the largest increase for FY 2024), primarily attributable to an increase in the outstanding debt held by the public and increase in the average interest rates.

Chart 2 shows the composition of the government's net cost for FY 2024, and Chart 3 shows the five-year trend in the largest agency cost components. In FY 2024, approximately 85 percent of the federal government's total net cost came from only six agencies ([HHS](#), [SSA](#), [DOD](#), [VA](#), [Treasury](#), [USDA](#)), and interest on the debt. The other 150-plus entities included in the government's FY 2024 Statement of Net Cost accounted for a combined 15 percent of the government's total net cost for FY 2024. HHS and SSA net costs for FY 2024 (\$1.7 trillion and \$1.5 trillion, respectively) are largely attributable to major social insurance programs administered by these entities. VA net costs of \$472.0 billion support health, education and other benefits programs for our nation's veterans. DOD net costs of \$1.2 trillion relate primarily to operations, readiness, and support; personnel; research; procurement; and retirement and health benefits. Treasury net costs of \$222.3 billion support a broad array of programs that promote conditions for sustaining economic growth and stability, protecting the integrity of our nation's financial system, and effectively managing the U.S. government's finances and resources. USDA net costs of \$203.1 billion support a wide range of programs that provide effective, innovative, science-based public policy leadership in agriculture, food and nutrition, natural resource protection and management, rural development, and related issues with a commitment to deliver equitable and climate-smart opportunities that inspire and help America thrive.



Tax and Other Revenues

As noted earlier, tax and other revenues from the Statement of Operations and Changes in Net Position are deducted from total net cost to derive the government's "bottom line" net operating cost. Chart 4 shows that total tax and other revenue increased by \$512.3 billion or 11.5 percent to \$5.0 trillion for FY 2024. This increase is attributable mainly to an overall growth in income tax collections, primarily from individuals and corporations. Earned revenues from Table 3 are not considered "taxes and other revenue" and, thus, are not shown in Chart 4. Individual income tax and tax withholdings and corporate income taxes accounted for about 82.1 percent and 10.7 percent of total tax and other revenue, respectively in FY 2024; other revenues from Chart 4 include Federal Reserve earnings, excise taxes, unemployment taxes, and customs duties.

As previously shown in Table 3, the increase in tax and other revenue combined with the decrease in net cost, to yield a \$992.2 billion decrease to the government's bottom line net operating cost of \$2.4 trillion for FY 2024.

Tax Expenditures

Tax and other revenues reported reflect the effects of tax expenditures, which are special exclusions, exemptions, deductions, tax credits, preferential tax rates, and tax deferrals that allow individuals and businesses to reduce taxes they may otherwise owe. Tax expenditures may be viewed as alternatives to other policy instruments, such as spending or regulatory programs. For example, the government supports college attendance through both spending programs and tax expenditures. The government uses Pell Grants to help low- and moderate-income students afford college and allows certain funds used to meet college expenses to grow tax free in special college savings accounts. Tax expenditures may include deductions and exclusions which reduce the amount of income subject to tax (e.g., deductions for personal residence mortgage interest). Tax credits, which reduce tax liability dollar for dollar for the amount of credit (e.g., child tax credit), are also considered tax expenditures. Tax expenditures may also allow taxpayers to defer tax liability.

Receipts in the calculation of surplus or deficit, and tax revenues in the calculation of net position, reflect the effect of tax expenditures. As discussed in more detail in the Other Information section of this *Financial Report*, tax expenditures will generally lower federal government receipts although tax expenditure estimates do not necessarily equal the increase in federal revenues (or the change in the *Budget* balance) that would result from repealing these special provisions.

Tax expenditures are reported annually in the Analytical Perspectives of the *Budget*. In addition, current and past tax expenditure estimates and descriptions can be found at the following location from Treasury's Office of Tax Policy: <https://home.treasury.gov/policy-issues/tax-policy/tax-expenditures>.

Assets and Liabilities

The government's net position at the end of the fiscal year is derived by netting the government's assets against its liabilities, as presented in the Balance Sheet (summarized in Table 4). The Balance Sheet does not include the financial value of the government's sovereign powers to tax, regulate commerce, or set monetary policy or value of nonoperational resources of the government, such as national and natural resources, for which the government is a steward. In addition, as is the case with the Statement of Operations and Changes in Net Position, the Balance Sheet includes a separate presentation of the portion of net position related to funds from dedicated collections. Moreover, the government's exposures are broader than the liabilities presented on the Balance Sheet. The government's future social insurance exposures (e.g., Medicare and Social Security) as well as other fiscal projections, commitments and contingencies, are reported in separate statements and disclosures. This information is discussed later in this MD&A section, the financial statements, and RSI sections of this *Financial Report*.

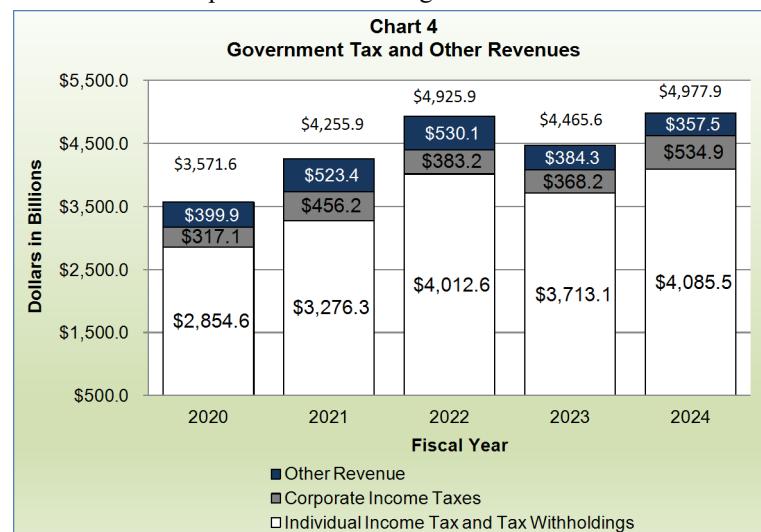


Table 4: Assets and Liabilities

Dollars in Billions	2024	2023*	Increase / (Decrease)
			\$ %
Assets			
Cash & Other Monetary Assets	\$ 1,177.7	\$ 922.2	\$ 255.5 27.7%
Inventory and Related Property, Net	\$ 447.3	\$ 423.0	\$ 24.3 5.7%
Loans Receivable, Net	\$ 1,751.0	\$ 1,695.1	\$ 55.9 3.3%
Property, Plant & Equipment, Net	\$ 1,313.0	\$ 1,235.0	\$ 78.0 6.3%
Other	\$ 973.1	\$ 1,143.8	\$ (170.7) (14.9%)
Total Assets	\$ 5,662.1	\$ 5,419.1	\$ 243.0 4.5%
Less: Liabilities, comprised of:			
Federal Debt and Interest Payable	\$ (28,338.9)	\$ (26,347.7)	\$ 1,991.2 7.6%
Federal Employee and Veteran Benefits Payable	\$ (15,033.4)	\$ (14,347.6)	\$ 685.8 4.8%
Other	\$ (2,173.6)	\$ (2,203.0)	\$ (29.4) (1.3%)
Total Liabilities	\$ (45,545.9)	\$ (42,898.3)	\$ 2,647.6 6.2%
Net Position	\$ (39,883.8)	\$ (37,479.2)	\$ 2,404.6 6.4%

* *Change in Presentation (See Note 1.W)

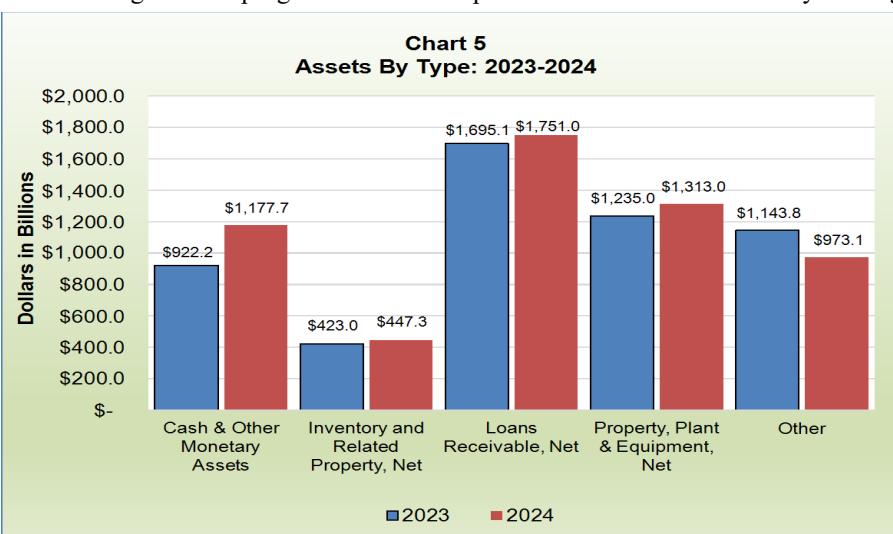
Assets

From Table 4, as of September 30, 2024, 82.8 percent of the government's \$5.7 trillion in reported assets is comprised of: 1) cash and other monetary assets (\$1.2 trillion); 2) inventory and related property, net (\$447.3 billion); 3) loans receivable, net (\$1.8 trillion); and 4) net PP&E (\$1.3 trillion).¹² Chart 5 compares the balances of these and other Balance Sheet amounts as of September 30, 2024, and 2023.

Cash and other monetary assets (\$1.2 trillion) is comprised largely of the operating cash of the U.S. government. Operating cash held by Treasury, which represents balances from tax collections, federal debt receipts, and other various receipts net of cash outflows for federal debt repayments and other payments, increased \$231.9 billion (36.3 percent) to \$870.8 billion (see Note 2—Cash and Other Monetary Assets).

Inventory and related property (\$447.3 billion) is comprised of inventory; OM&S; stockpile materials; commodities; and seized, forfeited, and foreclosed property. Inventory is tangible personal property that is either held for sale, in the process of production for sale, or to be consumed in the production of goods for sale or in the provision of services for a fee (e.g., raw materials, finished goods, spare and repair parts, clothing and textiles, and fuels). OM&S consists of tangible personal property to be consumed in normal operations (e.g., spare and repair parts, ammunition, and tactical missiles). Stockpile materials are strategic and critical materials held due to statutory requirements for use in national defense, conservation, or local/national emergencies. Contributing agencies include [DOD](#) and [DOE](#), (see Note 5—Inventory and Related Property, Net).

The federal government's direct loans and loan guarantee programs are used to promote the nation's welfare by making financing available to segments of the population not served adequately by non-federal institutions, or otherwise providing for certain activities or investments. For those unable to afford credit at the market rate, federal credit programs provide subsidies in the form of direct loans offered at an interest rate lower than the market rate. For those to whom non-federal financial institutions are reluctant to grant credit because of the high risk involved, federal credit programs guarantee the payment of these non-federal loans and absorb the cost of defaults. For example, [Education](#) supports individuals engaged in education programs through a variety of student



¹² For financial reporting purposes, other than multi-use heritage assets, stewardship assets of the government are not recorded as part of PP&E. Stewardship assets are comprised of stewardship land and heritage assets. Stewardship land primarily consists of public domain land (e.g., national parks, wildlife refuges). Heritage assets include national monuments and historical sites that among other characteristics are of historical, natural, cultural, educational, or artistic significance. See Note 26—Stewardship Property Plant, and Equipment.

loan, grant and other assistance programs. [USDA](#) administers loan programs to support the nation's farming and agriculture community. [HUD](#) loan programs support affordable homeownership, as well as the construction and rehabilitation of housing projects for the elderly and persons with disabilities. [SBA](#) loan programs enable the establishment and vitality of small businesses and assist in the economic recovery of communities after disasters. Loans receivable consists primarily of direct loans disbursed by the government, receivables related to guaranteed loans that have defaulted, and certain receivables for guaranteed loans that the government has purchased from lenders. The federal government's loan receivable, net increased by \$55.9 billion (3.3 percent) to \$1.8 trillion during FY 2024, with Education and SBA together accounting for nearly three-fourths of the total.

Loan guarantee programs are another form of federal lending. For those to whom non-federal financial institutions are reluctant to grant credit because of the high risk involved, federal credit programs guarantee the payment of these non-federal loans and absorb the cost of defaults. Significant changes to the federal government's loans receivable, net, and loan guarantees, as discussed in Note 4, include:

- [Education](#) has loan programs that are authorized by Title IV of the *Higher Education Act of 1965*. The William D. Ford Federal Direct Loan Program (referred to as the Direct Loan Program), was established in FY 1994 and offers four types of educational loans: Stafford, Unsubsidized Stafford, Parent Loan for Undergraduate Students, and consolidation loans. Education's net loans receivable for its Direct Loan Program totaled \$1.0 trillion, slightly greater than FY 2023 and 59.5 percent of total loans receivable, net.
- [SBA](#) makes loans to microloan intermediaries and provides a direct loan program that assists homeowners, renters and businesses recover from disasters. SBA's Disaster Assistance Loan Program makes direct loans to disaster survivors under four categories: 1) physical disaster loans to repair or replace damaged homes and personal property; 2) physical disaster loans to businesses of any size; 3) EIDLs to eligible small business and nonprofit organizations without credit available elsewhere; and 4) economic injury loans to eligible small businesses affected by essential employees called up to active duty in the military reserves. In FY 2024 SBA's credit program receivables decreased by \$14.5 billion from FY 2023 due to collections of existing balances exceeding new loans.
- Loans Receivable also includes Treasury's \$94.5 billion in notes issued by trusts created by FDIC in its receivership capacity and backed by a guarantee from the FDIC in its corporate capacity.

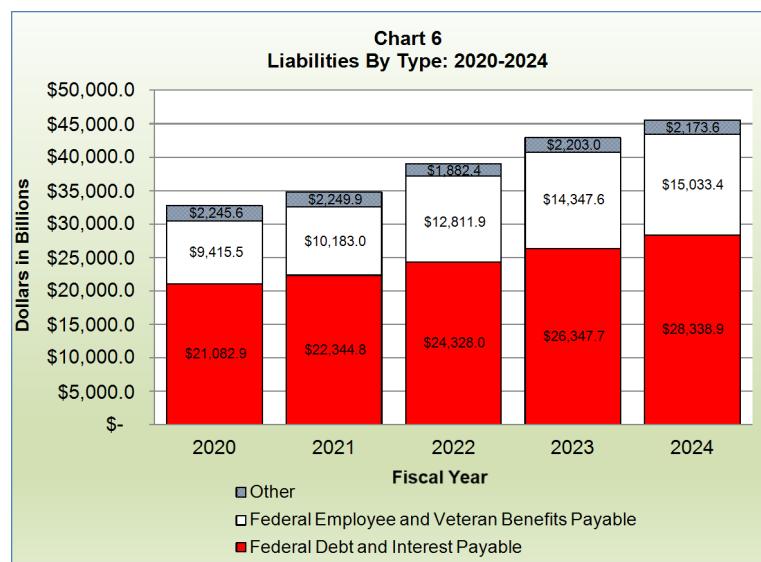
Federal government PP&E includes many of the physical resources that are vital to the federal government's ongoing operations, including buildings, structures, facilities, equipment, internal use software, and general-purpose land. DOD comprises approximately 64.7 percent of the government's reported PP&E of \$1.3 trillion as of September 30, 2024. See Note 6—Property, Plant, and Equipment, Net.

"Other" assets of \$1.0 trillion in Table 4 and Chart 5 includes: 1) \$278.7 billion in accounts receivable, net; 2) \$146.4 billion in "Advances and Prepayments"; and 3) \$305.8 billion in Investments in GSEs. Taxes Receivable, which comprises approximately 52.7 percent of the government's reported accounts receivable, net, consist of uncollected tax assessments, penalties, and interest when taxpayers have agreed, or a court has determined the assessments are owed and unpaid taxes related to IRC section 965. Taxes receivable, net, decreased by \$43.7 billion during FY 2024, primarily due to the reduction in IRC 965(h). See Note 3—Accounts Receivable, Net. Advances and Prepayments represent funds disbursed in contemplation of the future performance of services, receipt of goods, the incurrence of expenditures, or the receipt of other assets. The \$106.3 billion decrease in this amount was largely attributable to a large decrease at Treasury due to advance liquidations related to the Coronavirus State and Local Fiscal Recovery Funds and the Community Development Financial Institutions Rapid Response and Equitable Recovery Programs Fund. A significant HHS decrease was due to Prescription Drug and Medicare Advantage benefit payments for October 1, 2023, that occurred on September 29, 2023 instead of October 1, 2023 (See Note 9—Advances and Prepayments). Investments in GSEs refers to actions taken by Treasury in the wake of the 2008 financial crisis to maintain the solvency of the GSEs (Fannie Mae and Freddie Mac) so they can continue to fulfill their vital roles in the mortgage market while the administration and Congress determine what structural changes should be made to the housing finance system. (See Note 7—Investment in Government-Sponsored Enterprises).

Liabilities

As indicated in Table 4 and Chart 6, of the government's \$45.5 trillion in total liabilities, the largest liability is federal debt and interest payable, the balance of which increased by \$2.0 trillion (7.6 percent) to \$28.3 trillion as of September 30, 2024.

The other major component of the government's liabilities is federal employee and veteran benefits payable (i.e., the government's pension and other benefit plans for its military and civilian employees), which increased \$0.7 trillion (4.8 percent) during FY 2024, to about \$15.0 trillion. This total amount is comprised of \$3.5 trillion in benefits payable for the current and retired civilian workforce, and \$11.6 trillion for the military and veterans. OPM administers the largest civilian pension plan, covering nearly 2.8 million active employees, including the Postal Service, and more than 2.7 million annuitants, including survivors. The DOD military pension plan covers about 2.1 million current military personnel (including active service, reserve, and National Guard) and approximately 2.4 million retirees and survivors.



Federal Debt

The budget surplus or deficit is the difference between total federal spending and receipts (e.g., taxes) in a given year. The government borrows from the public (increases federal debt levels) to finance deficits. During a budget surplus (i.e., when receipts exceed spending), the government typically uses those excess funds to reduce the debt held by the public. The Statement of Changes in Cash Balance from Budget and Other Activities reports how the annual budget surplus or deficit relates to the federal government's borrowing and changes in cash and other monetary assets. It also explains how a budget surplus or deficit normally affects changes in debt balances.

The government's federal debt and interest payable (Balance Sheet liability), which is comprised of publicly-held debt and accrued interest payable, increased \$2.0 trillion (7.6 percent) to \$28.3 trillion as of September 30, 2024. It is comprised of Treasury securities, such as bills, notes, and bonds, net of unamortized discounts and premiums issued or sold to the public; and accrued interest payable. The "public" consists of individuals, corporations, state and local governments, FRB, foreign governments, and other entities outside the federal government. As indicated above, budget surpluses have typically resulted in borrowing reductions, and budget deficits have conversely yielded borrowing increases. However, the government's debt operations are generally much more complex. Each year, trillions of dollars of debt matures and new debt is issued to take its place. In FY 2024, new borrowings were \$28.8 trillion, and repayments of maturing debt held by the public were \$26.9 trillion, both increases over FY 2023. The \$2.0 trillion increase in publicly held debt and accrued interest payable is largely attributable to the need to finance the government's operations.

Prior to 1917, Congress approved each debt issuance. In 1917, to facilitate planning in World War I, Congress and the President established a dollar ceiling for federal borrowing. With the *Public Debt Act of 1941* (P.L. 77-7), Congress and the President set an overall limit of \$65 billion on Treasury debt obligations that could be outstanding at any one time. Since then, Congress and the President have enacted a number of measures affecting the debt limit, including several in recent years. Congress and the President most recently suspended the debt limit from June 3, 2023 through January 1, 2025. It is important to note that increasing or suspending the debt limit does not increase spending or authorize new spending; rather, it permits the U.S. to continue to honor pre-existing commitments to its citizens, businesses, and investors domestically and around the world.

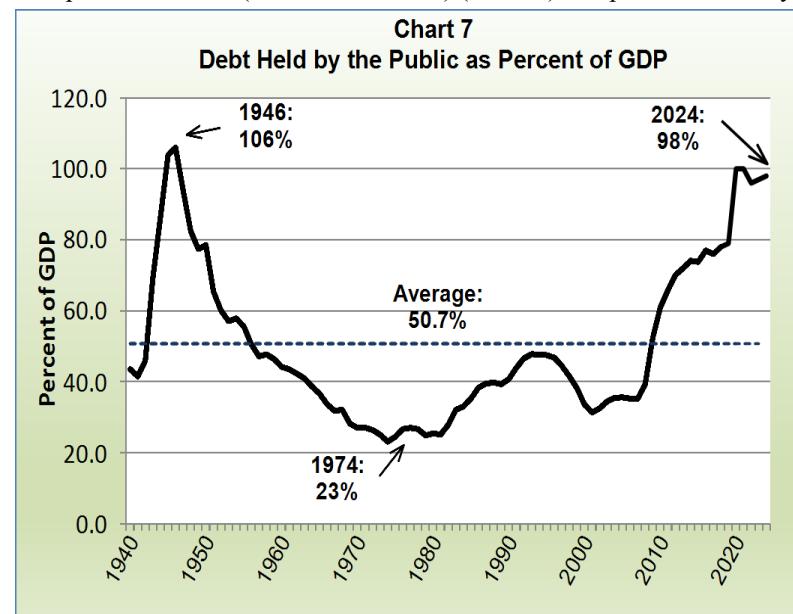
In addition to debt held by the public, the government has about \$7.1 trillion in intra-governmental debt outstanding, which arises when one part of the government borrows from another. It represents debt issued by Treasury and held by government accounts, including the Social Security (\$2.8 trillion) and Medicare (\$399.4 billion) Trust Funds. Intra-governmental debt is primarily held in government trust funds in the form of special nonmarketable securities by various parts of the government. Laws establishing government trust funds generally require excess trust fund receipts (including interest earnings) over disbursements to be invested in these special securities. Because these amounts are both liabilities of Treasury and assets of the government trust funds, they are eliminated as part of the consolidation process for the government-wide financial statements (see Financial Statement Note 12—Federal Debt and Interest Payable). When those securities are redeemed, e.g., to pay Social Security benefits, the government must obtain the resources necessary to reimburse the trust funds. The sum of debt held by the public and intra-governmental debt equals gross federal debt, which

(with some adjustments), is subject to a statutory ceiling (i.e., the debt limit). Note that when intra-governmental debt decreases, debt held by the public will increase by an equal amount (if the general account of the U.S. government is in deficit), so that there is no net effect on gross federal debt. At the end of FY 2024, debt subject to the statutory limit was \$35.4 trillion.¹³

The federal debt held by the public measured as a percent of GDP (debt-to-GDP ratio) (Chart 7) compares the country's debt to the size of its economy, making this measure sensitive to changes in both. Over time, the debt-to-GDP ratio has varied widely:

- For most of the nation's history, through the first half of the 20th century, the debt-to-GDP ratio has tended to increase during wartime and decline during peacetime.
- Chart 7 shows that wartime spending and borrowing pushed the debt-to-GDP ratio to an all-time high of 106 percent in 1946, soon after the end of World War II, but it decreased rapidly in the post-war years.
- The ratio grew rapidly from the mid-1970s until the early 1990s. Strong economic growth and fundamental fiscal decisions, including measures to reduce the federal deficit and implementation of binding PAYGO rules (which require that new tax or spending laws not add to the deficit), generated a significant decline in the debt-to-GDP ratio, from a peak of 48 percent in FYs 1993-1995, to 31 percent in 2001.
- The debt-to-GDP ratio rose significantly in 2008-2009 during the financial crisis and again in 2020-2021 during the pandemic reflecting the government's responses to both events and the resulting significant spending and deficit increases, as well as the economic challenges experienced during both periods.
- During the first decade of the 21st century, PAYGO rules were allowed to lapse, significant tax cuts were implemented, entitlements were expanded, and spending related to defense and homeland security increased. By September 2008, the debt-to-GDP ratio was 39 percent of GDP.
- PAYGO rules were reinstated in 2010, but the extraordinary demands of the 2008 economic and financial crisis and the consequent actions taken by the federal government, combined with slower economic growth in the wake of the crisis, pushed the debt-to-GDP ratio up to 74 percent by the end of FY 2014.
- The extraordinary demands of the pandemic, the government's response, and pressures on the economy contributed to a rise in the debt-to-GDP ratio to approximately 100 percent during FY 2020 and FY 2021.
- The debt was approximately 98 percent of GDP at the end of FY 2024. This ratio increased during FY 2024 because debt grew faster than GDP.^{14,15} From Chart 7, since 1940, the average debt-to-GDP ratio is 51 percent.

See Note 29—Subsequent Events for information about events that occurred after the end of the fiscal year that may affect the government's financial position and condition.



¹³ In FY 2023, Treasury faced a delay in raising the debt limit that required it to depart from its normal debt management procedures and invoke legal authorities to avoid exceeding the statutory debt limit. During this period, extraordinary measures taken by Treasury resulted in federal debt securities not being issued to certain federal government accounts with the securities being restored, including lost interest, to the affected government accounts subsequent to the end of the delay period. Due to the delay in raising the statutory debt limit, Treasury took extraordinary measures from January 19, 2023, through June 2, 2023. On June 3, 2023, P.L. 118-5 was enacted suspending the debt limit through January 1, 2025. Effective January 2, 2025, the statutory debt limit was set at \$36,104.0 billion. On December 27, 2024, the Secretary of the Treasury notified the Congress that the statutory debt limit is expected to be reached between January 14, 2025, and January 23, 2025, at which time it will be necessary for Treasury to start taking extraordinary measures to prevent the U.S. government from defaulting on its obligations. See Note 12—Federal Debt and Interest Payable and Note 29—Subsequent Events.

¹⁴ GDP, in this context, refers to nominal GDP.

¹⁵ The increase in debt of \$2.0 trillion was greater than the FY 2024 deficit of \$1.8 trillion primarily because of the additional \$229 billion in borrowing that was used to increase the federal government's cash balance partially offset by federal direct loan financing activity.

The Economy in FY 2024

An evaluation of U.S. macroeconomic performance helps to illuminate many aspects of the government's financial statements. In FY 2024, the economy maintained a solid, if somewhat slower, pace of growth; labor markets further rebalanced toward pre-pandemic norms; and inflation continued to ease, nearing the Federal Reserve's 2-percent target. Despite slower nominal wage growth, easing inflation led to stronger real wage gains and improved purchasing power for production and nonsupervisory workers.

As summarized in Table 5, the real GDP grew by 2.7 percent over the four quarters of FY 2024. Growth of real PCE accounted for the majority of total economic growth. Over the four quarters of FY 2024, PCE rose 3.0 percent—alone accounting for 2.0 percentage points of GDP growth. This pace of growth was over a half percentage point faster than PCE growth in the previous fiscal year. Public expenditures and business fixed investment also made solid additions to economic growth. Total government spending and investment added 0.6 percentage points to fiscal year growth—moderately softer than the 0.8 percentage point contribution in FY 2023—while business fixed investment accounted for 0.6 percentage points of real GDP growth in FY 2024, or just 0.1 percentage points less than the addition in the previous fiscal year. Notably, given solid contributions to growth in the first half of FY 2024, residential investment turned from a 0.2 percentage point subtraction from growth in FY 2023 to a 0.1 percentage point addition to growth this last fiscal year. Net exports (exports less imports) declined and reduced GDP growth¹⁶ by 0.5 percentage points in FY 2024, as imports rose 7.1 percent, exceeding the 4.6 percent rise of exports. In contrast net exports rose in FY 2023, contributing 0.2 percentage points to GDP growth. Finally, firms continued to build up inventories, but at a pace little changed from FY 2023, yielding an essentially flat contribution to GDP growth this year.

Labor markets saw in FY 2024 further normalization from pandemic-recovery tightness. Job creation, while substantial, slowed further. On average during FY 2024, employers added 197,000 payroll jobs per month—a pace that would have been considered strong before the pandemic but marked easing labor demand from the previous three fiscal years: in FY 2021, markets added 491,000 jobs on average per month; job growth stepped down to 486,000 in FY 2022 and fell to 261,000 on average per month throughout FY 2023. Meanwhile, the unemployment rate trended up during FY 2024. In the previous fiscal year, the unemployment rate fell to a 54-year low of 3.4 percent in January and April 2023. After April, this rate began to slowly increase, rising to 3.8 percent by the fiscal year's end and advancing another 0.3 percentage points to 4.1 percent by September 2024. Despite the uptrend, the unemployment rate at the end of FY 2024 was still historically low and 0.3 percentage points below the Congressional Budget Office's estimate of the noncyclical unemployment rate for 2024, suggesting the uptrend may have been an inevitable normalization of labor market conditions. Labor force participation held relatively steady between FY 2023 and FY 2024, though this masked some compositional change among age cohorts. Overall labor force participation ticked down 0.1 percentage points over the course of FY 2024, although the participation rate among prime age (ages 25 to 54) workers rose. The prime-age labor force participation rate rose from 83.5 percent at the end of FY 2023, reaching a 23-year high of 84.0 percent in July 2024 before ending FY 2024 at 83.8 percent. The prime-age participation rate was 0.4 percentage points above the pre-pandemic peak. By contrast, the labor force participation rate among older workers remained substantively lower from before the pandemic: at the end of FY 2024, the labor force participation rate for the ages 55 or older population was 38.6 percent, down 0.1 percentage points from the end of FY 2023 and 1.7 percentage points below the rate at the end of FY 2019.

Inflation continued to ease during FY 2024—albeit more gradually than in FY 2023. As measured by the CPI, inflation was 2.4 percent over the 12 months of FY 2024, down from 3.7 percent over FY 2023 and 8.2 percent over FY 2022. Energy prices deflation and food price disinflation helped pull headline inflation readings lower. While core inflation (which excludes food and energy) also slowed, progress was more muted given the persistence of price growth for shelter services and non-housing core services. Core inflation was 3.3 percent over the fiscal year ending September 2024, down from 4.1

Table 5: National Economic Indicators

	2024	2023
Real GDP Growth ¹ (4-quarter percent change)	2.7%	3.2%
Real Personal Consumption Expenditures ¹ (4-quarter percent change)	3.0%	2.4%
Average monthly payroll job change (thousands) ²	197	261
Unemployment rate ² (percent, September of fiscal year shown)	4.1%	3.8%
CPI (12-month percent change) ² (not seasonally adjusted, NSA)	2.4%	3.7%
CPI, excluding food and energy ² (12-month percent change, NSA)	3.3%	4.1%
Real Disposable Personal Income ¹ (12-month percent change)	2.6%	4.5%
Real Average Hourly Earnings ² Production and Non-Supervisory (12-month percent change)	1.9%	1.2%

¹ Source: Bureau of Economic Analysis

² Source: Bureau of Labor Statistics

* Some FY 2023 data may differ from the FY 2023 Financial Report due to updates and revisions.

¹⁶ As a component of GDP, net exports can either add to or subtract from GDP growth, depending upon the relative growth rates of exports and imports. Imports are subtracted from GDP because they may also be included in the other expenditure components of GDP and because they are produced abroad should not be counted in GDP.

percent at the end of FY 2023 and 6.6 percent at the end of FY 2022. Meanwhile, the Federal Reserve's preferred measure of inflation, the PCE price index, was just above its target 2-percent rate at the end of FY 2024.

Gains in nominal wages and DPI slowed in FY 2024, but workers nonetheless realized solid increases in purchasing power after adjusting for inflation. Nominal hourly wages for production and supervisory workers grew by 4.0 percent over FY 2024, slowing modestly from the 4.7 percent pace over the previous fiscal year. Despite the slowdown in nominal growth, inflation slowed more. As a result, (real) wages rose 1.9 percent in FY 2024, stepping up from 1.2 percent in FY 2023. Meanwhile, nominal DPI growth slowed sharply to 4.8 percent in the latest fiscal year, down from 8.0 percent over FY 2023. After adjusting for inflation, real DPI growth was a still-solid 2.6 percent, though slower than the 4.5 percent advance in real DPI over FY 2023.

An Unsustainable Fiscal Path

An important purpose of the *Financial Report* is to help citizens understand current fiscal policy and the importance and magnitude of policy reforms necessary to make it sustainable. This *Financial Report* includes the SLTFP and a related note disclosure (Note 24). The Statements display the PV of 75-year projections of the federal government's receipts and non-interest spending¹⁷ for FY 2024 and FY 2023.

Fiscal Sustainability

A sustainable fiscal policy is defined in this *Financial Report* as one where the debt-to-GDP ratio is stable or declining over the long term. The projections based on the assumptions in this *Financial Report* indicate that current policy is not sustainable. This *Financial Report* presents data, including debt, as a percent of GDP to help readers assess whether current fiscal policy is sustainable. The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024, up slightly from approximately 97 percent at the end of FY 2023. The long-term fiscal projections in this *Financial Report* are based on the same economic and demographic assumptions that underlie the 2024 SOSI, which is as of January 1, 2024. As discussed below, if current policy is left unchanged and based on this *Financial Report*'s assumptions, the debt-to-GDP ratio is projected to exceed 200 percent by 2049 and reach 535 percent in 2099. By comparison, under the 2023 projections, the debt-to-GDP ratio exceeded 200 percent two years earlier in 2047 and reached 531 percent in 2098. Preventing the debt-to-GDP ratio from rising over the next 75 years is estimated to require some combination of spending reductions and revenue increases that amounts to 4.3 percent PV of GDP over the period. While this estimate of the "75-year fiscal gap" is highly uncertain, it is nevertheless nearly certain that current fiscal policies cannot be sustained indefinitely.

Delaying action to reduce the fiscal gap increases the magnitude of spending and/or revenue changes necessary to stabilize the debt-to-GDP ratio as shown in Table 6 below.

The estimates of the cost of policy delay assume policy does not affect GDP or other economic variables. Delaying fiscal adjustments for too long raises the risk that growing federal debt would increase interest rates, which would, in turn, reduce investment and ultimately economic growth.

The projections discussed here assume current policy¹⁸ remains unchanged, and hence, are neither forecasts nor predictions. Nevertheless, the projections demonstrate that policy changes must be enacted to move towards fiscal sustainability.

The Primary Deficit, Interest, and Debt

The primary deficit – the difference between non-interest spending and receipts – is the determinant of the debt-to-GDP ratio over which the government has the greatest control (the other determinants include interest rates and growth in GDP). Chart 8 shows receipts, non-interest spending, and the difference – the primary deficit – expressed as a share of GDP. The primary deficit-to-GDP ratio spiked during 2009 through 2012 due to the 2008-09 financial crisis and the ensuing severe recession, and rose again in 2020 due to the COVID-19 pandemic and ensuing economic downturn. Increased spending and temporary tax reductions enacted to stimulate the economy and support recovery contributed to elevated primary deficits over both periods, resulting in sharp increases in the ratio of debt to GDP. The debt-to-GDP ratio rose from 39 percent at the end of 2008 to 70 percent at the end of 2012 and then from 79 percent at the end of 2019 to approximately 100 percent at the end of 2020.

¹⁷ For the purposes of the SLTFP and this analysis, spending is defined in terms of outlays. In the context of federal budgeting, spending can either refer to: 1) budget authority – the authority to commit the government to make a payment; 2) obligations – binding agreements that will result in either immediate or future payment; or 3) outlays, or actual payments made.

¹⁸ Current policy in the projections is based on current law, but includes certain adjustments, such as extension of certain policies that expire under current law but are routinely extended or otherwise expected to continue (e.g., reauthorization of the Supplemental Nutrition Assistance Program). See Note 24 for additional discussion of departures of current policy from current law.

The primary deficit-to-GDP ratio in 2024 was 3.3 percent, a decrease of 0.5 percentage points from the primary deficit-to-GDP ratio reported for 2023 in last year's *Financial Report*, due to higher receipts, partially offset by higher non-interest spending. The primary deficit-to-GDP ratio is projected to average 3.1 percent over the next 10 years, based on the technical assumptions in this *Financial Report*, and projected changes in receipts and outlays. After 2034, increased spending for Social Security and health programs due to the aging of the population, is projected to result in increasing primary deficit ratios that peak at 4.0 percent of GDP in 2045. Primary deficits as a share of GDP gradually decrease beyond that point and reach 2.8 percent of GDP in 2099, the last year of the projection period.

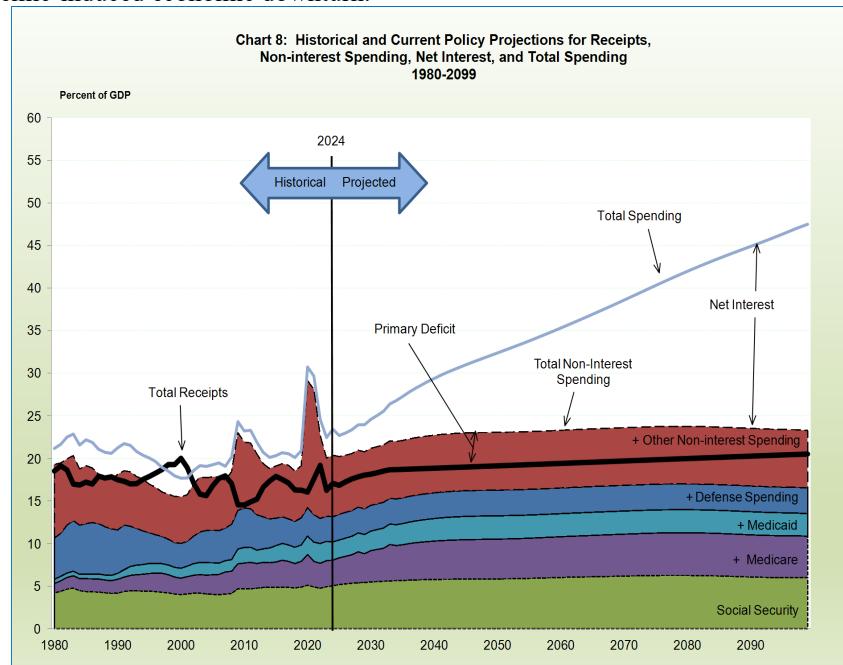
Trends in the primary deficit are heavily influenced by tax receipts. The receipt share of GDP was markedly depressed in 2009 through 2012 because of the recession and tax reductions enacted as part of the *American Recovery and Reinvestment Act* and the *Tax Relief, Unemployment Insurance Reauthorization, and Job Creation Act of 2010*. The share subsequently increased to almost 18.0 percent of GDP by 2015, before falling to nearly 16.0 percent in 2020, following the enactment of the *TCJA (P.L. 115-97)* and COVID-19 pandemic-induced economic downturn.

Receipts were 17.1 percent of GDP in 2024, an increase of 0.6 percentage points relative to the share of GDP reported for 2023 in last year's *Financial Report*. Receipts are projected to fall slightly to 16.8 percent of GDP in 2025 and gradually increase to 18.7 percent of GDP in 2034. After 2034, receipts grow slightly more rapidly than GDP over the projection period as increases in real (i.e., inflation-adjusted) incomes cause more taxpayers and a larger share of income to fall into the higher individual income tax brackets.¹⁹

On the spending side, the non-interest spending share of GDP was 20.4 percent in 2024, 0.1 percentage points above the share of GDP reported for 2023, last year's *Financial Report*, which was 20.3 percent. The ratio of non-interest spending to GDP is projected to rise gradually, reaching 23.8 percent of GDP in 2079. The ratio of non-interest spending to GDP then declines to 23.3 percent in 2099, the end of the projection period. These increases are principally due to faster growth in Social Security, Medicare, and Medicaid spending (see Chart 8). The aging of the population, among other factors, is projected to increase the spending shares of GDP of Social Security and Medicare by about 0.6 and 1.4 percentage points, respectively, from 2025 to 2040. After 2040, the Social Security and Medicare spending shares of GDP continue to increase in most years, albeit at a slower rate, due to projected increases in health care costs and population aging, before declining toward the end of the projection period.

On a PV basis, deficit projections reported in this year's *Financial Report* decreased in both present-value terms and as a percent of the current 75-year PV of GDP. As shown in the SLTFP, this year's estimate of the 75-year PV imbalance of receipts less non-interest spending is 3.6 percent of the current 75-year PV of GDP (\$72.7 trillion), compared with 3.8 percent (\$73.2 trillion) as was projected in last year's *Financial Report*. As discussed in Note 24, these decreases are attributable to the net effect of the following factors:

- The largest factor affecting the projections is the update to economic and demographic assumptions that decreases the fiscal imbalance by 0.3 percentage points (\$4.8 trillion). Contributing to this improvement in the imbalance are higher wages that increase receipts and higher GDP levels that reduce spending as a percentage of GDP. The 75-year PV of GDP for this year's projections is \$2,002.6 trillion, greater than last year's \$1,919.1 trillion.
- The second largest factor affecting the projections is due to updated budget data that increases the fiscal imbalance by 0.1 percentage points (\$2.5 trillion). This change stems from actual budget results for FY 2024 and baseline estimates published in the FY 2025 President's Budget. This deterioration in the fiscal position is largely a result of a higher 75-year PV of discretionary spending on non-defense programs due in part to adjustments to accord with FY 2024 appropriations. In addition, actual budget results for FY 2024 contribute to an increase in the fiscal imbalance by raising the 75-year PV of spending for Medicaid and mandatory spending on programs other than Social Security and Medicare. Partially offsetting those changes is a higher 75-year PV of individual income tax receipts, which represent a larger share of wages and salaries relative to the previous year's projections.



¹⁹ Other possible paths for the receipts-to-GDP ratio and projected debt held by the public are shown in the "Alternative Scenarios" RSI section of this *Financial Report*.

- The third largest factor affecting the projected imbalance is the change in reporting period—the effect of shifting calculations from 2024 through 2098 to 2025 through 2099. The update increases the imbalance of the 75-year PV of receipts less non-interest spending by \$1.4 trillion, which has a negligible effect on the 75-year PV of GDP.
- The fourth largest factor affecting the projections is a technical update to the model's assumptions for growth in enrollees for health insurance marketplace subsidies. The technical update increases the 75-year fiscal imbalance by \$0.6 trillion and has a trivial impact on the projections as a share of the 75-year PV of GDP.
- The smallest factor affecting the projections is the effect of new Social Security, Medicare, and Medicaid program-specific actuarial assumptions, which decrease the fiscal imbalance by \$0.3 trillion and negligibly affect the imbalance as of the 75-year PV of GDP.²⁰

The net effect of these changes equal to the penultimate row in the SLTFP, shows that this year's estimate of the overall 75-year PV of receipts less non-interest spending is negative 3.6 percent of the 75-year PV of GDP (negative \$72.7 trillion, as compared to a GDP of \$2,002.6 trillion).

One of the most important assumptions underlying the projections is that current federal policy does not change. The projections are therefore neither forecasts nor predictions, and do not consider large infrequent events such as natural disasters, military engagements, or economic crises. By definition, they do not build in future changes to policy. If policy changes are enacted, perhaps in response to projections like those presented here, then actual fiscal outcomes will be different than those projected.

Another important assumption is the future growth of health care costs. As discussed in Note 25, these future growth rates – both for health care costs in the economy generally and for federal health care programs such as Medicare, Medicaid, and PPACA exchange subsidies – are highly uncertain. In particular, enactment of the PPACA in 2010 and the MACRA in 2015 lowered payment rate updates for Medicare hospital and physician payments whose long-term effectiveness of which is not yet clear. The Medicare spending projections in the long-term fiscal projections are based on the projections in the 2024 Medicare Trustees Report, which assume the PPACA and MACRA cost control measures will be effective in producing a substantial slowdown in Medicare cost growth.

As discussed in Note 25, the Medicare projections are subject to much uncertainty about the ultimate effects of these provisions to reduce health care cost growth. Certain features of current law may result in some challenges for the Medicare program including physician payments, payment rate updates for most non-physician categories, and productivity adjustments. Payment rate updates for most non-physician categories of Medicare providers are reduced by the growth in economy-wide private nonfarm business total factor productivity although these health providers have historically achieved lower levels of productivity growth. Should payment rates prove to be inadequate for any service, beneficiaries' access to and the quality of Medicare benefits would deteriorate over time, or future legislation would need to be enacted that would likely increase program costs beyond those projected under current law. For the long-term fiscal projections, that uncertainty also affects the projections for Medicaid and exchange subsidies, because the cost per beneficiary in these programs is assumed to grow at the same reduced rate as Medicare cost growth per beneficiary. Other key assumptions, as discussed in greater detail in Note 24—Long-Term Fiscal Projections, include the following:

- Social Security spending and payroll taxes are based on future spending and payroll taxes projected in the 2024 Social Security Trustees Report, adjusted for presentational differences and converted to a fiscal year basis.
- Projected Medicare spending and Medicare Part A payroll taxes are based on Medicare spending and payroll taxes in the Medicare Trustees Report, adjusted for presentational differences and converted to a fiscal year basis.
- Medicaid spending projections start with the NHE projections which are based on recent trends in Medicaid spending, and the demographic, economic, and health cost growth assumptions in the Medicare Trustees Report. NHE projections, which end in 2032, are adjusted to accord with the actual Medicaid spending in FY 2024. After 2032, the number of beneficiaries is projected to grow at the same rate as total population. Medicaid cost per beneficiary after 2032 is assumed to transition over a four-year period to growth at the same rate as Medicare benefits per beneficiary.
- Other mandatory spending includes federal employee retirement, veterans' disability benefits, and means-tested entitlements other than Medicaid. Current mandatory spending components that are judged permanent under current policy are assumed to increase by the rate of growth in nominal GDP starting in 2025, implying that such spending will remain constant as a percent of GDP.²¹
- Defense and non-defense discretionary spending in 2025 follows the [FRA \(P.L. 118-5\)](#) caps with adjustments to accord with FY 2024 appropriations. Discretionary spending in 2025 also reflects previously enacted appropriations that are exempted from FRA caps. After 2025, discretionary spending grows with GDP.
- Interest spending is determined by projected interest rates and the level of outstanding debt held by the public. The long-run interest rate assumptions accord with those in the 2024 Social Security Trustees Report. The average interest rate over this year's projection period is 4.5 percent, approximately the same as in the 2023 *Financial*

²⁰ For more information on Social Security and Medicare actuarial estimates, refer to Note 25—Social Insurance.

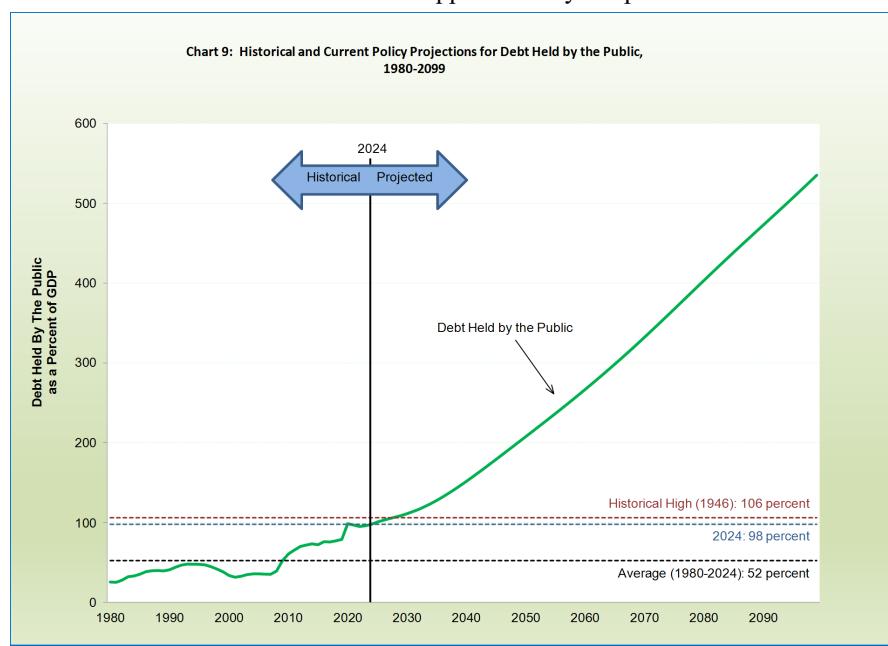
²¹ This assumed growth rate for other mandatory programs after 2025 is slightly higher than the average growth rate in the most recent OMB and Congressional Budget Office 10-year budget baselines.

Report. Debt at the end of each year is projected by adding that year's deficit and other financing requirements to the debt at the end of the previous year.

- Receipts (other than Social Security and Medicare payroll taxes) is comprised of individual income taxes, corporate income taxes and other receipts.
 - Individual income taxes are based on the share of individual income taxes of salaries and wages in the current law baseline projection in the FY 2025 President's Budget, and the salaries and wages projections from the Social Security 2024 Trustees Report. That baseline accords with the tendency of effective tax rates to increase as growth in income per capita outpaces inflation (also known as "bracket creep") and the expiration dates of individual income and estate and gift tax provisions of the TCJA. Individual income taxes are projected to increase gradually from 21 percent of wages and salaries in 2025, to 30 percent of wages and salaries in 2099 as real taxable incomes rise over time and an increasing share of total income is taxed in the higher tax brackets.
 - Corporation tax receipts as a percent of GDP reflect the economic and budget assumptions used in developing the FY 2025 President's Budget ten-year baseline budgetary estimates through the first ten projection years, after which they are projected to grow at the same rate as nominal GDP. Corporation tax receipts fall from 1.6 percent of GDP in 2025 to 1.3 percent of GDP in 2034, where they stay for the remainder of the projection period.
 - Other receipts, including excise taxes, estate and gift taxes, customs duties, and miscellaneous receipts, also reflect the FY 2025 President's Budget baseline levels as a share of GDP throughout the budget window, and grow with GDP outside of the budget window. The ratio of other receipts, to GDP is estimated to increase from 1.0 percent in 2025 to 1.2 percent by 2030 where it remains through the projection period.

The primary deficit-to-GDP projections in Chart 8, projections for interest rates, and projections for GDP together determine the debt-to-GDP ratio projections shown in Chart 9. That ratio was approximately 98 percent at the end of FY 2024 and under current policy is projected to be approximately 100 percent in 2025, exceed 200 percent by 2049 and reach 535 percent by 2099. The change in debt held by the public from one year to the next generally represents the budget deficit, the difference between total spending and total receipts. The debt-to-GDP ratio rises continually in great part because primary deficits lead to higher levels of debt, which lead to higher net interest expenditures, and higher net interest expenditures lead to higher debt.²² The continuous rise of the debt-to-GDP ratio indicates that current policy is unsustainable.

These debt-to-GDP projections are lower than the corresponding projections in both the 2023 and 2022 *Financial Reports*. For example, the last year of the 75-year projection period used in the FY 2022 *Financial Report* is 2097. In the FY 2024 *Financial Report*, the debt-to-GDP ratio for 2097 is projected to be 521 percent, which compares with 525 and 566 percent for the 2097 projection year in the FY 2023 *Financial Report* and the FY 2022 *Financial Report*, respectively.²³



The Fiscal Gap and the Cost of Delaying Policy Reform

The 75-year fiscal gap is one measure of the degree to which current policy is unsustainable. It is the amount by which primary surpluses over the next 75 years must, on average, rise above current-policy levels in order for the debt-to-GDP ratio in 2099 to remain at its level in 2024. The projections show that projected primary deficits average 3.6 percent of GDP over the next 75 years under current policy. If policies were adopted to eliminate the fiscal gap, the average primary surplus over the next 75 years would be 0.7 percent of GDP, 4.3 percentage points higher than the projected PV of receipts less non-interest spending shown in the financial statements. Hence, the 75-year fiscal gap is estimated to equal to 4.3 percent of GDP. This amount is, in turn, equivalent to 22.5 percent of 75-year PV receipts and 19.0 percent of 75-year PV non-interest spending. This estimate of the fiscal gap was slightly less than the amount estimated in the FY 2023 *Financial Report*.

²² The change in debt each year is also affected by certain transactions not included in the budget deficit, such as changes in Treasury's cash balances and the nonbudgetary activity of federal credit financing accounts. These transactions are assumed to hold constant at about 0.3 percent of GDP each year, with the same effect on debt as if the primary deficit was higher by that amount.

²³ See the Note 24 of the [FY 2023 Financial Report of the U.S. Government](#) for more information about changes in the long-term fiscal projections between FYs 2023 and 2022.

In these projections, closing the fiscal gap requires running a positive primary surpluses, rather than simply eliminating the primary deficit. The primary reason is that the projections assume future interest rates will exceed the growth rate of nominal GDP. Achieving primary balance (that is, running a primary surplus of zero) implies that the debt grows each year by the amount of interest spending, which under these assumptions would result in debt growing faster than GDP.

Table 6 shows the cost of delaying policy reform to close the fiscal gap by comparing policy reforms that begin in three different years. Immediate reform would require

increasing primary surpluses by 4.3 percent of GDP on average between 2025 and 2099 (i.e., some combination of reducing spending and increasing revenue by a combined 4.3 percent of GDP on average over the 75-year projection period). Table 6 shows that delaying policy reform forces larger and more abrupt policy reforms over shorter periods. For example, if policy reform is delayed by 10 years, closing the fiscal gap requires increasing the primary surpluses by 5.1 percent of GDP on average between 2035 and 2099. Similarly, delaying reform by 20 years requires primary surplus increases of 6.3 percent of GDP on average between 2045 and 2099. The differences between the required primary surplus increases that start in 2035 and 2045 (5.1 and 6.3 percent of GDP, respectively) and that which starts in 2025 (4.3 percent of GDP) is a measure of the additional burden that delay would impose on future generations. Future generations are harmed by policy reform delay, because the higher the primary surplus is during their lifetimes the greater the difference is between the taxes they pay and the programmatic spending from which they benefit.

Conclusion

The debt-to-GDP ratio is projected to rise over the 75-year projection period and beyond if current policy is unchanged, based on this *Financial Report*'s assumptions, which implies that current policy is not sustainable and must ultimately change. If policy changes are not so abrupt as to slow economic growth, then the sooner policy changes are adopted to avert these trends, the smaller the changes to revenue and/or spending that would be required to achieve sustainability over the long term. While the estimated magnitude of the fiscal gap is subject to a substantial amount of uncertainty, it is nevertheless nearly certain that current fiscal policies cannot be sustained indefinitely.

These long-term fiscal projections and the topic of fiscal sustainability are discussed in further detail in Note 24 and the RSI section of this *Financial Report*. The fiscal sustainability under alternative scenarios for the growth rate of health care costs, interest rates, discretionary spending, and receipts are illustrated in the “Alternative Scenarios” section within the RSI.

Social Insurance

The long-term fiscal projections reflect government receipts and spending as a whole. The SOSI focuses on the government’s “social insurance” programs: Social Security, Medicare, Railroad Retirement, and Black Lung.²⁴ For these programs, the SOSI reports: 1) the actuarial PV of all future program revenue (mainly taxes and premiums) – excluding interest – to be received from or on behalf of current and future participants; 2) the estimated future scheduled expenditures to be paid to or on behalf of current and future participants; and 3) the difference between 1) and 2). Amounts reported in the SOSI and in the RSI section in this *Financial Report* are based on each program’s official actuarial calculations.

This year’s projections for Social Security and Medicare are based on the same economic and demographic assumptions that underlie the 2024 Social Security and Medicare Trustees Reports and the 2024 SOSI, while comparative information presented from last year’s report is based on the 2023 Social Security and Medicare Trustees Reports and the 2023 SOSI. Table 7 summarizes amounts reported in the SOSI, showing that net social insurance expenditures are projected to be \$78.3 trillion over 75 years as of January 1, 2024 for the open group, remaining largely unchanged, decreasing by approximately \$100.0 billion compared to net expenditures of \$78.4 trillion projected in the FY 2023 *Financial Report*.²⁵

²⁴ The Black Lung Benefits Act provides for monthly payments and medical benefits to coal miners totally disabled from pneumoconiosis (black lung disease) arising from their employment in or around the nation's coal mines. See https://www.dol.gov/owcp/regs/compliance/ca_main.htm. RRB’s projections are based on economic and demographic assumptions that underlie the 29th *Actuarial Valuation of the Assets and Liabilities Under the Railroad Retirement Acts as of December 31, 2022 with Technical Supplement*, which also serves as the Annual Report for 2024, and the 2023 Annual Report on the Railroad Retirement System required by Section 502 of the *Railroad Retirement Solvency Act of 1983* (P.L. 98-76).

²⁵ Closed group and open group differ by the population included in each calculation. From the SOSI, the closed group includes: 1) participants who have attained eligibility; and 2) participants who have not attained eligibility. The open group adds future participants to the closed group. See ‘Social Insurance’ in the RSI section in this *Financial Report* for more information.

Table 6	
Cost of Delaying Fiscal Reform	
Period of Delay	Change in Average Primary Surplus
Reform in 2025 (No Delay)	4.3 percent of GDP between 2025 and 2099
Reform in 2035 (Ten-Year Delay)	5.1 percent of GDP between 2035 and 2099
Reform in 2045 (Twenty-Year Delay)	6.3 percent of GDP between 2045 and 2099

The current-law 2024 amounts reported for Medicare reflect the physician payment levels expected under the MACRA payment rules and the PPACA-mandated reductions in other Medicare payment rates, but not the payment reductions and/or delays that would result from trust fund depletion.²⁶ Similarly, current-law projections for Social Security do not reflect benefit payment reductions and/or delays that would result from fund depletion. By accounting convention, the transfers from the General Fund to Medicare Parts B and D are eliminated in the consolidation of the SOSI at the government-wide level and as such, the General Fund transfers that are used to finance Medicare Parts B and D are not included in Table 7. For the FYs 2024 and 2023 SOSI, the amounts eliminated totaled \$50.2 trillion and \$48.5 trillion, respectively. SOSI programs and amounts are included in the broader fiscal sustainability analysis in the previous section, although on a slightly different basis (as described in Note 24).

In addition, the Medicare projections have been significantly affected by the enactment of the IRA of 2022. This legislation has wide-ranging provisions, including those that restrain price growth and negotiate drug prices for certain Part B and Part D drugs and that redesign the Part D benefit structure to decrease beneficiary out-of-pocket costs. The law takes several years to implement, resulting in very different effects by year. The total effect of the IRA of 2022 is to reduce government expenditures for Part B, to increase expenditures for Part D through 2030, and to decrease Part D expenditures beginning in 2031.

The amounts reported in the SOSI provide perspective on the government's long-term estimated exposures for social insurance programs. These amounts are not considered liabilities in an accounting context. Future benefit payments will be recognized as expenses and liabilities as they are incurred based on the continuation of the social insurance programs' provisions contained in current law. The social insurance trust funds account for all related program income and expenses. Medicare and Social Security taxes, premiums, and other income are credited to the funds; fund disbursements may only be made for benefit payments and program administrative costs. Any excess revenues are invested in special nonmarketable U.S. government securities at a market rate of interest. The trust funds represent the accumulated value, including interest, of all prior program surpluses, and provide automatic funding authority to pay cover future benefits.

Table 7: Social Insurance Future Expenditures in Excess of Future Revenues

Dollars in Trillions	2024	2023	Increase / (Decrease)	
	\$	\$	\$	%
Open Group (Net):				
Social Security (OASDI)	\$ (25.4)	\$ (25.2)	\$ 0.2	0.8%
Medicare (Parts A, B, & D)	\$ (52.8)	\$ (53.1)	\$ (0.3)	(0.6%)
Other	\$ (0.1)	\$ (0.1)	\$ -	0.0%
Total Social Insurance Expenditures, Net (Open Group)	\$ (78.3)	\$ (78.4)	\$ (0.1)	(0.1%)
Total Social Insurance Expenditures, Net (Closed Group)	\$ (105.8)	\$ (104.2)	\$ 1.6	1.5%
Social Insurance Net Expenditures as a % of GDP*				
Open Group				
Social Security (OASDI)	(1.3%)	(1.4%)		
Medicare (Parts A, B, & D)	(2.9%)	(3.0%)		
Total (Open Group)	(4.2%)	(4.4%)		
Total (Closed Group)	(5.6%)	(5.7%)		
Source: SOSI. Amounts equal estimated present value of projected revenues and expenditures for scheduled benefits over the next 75 years of certain Social Insurance programs (e.g., Social Security, Medicare). Open group totals reflect all current and projected program participants during the 75-year projection period. Closed group totals reflect only current participants.				
* GDP values used are from the 2024 & 2023 Social Security and Medicare Trustees Reports and represent the present value of GDP over the 75-year projection period. As the GDP used for Social Security and Medicare differ slightly in the Trustees Reports, the two values are averaged to estimate the Other and Total Net Social Insurance Expenditures as a percent of GDP. As a result, totals may not equal the sum of components due to rounding.				

²⁶ MACRA permanently replaces the Sustainable Growth Rate formula, which was used to determine payment updates under the Medicare physician fee schedule with specified payment updates through 2025. The changes specified in MACRA also establish differential payment updates starting in 2026 based on practitioners' participation in eligible APM; payments are also subject to adjustments based on the quality of care provided, resource use, use of certified electronic health records, and clinical practice improvement.

Table 8 identifies the principal reasons for the changes in projected social insurance amounts during 2024 and 2023. NPV-Open Group is the PV of estimated future expenditures in excess of estimated future revenue, which represents net cash outflows.

The following briefly summarizes the significant changes for the current valuation (as of January 1, 2024) as disclosed in Note 25—Social Insurance. Note 25 is compiled from disclosures included in the financial statements of those entities administering these programs, including SSA and HHS. See Note 25 for additional information.

- Change in valuation period caused the PV of the estimated future net cash outflows to increase (became more negative) by \$0.8 trillion and \$1.5 trillion for Social Security and Medicare, respectively. The effect of this change on the 75-year PV of estimated future net cash flows is to replace a small negative net cash flow for 2023 with a much larger negative net cash flow for 2098.
- Changes in demographic data, assumptions, and methods caused the PV of the estimated future net cash outflows to increase (became more negative) by \$1.2 trillion and \$1.1 trillion for Social Security and Medicare, respectively. The most significant changes affecting these results included: 1) lowering the ultimate TFR; 2) slightly lower assumed birth rates; 3) updated mortality, historical population data, LPR immigration, and divorce data; and 4) modified fertility rate projection methods.
- Changes in economic data, assumptions, and methods caused the PV of the estimated future net cash outflows for Social Security to decrease (become less negative) by \$0.4 trillion. For the current valuation, the ultimate economic assumptions are the same as those for the prior valuation. However, the starting economic value and the way these values transition to the ultimate assumptions were changed. In addition, the most significant changes included: 1) updates to educational data, which caused changes in labor force participation rates; 2) higher than assumed historical OASDI-covered employment; and 3) higher than assumed economic growth, which led to higher than assumed labor productivity over the projection period.
- Changes in law or policy: The monetary effect of the changes in law or policy on the PV of estimated future net cash outflows of the OASDI and Medicare programs was not significant at the consolidated level.
- Changes in methodology and programmatic data caused the PV of the estimated future net cash outflows to decrease (become less negative) by \$1.4 trillion for Social Security. The most significant changes were: 1) lower disability incidence rate; 2) modified long-range model to improve the alignment of simulated fully insured rates with historical fully insured rates; 3) higher near-term and ultimate levels of revenue from income taxation of OASDI benefits than projected in the prior valuation; 4) adjusted sample size to project average benefit levels of retired-worker and disabled-worker beneficiaries; and 5) updates to post-entitlement benefit adjustment factors.
- Changes in economic and healthcare assumptions caused the PV of estimated future net cash outflows to decrease (become less negative) by \$2.7 trillion for Medicare. The economic assumptions used in the Medicare projections are the same as those used for the OASDI (described above); and the healthcare assumptions are specific to the Medicare projections. Changes include lower Part A projected spending growth due to a policy change to exclude medical education expenses and lower projected spending for hospital and home health agency services, and lower Part D growth mainly beyond the short-range period.
- Change in projection base caused the PV of estimated future cash outflows to decrease (become less negative) by \$0.2 trillion for Medicare Parts A, B, and D. Part A income was higher and expenditures were lower than estimated based on experience. Part B and Part D income and expenditures were both higher than estimated based on experience. Actual experience of the Medicare Trust Funds between January 1, 2023, and January 1, 2024, is incorporated in the current valuation and is less than projected in the prior valuation.

As reported in Note 25—Social Insurance, uncertainty remains about whether the projected cost savings and productivity improvements will be sustained in a manner consistent with the projected cost growth over time. Note 25 includes an alternative projection to illustrate the uncertainty of projected Medicare costs. As indicated earlier, GAO

Table 8: Changes in Social Insurance Projections

	Dollars in Trillions	2024	2023
NPV - Open Group (Beginning of the Year)		\$ (78.4)	\$ (75.9)
Changes In:			
Valuation Period		\$ (2.3)	\$ (2.0)
Demographic data, assumptions, and methods		\$ (2.3)	\$ (0.2)
Economic data, assumptions, and methods ¹		\$ 0.4	\$ (0.8)
Law or policy		\$ -	\$ 1.1
Methodology and programmatic data ¹		\$ 1.4	\$ (0.3)
Economic and healthcare assumptions ²		\$ 2.7	\$ (2.6)
Change in projection base ²		\$ 0.2	\$ 2.3
Net Change in Open Group measure		\$ 0.1	\$ (2.5)
NPV - Open Group (End of the Year)		\$ (78.3)	\$ (78.4)

¹ Relates to Social Security Program.

² Relates to Medicare Program.

disclaimed opinions on the 2024, 2023, 2022, 2021 and 2020 SOSI because of these significant uncertainties. Please refer to Note 25 and SSA's and HHS's financial statements for additional information.

Costs as a percent of GDP of both Medicare and Social Security, which are analyzed annually in the Medicare and Social Security Trustees Reports, are projected to increase substantially through the mid-2030s because: 1) the number of beneficiaries rises rapidly as the baby-boom generation retires; and 2) the lower birth rates that have persisted since the baby boom cause slower growth of employment and GDP.²⁷ According to the Medicare Trustees Report, spending on Medicare is projected to rise from its current level of 3.8 percent of GDP in 2023 to 5.8 percent in 2048 and then rise more slowly before leveling off at around 6.2 percent in the final 25 years of the projection period.²⁸ As for Social Security, combined spending is projected to generally increase from 5.2 percent of GDP in 2024 to a peak of about 6.4 percent for 2078, and then decline to 6.1 percent by 2098. The government collects and maintains funds supporting the Social Security and Medicare programs in trust funds. A scenario in which projected funds expended exceed projected funds received, as reported in the SOSI, will cause the balances in those trust funds to deplete over time. Table 9 summarizes additional current status and projected trend information, including years of projected depletion, for the Medicare HI and Social Security Trust Funds.

Table 9: Trust Fund Status

Fund	Projected Depletion	Projected Post-Depletion Trend
Medicare Hospital Insurance *	2036	In 2036, trust fund income is projected to cover 89 percent of scheduled benefits, decreasing to 87 percent in 2048, then returning to 100 percent by 2098.
Combined Old-Age Survivors and Disability Insurance **	2035	In 2035, trust fund income is projected to cover 83 percent of scheduled benefits, decreasing to 73 percent by 2098.

* Source: 2024 Medicare Trustees Report ** Source: 2024 OASDI Trustees Report
This Report's projections assume full Social Security and Medicare benefits are paid after fund depletion contrary to current law.

As previously discussed, and as noted in the Trustees Reports, these programs are on a fiscally unsustainable path. Additional information from the Trustees Reports may be found in the RSI section of this *Financial Report*.

Reporting on Climate Change

At the beginning of the Biden-Harris Administration, President Biden tasked agencies with leading a whole-of-government effort to address climate change through Executive Order 14008, [Tackling the Climate Crisis at Home and Abroad](#). The Biden-Harris Administration continues to lead the most ambitious climate, conservation, and environmental justice agenda in history. With more than 300,000 buildings and 600,000 vehicles, the federal government is the nation's largest energy consumer. The federal government is on a path towards 100 percent CFE on a net annual basis by 2030, a zero-emission vehicles fleet by 2035, and a net-zero building portfolio by 2045.

During the past three years, the federal government has signed agreements to provide Federal facilities in 16 states with 100 percent CFE by 2030. The Bipartisan Infrastructure Law and the [IRA](#) dedicate more than \$50 billion to advance climate resilience strategies across every community in the U.S. Because of these two laws, roads and bridges are being elevated above projected flood zones; the grid is being made cleaner, more flexible, and more reliable; housing and buildings are being constructed and retrofitted to better withstand extreme weather; and public lands, forests, and waters are being managed to mitigate and withstand wildfires and droughts.²⁹

In coordination with the White House Council on Environmental Quality and the OMB, federal agencies updated their Climate Adaptation Plans for 2024 through 2027 to better integrate climate risk across their operations. The magnitude of challenges posed by the climate crisis was underscored in the prior year when the U.S. endured a record 28 individual billion-dollar extreme weather and climate disasters that caused more than \$90 billion in aggregate damage.³⁰

Many CFO Act entities are engaged in a wide array of climate-related activities and have, per federal reporting guidance, discussed their responses to the climate crisis in their FY 2024 Agency Financial Reports. The breadth of these

²⁷ [A Summary of the 2024 Annual Social Security and Medicare Trust Fund Reports](#), page 8.

²⁸ Percent of GDP amounts are expressed in gross terms (including amounts financed by premiums and state transfers).

²⁹ [White House National Climate Resilience Framework, September 2023](#)

³⁰ [FACT SHEET: Biden-Harris Administration Releases Agency Climate Adaptation Plans, Demonstrates Leadership in Building Climate Resilience | The White House](#)

important efforts is expansive, and the examples immediately below from federal Agency Financial Reports discuss both the physical impacts of climate change on entities (physical risk) and the broader challenges entities face in transitioning to a lower-carbon economy (transition risk). Many entity climate adaptation and resiliency efforts emphasize the federal government's physical assets and infrastructure and discuss transition risks in the context of transitioning their infrastructure so as to reduce Greenhouse Gases emissions. Both of these risks are important and affect government operations in unique ways, as illustrated below.

The following illustrates the wide range of federal entity efforts to mitigate the risks of climate change on federal entity infrastructure:

- According to DOD's financial statements, the [Air Force](#) has expended more than \$4 billion in Natural Disaster Recovery funds for recovery from extreme weather events at Tyndall Air Force Base, Offutt Air Force Base, and Langley Air Force Base (FY 2019-2023). The Air Force is expending an estimated \$2 billion to address direct typhoon impacts at Andersen Air Force Base. DOD's Tyndall Air Force Base is working with local, state, and national partners to build an "Installation of the Future," which includes using updated building codes that capture future conditions, and constructing living shorelines adjacent to the base to preserve water quality, enhance overall ecosystem health, and strengthen flood resilience.
- [GSA](#) is integrating localized flood risk information into its asset management systems, asset planning processes, and site acquisition guidance for GSA-controlled, federally owned buildings. In addition, GSA's FAS has integrated climate risks and adaptation considerations into the FAS Acquisition Council review process for five critical offerings with the greatest exposure and sensitivity to climate risks: telecommunications, motor vehicles and fleet, professional services, information technology hardware, and information technology services. In FY 2024, climate risk and adaptation requirements were integrated into many government-wide acquisition vehicles as a result of the FAS review process.
- In FY 2024, [DOE](#) developed a Vulnerability Assessment and Resilience Plan that includes detailed analyses on DOE's hazards, critical assets, and resilience solutions. DOE identified wildfire, heat waves, and extreme storm events as the most common climate impacts across the complex. DOE is also enhancing communication systems to alert employees to climate hazards in the workplace and improving air filtration standards to manage health impacts of wildfire smoke.
- [DOC](#) has devoted an entire strategic goal to addressing climate change - *Address the Climate Crisis Through Mitigation, Adaptation, and Resilience Efforts*, and a separate strategic objective to make the Department's facilities and operations more sustainable and efficient. By September 30, 2025, the National Oceanic and Atmospheric Administration will improve climate resilience in coastal communities by completing 100 percent of programmatic milestones: to improve fish passage for threatened and endangered species; support coastal habitat restoration priorities of tribes and underserved communities, remove marine debris; and protect and conserve coastal and Great Lakes habitats.
- [State](#) maintains over 25,000 building assets at 287 locations overseas with a 2024 replacement value estimated at \$75.2 billion. To facilitate managing the natural hazard risks to these facilities, in 2022 the Bureau of Overseas Buildings Operations created a desktop portfolio screening methodology that assesses relative risk for seven natural hazards: flooding, extreme heat, extreme wind, water stress, earthquake, tsunami, and landslide; then added volcano and wildfire in 2024.

In-line with several Biden-Harris administration executive orders, including [Executive Order 14008, Tackling the Climate Crisis at Home and Abroad](#), and other broad performance goals, entities have made strides towards a whole-of-government approach to the climate crisis affecting the nation. This section summarizes some of the actionable plans that federal entities are putting in place, and progress that they have seen. It illustrates the broader programmatic efforts that some entities are undertaking which support the growth of America's clean energy and clean technology industries.

- Combatting climate change is one of five key strategic goal areas at [Treasury](#). In FY 2024, Treasury achieved its goal to develop and disseminate a climate literacy program by offering climate literacy webinars featuring subject matter experts, organizing the Department's first Earth Week in April, distributing a monthly Sustainability Newsletter, and organizing an Employee Resource Group focused on sustainability. Also in FY 2024, Treasury issued approximately 34 guidance items (i.e., IRS Notices, Revenue Procedures and Announcements), and through the IRS administering the IRA incentives, Treasury was able to support the objective to accelerate clean energy deployment.
- [DOI](#) continues to protect, connect, and conserve federal lands and waters to provide strongholds for species and enhance community wellbeing in a changing climate. On April 4, 2024, DOI announced a \$19 million investment from President Biden's Investing in America agenda to install solar panels over irrigation canals in California, Oregon, and Utah, simultaneously decreasing evaporation of critical water supplies and advancing clean energy goals. The *Charybdis* is slated to be the first U.S. built and *Jones Act*-qualified offshore wind installation vessel. The vessel will support the CVOW commercial project, which DOI approved in October 2023. The CVOW project will provide about 2,600 megawatts of clean, reliable offshore wind energy, capable of powering over 660,000 homes.
- As part of its climate strategy, [USAID](#) is pursuing six ambitious targets with aims to achieve them by 2030, including: reducing carbon dioxide emissions by six billion metric tons; conserving, restoring, or managing 100

million hectares of natural and managed ecosystems; supporting 500 million people to be climate resilient; mobilizing \$150 billion of public and private funds towards climate resiliency efforts; aligning its support with countries' mitigation and adaptation commitments in at least 80 countries by 2024; and supporting partners to achieve systemic changes that increase meaningful participation and active leadership in climate action of Indigenous Peoples, local communities, women, youth, and other marginalized and/or underrepresented groups in at least 40 partner countries.

- [DOT](#) provided more than \$2 billion in funding to states and communities to build a nationwide EV charging network. This initial funding will cover approximately 75,000 miles of roads. DOT has a goal of reaching a network of at least 500,000 EV chargers by 2030 so that everyone can ride and drive electric. The Joint Office of Energy and Transportation, in conjunction with DOT and DOE, will support the increased deployment of publicly available EV charging ports to 310,000 by the end of calendar year 2025.
- To address climate change, [EPA](#) has utilized the IRA to provide \$27 billion in Greenhouse Gas Reduction Fund grants to accelerate clean energy and climate solutions across the country. These grants are being used to provide affordable financing for clean technology projects, support community lenders to fund clean energy projects and deliver solar energy to more than 900,000 low-income households nationwide. EPA also recently announced \$300 million of the \$5 billion provided under the IRA for Climate Pollution Reduction implementation grants to assist 34 tribes and territories for the first time, so they can apply greenhouse-gas reduction measures in their own communities.
- [HUD](#) has made funding available in the form of direct loans and grants to fund projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience, of eligible HUD-assisted multifamily properties through a program known as the Green and Resilient Retrofit Program. The program is authorized and funded by Section 30002 of the IRA and is the first HUD program to simultaneously invest in energy efficiency, greenhouse gas emissions reductions, energy generation, green and healthy housing, and climate resilience strategies specifically in HUD-assisted multifamily housing.

Readers are encouraged to review both the financial statements and Climate Adaptation Plans of the entities referenced above, as well as others for additional information about efforts being employed across the federal government to address the many risks associated with climate change.

Financial Management

Grants and Cooperative Agreements

In FY 2024, the federal government obligated approximately \$1.2 trillion for grants and cooperative agreements, according to [USAspending.gov](#). This figure does not include obligations for other types of financial assistance, such as loans or direct appropriations. A large portion of grant funding was provided under the Bipartisan Infrastructure Law and the IRA of 2022. Improving access to key financial assistance data continues to be a priority for OMB. In FY 2024, this included the launch of the new Federal Program Inventory (<https://fpi.omb.gov>) that displays information on federal programs, including those implemented through grants and cooperative agreements.

In 2024, OMB published revisions to Title 2 of the CFR: OMB Guidance on Federal Financial Assistance (2 CFR). These revisions, which were published in May 2024 and became effective on October 1, 2024, reduce the administrative burden for federal agencies and recipients, as well as clarify the guidance and make it more accessible. Revisions to 2 CFR represent the most substantial changes to the guidance since its release in December 2013 and reduce unnecessary compliance requirements, clarify existing policy, and increase important thresholds for federal agencies and recipients. OMB continues to work to ensure that assistance is delivered in a more effective and impactful way and to the communities that need it most.

OMB continued to work with the newly established [COFFA](#). This leadership body has been responsible for providing strategic direction and policy recommendations for other government-wide grant-related activities, including the oversight and management of federal financial assistance. The COFFA has provided a single forum to inform federal financial assistance policy, oversight, and technology activities. These activities included the coordinated implementation of revisions to 2 CFR and the simplification of Notices of Funding Opportunities for grants and cooperative agreements.

Payment Integrity

Preventing improper payments, especially those resulting from fraudulent activity, continues to be a management priority. To be successful in preventing improper payments, there must be an increased focus on improving up-front processes and controls that enable agencies to make payments accurately and minimizing monetary losses. An improper payment is any payment that should not have been made or that was made in an incorrect amount under statutory, contractual, administrative, or other legally applicable requirement. The term “improper payment” consists of two main components: 1) improper payments resulting in a monetary loss to the government; and 2) improper payments that do not result in a monetary loss to the government. Monetary loss occurs when payments are made to the wrong recipient and/or in the wrong amount, including financial fraud. Improper payments that do not result in a monetary loss include underpayments and payments made to the right recipient for the right amount, but the payment was not made in accordance with statute or regulation. Improper payments are not a measure of fraudulent payments nor monetary losses.

The federal government, through the CFO community, continues to develop and implement strategies to better identify, analyze, and prevent improper payments. In February 2024, [JFMIP](#), a cooperative venture between GAO, OMB, OPM, and Treasury, issued the JFMIP Payment Integrity Initiative: A Three Year Plan to Advance Payment Integrity (<https://www.cfo.gov/jfmip/payment-integrity-initiative/>). The initiative advances a “whole of government” approach to preventing improper payments by providing federal programs, including federally funded, state administered programs, greater access to tools, data, and expertise to prevent improper payments; promoting best practices; and building partnerships with key stakeholders throughout the payment lifecycle.

Agencies with programs reporting improper payments that result in more than \$100 million in monetary loss provide quarterly scorecards that are published on [paymentaccuracy.gov](#). These scorecards provide information on the actions taken and progress made on preventing improper payments. This website also includes payment integrity information that OMB and Executive agencies are required to report under the *Payment Integrity Information Act of 2019*, including program compliance, overpayment recoveries, and accountability mechanisms.

OMB will continue to work with agencies, the CFO Council, JFMIP, and other stakeholders to improve the identification of the root causes of improper payments to prevent improper payments from occurring.

Agency Financial Report Audits

Since the enactment of the CFO Act, the federal financial management community has made significant progress in financial accounting and reporting. As shown in Table 10, for FY 2024, 18 of the 24 CFO Act agencies obtained an unmodified opinion from the independent auditors on their financial statements.³¹ In addition, 53 auditor-identified material weaknesses were identified for FY 2024, one more than in FY 2023. Twenty-eight of these material weaknesses are associated with DOD. The other 25 material weaknesses are associated with non-DOD agencies. Although virtually all federal agencies have adopted and maintained disciplined financial reporting operations, implemented effective internal controls over financial reporting, and integrated transaction processing with accounting records, weaknesses in financial management practices continue to prevent the government as a whole from achieving an audit opinion.

³¹ The 18 entities include HHS, which received an unmodified (“clean”) opinion on all statements except the SOSI and the SCSIA.

Table 10: Agency Audit Results: FY 2024

Agency	Audit Opinion	Audit Beginning	Auditor-Reported Material Weaknesses New	Resolved	Consolidated	Ending
Department of Agriculture (USDA)	Qualified	2	1	1	-	2
Department of Commerce (DOC)	Unmodified	1	2	1	-	2
Department of Defense (DOD)	Disclaimer	28	1	1	-	28
Department of Education (Education)	Disclaimer	1	1	-	1	1
Department of Energy (DOE)	Qualified	-	1	-	-	1
Department of Health and Human Services (HHS)*	Unmodified	-	-	-	-	-
Department of Homeland Security (DHS)	Unmodified	5	-	2	-	3
Department of Housing & Urban Development (HUD)	Unmodified	-	-	-	-	-
Department of the Interior (DOI)	Unmodified	3	1	3	-	1
Department of Justice (DOJ)	Unmodified	1	-	-	-	1
Department of Labor (DOL)**	Qualified	1	-	-	-	1
Department of State (State)	Unmodified	-	-	-	-	-
Department of Transportation (DOT)	Unmodified	-	-	-	-	-
Department of the Treasury (Treasury)	Unmodified	-	-	-	-	-
Department of Veterans Affairs (VA)	Unmodified	3	-	-	-	3
Agency for International Development (USAID)	Unmodified	-	-	-	-	-
Environmental Protection Agency (EPA)	Unmodified	-	3	1	-	2
General Services Administration (GSA)	Unmodified	-	-	-	-	-
National Aeronautics & Space Administration (NASA)	Unmodified	-	1	-	-	1
National Science Foundation (NSF)	Unmodified	-	-	-	-	-
Nuclear Regulatory Commission (NRC)	Unmodified	-	-	-	-	-
Office of Personnel Management (OPM)	Unmodified	1	-	1	-	-
Small Business Administration (SBA)	Disclaimer	6	1	-	-	7
Social Security Administration (SSA)	Unmodified	-	-	-	-	-
Totals		52	12	10	1	53

* Unmodified opinion on all statements except SOSI and SCSIA, which received a disclaimer.

**Unmodified opinion on the SOSI and SCSIA

Financial Management and Grants Systems

Federal agencies improved, but continue to face challenges, in implementing financial management systems that meet federal requirements. The number of CFO Act agencies reporting lack of substantial compliance with one or more of the three Section 803(a) requirements of the FFMIA remained at seven in FY 2024, and the number of auditors reporting agencies' lack of substantial compliance with one or more of the three Section 803(a) FFMIA requirements decreased from eight to seven in FY 2024.

Because of the federal government's size and diversity, its financial management infrastructure consists of both legacy and modernized systems and standardized and customized systems. Treasury works closely with agencies to manage systems for collecting and disbursing the government's cash and financing disbursements when necessary, recording and reporting on those collections and disbursements, and reporting on all government revenues, expenses, assets, and liabilities.

Treasury was designated as the Financial Management Systems QSMO in 2020 and continues to pursue financial management improvement strategies that have government-wide implications. These strategies include standing up a financial management systems marketplace and developing system standards, standardized processes, system requirements, and system interfaces. These efforts are providing a path to the decommissioning of legacy systems and migration to updated systems, leveraging modernized technologies. In addition, agencies continue to coordinate with the Treasury QSMO to improve their financial management and financial reporting systems as described in their financial reports, congressional justifications, and performance plans. DOD continues to address its material weaknesses in financial reporting and is bringing its financial systems into compliance with federal financial management systems requirements, including the FFMIA.

HHS was designated as the Grants QSMO in 2021 and continues working to modernize and streamline the government's vast and aging legacy grants management systems. The Grants QSMO established a marketplace of shared service providers for federal grants and developed a Catalog of Market Research highlighting select vendors that offer standard award management systems. HHS is also developing government-wide data standards to be incorporated into marketplace offerings in alignment with the [Grant Reporting Efficiency and Agreements Transparency Act of 2019](#). The goal of this effort is to allow agencies to successfully manage grants through the entire award cycle and allow grants management systems to interface with agency financial management systems.

Internal Controls

Federal managers are responsible for developing and maintaining effective internal controls. Internal controls help ensure effective and efficient operations, reliable financial reporting, and compliance with applicable laws and regulations. Safeguarding assets is a goal of each of these objectives.

OMB Circular No. A-123 implements the requirements of 31 U.S.C. 3512 (c) and (d) [commonly known as the *Federal Managers' Financial Integrity Act of 1982*] by providing agencies a framework for assessing and managing risks strategically and tactically. The Circular reflects GAO's Standards for Internal Control in the Federal Government (the “[Green Book](#)”) and contains multiple appendices that address one or more of the objectives of effective internal control.

- Appendix A outlines a risk-based approach for agencies to use to assess, document, test, and report on internal controls over reporting and data integrity;
- Appendix B requires agencies to maintain internal controls that reduce the risk of fraud, waste, and error in government charge card programs;
- Appendix C implements the requirements for the *Payment Integrity Information Act of 2019*; and
- Appendix D defines requirements for determining compliance with the FFMIA that are intended to reduce the cost, risk, and complexity of financial system modernizations.

As noted above, the total number of reported material weaknesses for CFO Act agencies was 53 for FY 2024, one more than in FY 2023. While progress is being made at many agencies and across the government in identifying and resolving internal control deficiencies, additional work is needed, with GAO reporting in their audit of this report that, at the government-wide level, material weaknesses resulted in ineffective internal control over financial reporting.

Legal Compliance

Federal agencies are required to comply with a wide range of laws and regulations, including appropriations, employment, and health and safety, among others. Responsibility for compliance rests with agency management and compliance is addressed as part of agency financial statement audits. Agency auditors test for compliance with selected laws and regulations related to financial reporting and certain individual agency audit reports contain instances of noncompliance. None of these instances were material to the government-wide financial statements; however, GAO reported that its work on compliance with laws and regulations was limited by the material weaknesses and scope limitations discussed in its report.

Conclusion

The federal government has seen significant progress in financial management since the passage of the CFO Act more than 30 years ago, but challenges remain to realizing the intended financial management reforms of the Act. The issues that the federal government faces today require financial managers to improve both the efficiency and effectiveness of financial management activities, which includes moving toward integrated government operations with standardized business processes, systems, and data. Together with Treasury and OMB, agencies are building on tools and capabilities to improve financial accountability and transparency.

Additional Information

This *Financial Report*'s Appendix contains the names and websites of the significant government agencies included in the U.S. government's consolidated financial statements. Details about the information in this *Financial Report* can be found in these agencies' financial statements. This *Financial Report*, as well as those from previous years, is also available at Treasury, OMB, and GAO websites at:

<https://www.fiscal.treasury.gov/reports-statements/>; <https://www.whitehouse.gov/omb/management/office-federal-financial-management/>; and <https://www.gao.gov/federal-financial-accountability>, respectively. Other related government resources include, but are not limited to the:

- [*Budget of the United States Government*](#),
- [*Treasury Bulletin*](#),
- [*Monthly Treasury Statement of Receipts and Outlays of the United States Government*](#),
- [*Monthly Statement of the Public Debt of the United States*](#),
- [*Your Guide to America's Finances*](#),
- [*Economic Report of the President*](#), and
- [*Trustees Reports for the Social Security and Medicare Programs*](#).



U.S. GOVERNMENT ACCOUNTABILITY OFFICE

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Comptroller General
of the United States

January 16, 2025

The President
The President of the Senate
The Speaker of the House of Representatives

To operate as effectively and efficiently as possible, Congress, the administration, and federal managers must have ready access to reliable and complete financial and performance information—both for individual federal entities and for the federal government as a whole. Our report on the U.S. government's consolidated financial statements for fiscal years 2024 and 2023 discusses progress that has been made, but also underscores that much work remains to improve federal financial management and that the federal government continues to face an unsustainable long-term fiscal path.¹

Our audit report on the U.S. government's consolidated financial statements is enclosed. In summary, we found the following:

- Certain material weaknesses² in internal control over financial reporting and other limitations resulted in conditions that prevented us from expressing an opinion on the accrual-based consolidated financial statements as of and for the fiscal years ended September 30, 2024, and 2023.³ About 47 percent of the federal government's reported total assets as of September 30, 2024, and approximately 21 percent of the federal government's reported net cost for fiscal year

¹As discussed later in this report, an unsustainable long-term fiscal path is a situation where federal debt held by the public grows faster than gross domestic product (GDP) over the long term.

²A material weakness is a deficiency, or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis.

³The accrual-based consolidated financial statements comprise the (1) Statements of Net Cost, Statements of Operations and Changes in Net Position, Reconciliations of Net Operating Cost and Budget Deficit, and Statements of Changes in Cash Balance from Budget and Other Activities, for the fiscal years ended September 30, 2024, and 2023; (2) Balance Sheets as of September 30, 2024, and 2023; and (3) related notes to these financial statements. Most revenues are recorded on a modified cash basis.

2024 relate to significant federal entities that received a disclaimer of opinion⁴ or qualified opinion⁵ on their fiscal year 2024 financial statements or whose fiscal year 2024 financial information was unaudited.⁶

- Significant uncertainties (discussed in Note 25, *Social Insurance*, to the consolidated financial statements), primarily related to the achievement of projected reductions in Medicare cost growth, prevented us from expressing an opinion on the sustainability financial statements, which consist of the 2024 and 2023 Statements of Long-Term Fiscal Projections;⁷ the 2024, 2023, 2022, 2021, and 2020 Statements of Social Insurance;⁸ and the 2024 and 2023 Statements of Changes in Social Insurance Amounts. About \$52.8 trillion, or 67 percent, of the reported total present value of future expenditures in excess of future revenue presented in the 2024 Statement of Social Insurance relates to the Medicare program reported in the Department of Health and Human Services' (HHS) 2024 Statement of Social Insurance, which received a disclaimer of opinion. A material weakness in internal control also prevented us from expressing an opinion on the 2024 and 2023 Statements of Long-Term Fiscal Projections.
- Material weaknesses resulted in ineffective internal control over financial reporting for fiscal year 2024.

⁴A disclaimer of opinion arises when the auditor is unable to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion, and the auditor concludes that the possible effects on the financial statements of undetected misstatements, if any, could be both material and pervasive and accordingly does not express an opinion on the financial statements.

⁵A qualified opinion arises when the auditor is able to express an opinion on the financial statements except for specific areas where the auditor was unable to obtain sufficient appropriate evidence, and the auditor concludes that the possible effects on the financial statements of undetected misstatements, if any, could be material but not pervasive.

⁶These entities include the following: (1) The Department of Defense received a disclaimer of opinion on its fiscal years 2024 and 2023 financial statements. (2) The Small Business Administration received a disclaimer of opinion on its fiscal years 2024 and 2023 balance sheets, and its remaining statements were unaudited. (3) The Department of Education received a disclaimer of opinion on its fiscal years 2024 and 2023 balance sheets, and its remaining statements were unaudited. (4) The Department of Labor received a qualified opinion on its fiscal years 2024 and 2023 financial statements. (5) The Department of Agriculture received a qualified opinion on its fiscal year 2024 and 2023 financial statements. (6) The Department of Energy received a qualified opinion on its fiscal year 2024 financial statements but received an unmodified opinion on its fiscal year 2023 financial statements. (7) The Security Assistance Accounts received a disclaimer of opinion on its fiscal years 2024 and 2023 financial statements. (8) As of the date of our audit report, the audited Schedules of the General Fund of the U.S. Government for fiscal year 2024 were not issued. The fiscal year 2023 Schedules of the General Fund were not audited to allow the Department of the Treasury time to continue to implement a remediation plan to address the issues we reported as part of our disclaimer of opinion on the fiscal year 2022 Schedules of the General Fund. (9) The Railroad Retirement Board received a disclaimer of opinion on its fiscal years 2024 and 2023 financial statements.

⁷The 2024 and 2023 Statements of Long-Term Fiscal Projections present, for all the activities of the federal government, the present value of projected receipts and noninterest spending under current policy without change, the relationship of these amounts to projected GDP, and changes in the present value of projected receipts and noninterest spending from the prior year. These statements also present the fiscal gap, which is the combination of receipt increases and noninterest spending reductions necessary to hold debt held by the public as a share of GDP at the end of the 75-year projection period to its value at the beginning of the period. The valuation date for the Statements of Long-Term Fiscal Projections is September 30.

⁸The Statements of Social Insurance present the present value of revenue and expenditures for social benefit programs, primarily Social Security and Medicare. These statements are presented for the current year and each of the 4 preceding years as required by U.S. generally accepted accounting principles. For the Statements of Social Insurance, the valuation date is January 1 for the Social Security and Medicare programs, October 1 for the Railroad Retirement program, and September 30 for the Black Lung program.

- Material weaknesses and other scope limitations, discussed above, limited tests of compliance with selected provisions of applicable laws, regulations, contracts, and grant agreements for fiscal year 2024.

Progress in Federal Financial Management

Overall, the federal government has made significant strides in improving financial management since key federal financial management reforms were enacted in the 1990s. Eighteen of the 24 Chief Financial Officers Act of 1990 (CFO Act) agencies received unmodified (“clean”) opinions on their fiscal year 2024 financial statements, up from six CFO Act agencies that received clean audit opinions for fiscal year 1996.⁹

Accounting and financial reporting standards have continued to evolve to provide greater transparency and accountability over the federal government’s operations and financial condition, including long-term sustainability. We have reported areas where financial management can be improved, including standardizing and clarifying the responsibilities of chief financial officers, preparing government-wide and agency-level financial management plans, better linking performance and cost information for decision-making, and strengthening improper payment and fraud risk management reporting.¹⁰

While the U.S. government’s consolidated financial statements provide a high-level summary of the financial position, operating results, and financial condition for the federal government as a whole, substantial benefits have been achieved as a result of agencies’ preparation and audit of financial statements, including

- useful and necessary insight into government operations, including the agencies’ financial conditions;
- increased federal agency accountability to Congress and citizens, including independent assurance about the reliability of reported financial information;
- greater confidence to stakeholders (e.g., governance officials, taxpayers, consumers, and regulated entities) that federal funds are being properly accounted for and assets are properly safeguarded;
- an assessment of the reliability and effectiveness of systems and related internal controls, including identifying control deficiencies that could lead to fraud, waste, or abuse;
- a focus on information security;
- early warnings of financial management issues; and
- identification of noncompliance with laws and regulations, which can present challenges to agency operations.

The preparation and audit of individual federal entities’ financial statements have also identified numerous deficiencies, leading to corrective actions to strengthen federal entities’ internal controls, processes, and systems. For instance, in fiscal year 2024 the Department of the Interior resolved two of its three prior year material weaknesses related to internal controls over the preparation and compilation of its financial statements and related disclosures and conformity of its accounting policies

⁹An unmodified (“clean”) audit opinion is expressed when the auditor concludes that the financial statements are presented fairly, in all material respects, in accordance with U.S. generally accepted accounting principles. The 18 agencies include HHS, which received a clean opinion on all statements except the Statements of Social Insurance and the Statements of Changes in Social Insurance Amounts.

¹⁰GAO, *Federal Financial Management: Substantial Progress Made since Enactment of the 1990 CFO Act; Refinements Would Yield Added Benefits*, GAO-20-566 (Washington, D.C.: Aug. 6, 2020), and *Emergency Relief Funds: Significant Improvements Are Needed to Ensure Transparency and Accountability for COVID-19 and Beyond*, GAO-22-105715 (Washington, D.C.: Mar. 17, 2022).

and guidance with generally accepted accounting principles. The third prior year material weakness, related to monitoring of property, plant, and equipment, was downgraded to a significant deficiency.¹¹

Financial Management Challenges

Since the federal government began preparing consolidated financial statements, for fiscal year 1997, three major impediments have continued to prevent us from rendering an opinion on the federal government's accrual-based consolidated financial statements: (1) serious financial management problems at the Department of Defense (DOD), (2) the federal government's inability to adequately account for intragovernmental activity and balances between federal entities, and (3) weaknesses in the federal government's process for preparing the consolidated financial statements.

DOD continues to take positive steps to improve its financial management but faces long-standing issues. After many years of working toward financial statement audit readiness, DOD underwent full financial statement audits for fiscal years 2018 through 2024. These audits resulted in disclaimers of opinion, material weaknesses in internal control over financial reporting (28 in both fiscal years 2024 and 2023), and thousands of audit findings. One positive step was that the Marine Corps received a clean opinion on its fiscal year 2023 financial statements, the first military service to ever do so.¹²

DOD leadership identified a number of financial management-related benefits from these department-wide audits, as well as operational improvements. Auditor findings and recommendations help DOD leaders identify issues with systems, prioritize improvements, drive efficiencies, and measure progress in modernizing and enhancing the department's financial management capabilities. Some examples of financial management-related benefits that DOD has identified in recent years include the following:¹³

- **Improvements to financial systems and data.** DOD reported the modernization of certain financial and business systems, resulting in streamlined processes and strengthened internal controls that improved data quality. For example, to help standardize data, DOD developed Advana, a platform for advanced analytics, which DOD reported has helped reconcile fund balances with Treasury. In 2024, we estimated that Advana has helped DOD avoid making at least \$5.5 billion in potential improper payments. Also, the Marine Corps transitioned from its legacy financial management system to the Defense Agencies Initiative. A Marine Corps official stated that the transition has led to improvements in data accuracy due to the system providing consistent, compliant, and better-structured data, resulting in improved decision-making.
- **Systems cost savings.** DOD reported improvements in the accuracy of its systems inventory, consolidation and retirement of certain systems, and reduction of maintenance costs for legacy systems. For example, DOD reported that since fiscal year 2021, it has retired over 17 legacy defense business systems, allowing it to focus improvement efforts and resources on enduring systems.

¹¹A significant deficiency is a deficiency, or a combination of deficiencies, in internal control over financial reporting that is less severe than a material weakness yet important enough to merit attention by those charged with governance.

¹²The Marine Corps obtained the unmodified opinion on its fiscal year 2023 financial statements based on substantial effort after completing a 2-year audit cycle. As of the date of our audit report, the audited fiscal year 2024 financial statements for the Marine Corps were not issued.

¹³For more information, see GAO, *Financial Management: DOD Has Identified Benefits of Financial Statement Audits and Could Expand Its Monitoring*, GAO-24-106890 (Washington, D.C.: Sept. 24, 2024).

- **Improved ability to use funds.** DOD reported that it improved how it manages its budget obligations, resulting in the availability of budget funds that could be used for more immediate mission-support and mission-critical needs. For example, in fiscal year 2020, the Navy identified and reapplied \$687 million in budget authority to critical requirements.
- **Mitigation of cybersecurity risks.** DOD reported cybersecurity improvements to address aspects of cybersecurity weaknesses identified through financial statement audits. For example, in fiscal year 2023, the Air Force reported partially implementing an identity, credential, and access management tool—aligned with a DOD-wide strategy—that will help address cybersecurity risks, for example, by enhancing user access controls.
- **More efficient processes.** DOD components reported instances of implementing more efficient financial management processes, saving over a million labor hours. For example, in fiscal year 2023, DOD reported that the Army had 79 robotic process automations in place, including 14 for its financial systems, that eliminated the need for 5,600 labor hours that year.
- **Enhanced visibility over assets and inventory.** DOD components reported identifying more than \$16 billion worth of previously untracked assets (including real property and equipment) and inventory. For example, in fiscal year 2021, the Navy reported that it identified more than \$4.3 billion in untracked materials—such as equipment and supplies—which can save on purchase costs by making items available for requisition. Also, remediation of issues identified through financial audits led to better real property management, resulting in improved real property records and redeployment of maintenance costs.

DOD has acknowledged that achieving a clean audit opinion will take time. DOD management prioritized certain critical areas for improvement (i.e., for fiscal year 2024, its priorities were to improve fund balance with Treasury, strengthen the internal control environment, create a universe of transactions, and optimize asset valuations).¹⁴ While fund balance with Treasury remains a material weakness at the DOD department-wide level, eight components reported resolving or downgrading material weaknesses in this area in fiscal year 2024, including the Army General Fund, Navy Working Capital Fund, and Air Force Working Capital Fund. In addition, certain components reported progress in addressing other material weaknesses. For example, the Army Working Capital Fund reduced three material weaknesses related to general equipment, real property, and environmental and disposal liabilities to significant deficiencies, and the Air Force General Fund reduced its military equipment material weakness to a significant deficiency.

Various efforts are also under way to address the other two major impediments to rendering an opinion on the accrual-based consolidated financial statements. In addition to the Department of the Treasury's and the Office of Management and Budget's (OMB) continued leadership, federal entities' strong and sustained commitment is critical to fully addressing these impediments.

Treasury made progress addressing the material weakness related to the government's inability to adequately account for intragovernmental activity and balances between federal entities. For example, in fiscal years 2024 and 2023, Treasury was able to work with entities to reduce intragovernmental differences to amounts Treasury determined were immaterial to the consolidated financial statements,

¹⁴Fund balance with Treasury is the amount in an entity's accounts with Treasury that is available for making expenditures and paying liabilities. Universe of transactions relates to transaction-level populations supporting material financial statement line items.

although it is uncertain if this outcome can be sustained in the future due to underlying deficiencies at federal entities.

Treasury also continued to provide information and assistance to significant federal entities to aid in resolving intragovernmental differences. This included Treasury providing quarterly scorecards highlighting differences needing the entities' attention,¹⁵ meeting with entities to encourage improved intragovernmental processes, and reinforcing the entities' responsibilities to resolve intragovernmental differences.

Treasury also made progress addressing the material weaknesses related to the federal government's process for preparing the consolidated financial statements. In recent years, Treasury's corrective actions included implementing new processes for preparing the consolidated financial statements, enhancing guidance for federal entity financial reporting, and implementing procedures to address certain previously identified internal control deficiencies.¹⁶

In addition to the three major impediments, certain federal entities have experienced financial management challenges in recent years.

- The Small Business Administration (SBA), which had substantial activity related to COVID-19 relief programs, such as the Paycheck Protection Program and the COVID-19 Economic Injury Disaster Loan program, was unable to obtain an opinion on its fiscal years 2020 through 2024 financial statements, after years of receiving clean opinions.¹⁷ SBA's auditor reported several material weaknesses in internal control in fiscal years 2020 through 2024 related to these COVID-19 programs that contributed to SBA's inability to obtain an audit opinion. These weaknesses limit the reliability of SBA's financial reporting and increase the risk of fraud and improper payments. Due to the continuing material weaknesses in controls associated with the two programs that led to loans going to potentially ineligible borrowers, we have designated Emergency Loans for Small Businesses as a high-risk area since 2021.¹⁸
- The Department of Education, after years of receiving clean opinions, was unable to obtain an opinion on its fiscal years 2022 through 2024 financial statements. Education's auditor continued to report a material weakness related to the department's controls over the data used for estimating the costs of its loan programs. This condition led to errors in the estimated costs of the

¹⁵Treasury produces a quarterly scorecard for each significant entity, as well as any other entity reporting significant intragovernmental balances or differences, that reports various aspects of each entity's intragovernmental differences with its trading partners, including the composition of the differences by trading partner and category. Pursuant to Treasury guidance, entities are expected to resolve, with their respective trading partners, the differences identified in their scorecards.

¹⁶GAO, *U.S. Consolidated Financial Statements: Continued Improvements Needed in Treasury and OMB Preparation Process Controls*, GAO-24-107443 (Washington, D.C.: July 10, 2024).

¹⁷The most recent auditor's report is included in Small Business Administration, *Agency Financial Report for Fiscal Year 2024* (Washington, D.C.: Nov. 15, 2024).

¹⁸For more information on GAO's high-risk area with regards to Emergency Loans for Small Businesses, see GAO, *High-Risk Area: Emergency Loans for Small Businesses*, accessed January 8, 2025, <https://www.gao.gov/highrisk/emergency-loans-for-small-businesses>.

department's student loan programs and increases the risk that the balance sheet and related notes could be materially misstated.¹⁹

- The Department of Labor received a qualified opinion on its fiscal years 2021 through 2024 financial statements. Labor was unable to adequately support assumptions used for estimating remaining obligations and benefit overpayments related to the unemployment insurance program.²⁰
- The Department of Agriculture received a qualified opinion on its fiscal years 2023 and 2024 financial statements. Agriculture was unable to support certain budget obligations for Supplemental Nutrition Assistance Program benefits.²¹
- The Department of Energy received a qualified opinion on its fiscal year 2024 financial statements. Energy was unable to adequately support a material portion of its environmental liability balance as of September 30, 2024.²²

The material weaknesses underlying the financial management challenges discussed above (1) hamper the federal government's ability to reliably report a significant portion of its assets, liabilities, costs, and other related information; (2) affect the federal government's ability to reliably measure the full cost, as well as the financial and nonfinancial performance, of certain programs and activities; (3) impair the federal government's ability to adequately safeguard significant assets and properly record various transactions; and (4) hinder the federal government from having reliable, useful, and timely financial information to operate effectively and efficiently. We have made a number of recommendations to OMB, Treasury, DOD, and SBA to address these issues.²³ These entities have taken or plan to take actions to address these recommendations. In addition, federal entity auditors have made recommendations to address underlying deficiencies at the individual entities.

In addition to the material weaknesses referred to above, we identified two other continuing material weaknesses. These are the federal government's inability to (1) determine the full extent to which improper payments, including fraud, occur and reasonably assure that appropriate actions are taken to reduce them and (2) identify and resolve information system control deficiencies and manage information security risks on an ongoing basis. For fiscal year 2024, 12 of the 24 agencies covered by the CFO Act reported material weaknesses or significant deficiencies in information system controls.

The fiscal year 2024 government-wide total of reported improper payment estimates was \$162 billion, but it did not include estimates for certain risk-susceptible programs. The specific programs and activities included in the government-wide total of reported improper payment estimates may change from year to year. While increases in estimated improper payments were reported for several programs

¹⁹The most recent auditor's report is included in Department of Education, *Agency Financial Report for Fiscal Year 2024* (Washington, D.C.: Nov. 14, 2024).

²⁰The most recent auditor's report is included in Department of Labor, *Agency Financial Report for Fiscal Year 2024* (Washington, D.C.: Nov. 14, 2024).

²¹The most recent auditor's report is included in Department of Agriculture, *Agency Financial Report for Fiscal Year 2024* (Washington, D.C.: Nov. 14, 2024).

²²Department of Energy, *Agency Financial Report for Fiscal Year 2024* (Washington, D.C.: Dec. 12, 2024).

²³See GAO, *High Risk Area: DOD Financial Management*, accessed January 8, 2025, <https://www.gao.gov/highrisk/dod-financial-management>; GAO-24-107443; and *High Risk Area: Emergency Loans for Small Businesses*, accessed January 8, 2025, <https://www.gao.gov/highrisk/emergency-loans-for-small-businesses>. Further, other auditors have made recommendations to DOD and SBA for improving their financial management.

and activities, these were more than offset by decreases for certain other programs and activities, resulting in a \$74 billion reduction in reported improper payment estimates from fiscal year 2023.

For example, HHS reported a decrease of about \$19.2 billion in estimated improper payments for Medicaid in fiscal year 2024. According to HHS, this decrease was due to (1) reviews that accounted for certain flexibilities afforded to states during the COVID-19 pandemic, such as postponed eligibility determinations and reduced requirements around provider enrollment or revalidations, and (2) improved state compliance with Medicaid requirements. Also, a significant reduction in COVID-19-related spending in fiscal year 2024 resulted in a decrease in reported improper payment estimates for COVID-19-related programs. For example, the government-wide estimate no longer includes Labor's Federal Pandemic Unemployment Assistance, which reported \$43.6 billion in estimated improper payments in fiscal year 2023.

Further, the federal government is unable to determine the full extent to which fraud occurs in federal programs. While all fraudulent payments are considered improper, not all improper payments are due to fraud.²⁴ Also, the improper payment estimation process is not designed to detect or measure the amount of fraud that may exist. In April 2024, we estimated total direct annual financial losses to the government from fraud to be between \$233 billion and \$521 billion for fiscal years 2018 through 2022.²⁵ The range reflects the different risk environments during this period.²⁶

Fraud estimates can provide a better understanding of the scope of the problem, help prioritize resources, and demonstrate return on investment from fraud prevention and detection efforts. Accordingly, we made recommendations to OMB and Treasury to help improve the federal government's ability to estimate fraud. Specifically, we recommended that Treasury identify methods to expand government-wide fraud estimation, in consultation with OMB. We also recommended that OMB develop guidance on the collection of federal agency and Office of Inspector General data to support fraud estimation, in coordination with agencies and the Council of the Inspectors General on Integrity and Efficiency.

Our audit report presents additional details concerning these material weaknesses and their effect on the accrual-based consolidated financial statements, sustainability financial statements, and managing federal government operations. Until the problems outlined in our audit report are adequately addressed, they will continue to have adverse implications for the federal government and the American people.

Unsustainable Long-Term Fiscal Path

The 2024 Statement of Long-Term Fiscal Projections and related information in Note 24, *Long-Term Fiscal Projections*, to the consolidated financial statements and the unaudited Required Supplementary Information section of the *2024 Financial Report of the United States Government (2024 Financial*

²⁴GAO, *Improper Payments and Fraud: How They Are Related but Different*, [GAO-24-106608](#) (Washington, D.C.: Dec. 7, 2023).

²⁵GAO, *Fraud Risk Management: 2018-2022 Data Show Federal Government Loses an Estimated \$233 Billion to \$521 Billion Annually to Fraud, Based on Various Risk Environments*, [GAO-24-105833](#) (Washington, D.C.: Apr. 16, 2024).

²⁶The different risk environments in 2018 through 2022 are associated with differences in fraud risk factors between those years. These risk factors include large volumes of payments being made, programs that are new to agencies, and limitations in the experience or training of those making eligibility determinations or payment certifications. For example, we have reported on the heightened fraud risk environment associated with some pandemic programs. The estimated losses represent about 3 to 7 percent of average federal obligations for fiscal years 2018 through 2022.

Report) show that, based on current revenue and spending policies, the federal government continues to face an unsustainable long-term fiscal path. GAO and the Congressional Budget Office (CBO) prepare long-term federal fiscal simulations, which also continue to show federal debt held by the public rising as a share of gross domestic product (GDP) in the long term.²⁷ This situation—in which debt held by the public grows faster than GDP—means the federal government's long-term fiscal path is unsustainable.

GAO, CBO, and the *2024 Financial Report*, although using somewhat different assumptions, all project that debt held by the public as a share of GDP (debt-to-GDP) will surpass its historical high (106 percent in 1946) by 2028. Health care and Social Security remain key drivers of federal noninterest spending in the long-term projections. In addition, GAO, CBO and the *2024 Financial Report* project that net interest spending will continue to grow and assume an increasingly larger share of federal spending. As debt levels grow, the government typically must spend more on interest. Moreover, rising interest rates can increase the government's interest costs. In fiscal year 2024, net interest spending of \$881.7 billion (primarily interest on debt held by the public) was more than budget outlays for national defense or for Medicare.

The *2024 Financial Report* provides an estimate of the magnitude of policy changes needed to achieve a target debt-to-GDP ratio of 98 percent (the 2024 level) in 2099 (the fiscal gap).²⁸ Policymakers could close the fiscal gap, achieving the target ratio, through a combination of revenue increases and noninterest spending reductions. For example, the fiscal gap could be closed by increasing projected annual revenue by 22.5 percent, reducing projected annual noninterest spending by 19.0 percent, or some combination of the two. The projections show that the longer policy changes are delayed, the more significant the magnitude of policy changes will need to be to achieve the debt-to-GDP target.

GAO issues an annual report on the fiscal health of the federal government, which provides more information on actions that Congress and the administration can consider to help address the federal government's unsustainable long-term fiscal path.²⁹ Since 2017, we have suggested that Congress develop a strategy to place the federal government on a sustainable fiscal path—where government spending and revenue result in a stable or declining debt-to-GDP ratio over the long term. It is vital that the United States remains in a strong economic position to meet its social and security needs, as well as to preserve flexibility to address unforeseen events, such as an economic downturn or large-scale disaster. A strategy can provide a cohesive picture of the government's long-term goals and can serve as a mechanism for building consensus around these goals. We have reported on elements the strategy could include, such as the following:³⁰

- Establishing fiscal rules and targets to help frame and control the overall results of spending and revenue decisions that affect the debt.

²⁷For more information on GAO's simulations, see GAO, *The Nation's Fiscal Health: Road Map Needed to Address Projected Unsustainable Debt Levels*, GAO-24-106987 (Washington, D.C.: Feb. 15, 2024). For more information on CBO's simulations, see Congressional Budget Office, *An Update to the Budget and Economic Outlook: 2024 to 2034* (Washington, D.C.: June 18, 2024).

²⁸Fiscal gap can also be calculated using different time horizons and different target debt-to-GDP ratios. GAO projects a fiscal gap for a 30-year period. For more information, see GAO, "Interactive Graphic: Exploring the Tough Choices for a Sustainable Fiscal Path," accessed January 8, 2025, <https://files.gao.gov/multimedia/gao-23-106201/interactive>.

²⁹GAO, *Featured Topic: America's Fiscal Future*, accessed January 8, 2025, <https://www.gao.gov/americas-fiscal-future>.

³⁰GAO-24-106987.

- Addressing the imbalance between spending and revenue policies, which would require examining all spending, including entitlement programs and other mandatory programs, as well as tax policies, including tax credits and deductions.
- Addressing financing gaps for Social Security and Medicare trust funds, which are expected to be depleted in 2035 and 2036, respectively.

In 2015, we first recommended that Congress consider alternative approaches to the current debt limit process.³¹ Recently, in December 2024, we recommended that Congress consider immediately replacing the debt limit with an approach that links debt decisions to spending and revenue decisions at the time they are made.³² The current debt limit is a statutory limit on the total amount of outstanding federal debt.³³ It is an after-the-fact measure that restricts Treasury's authority to borrow and fund the spending and revenue decisions that Congress and the President have already enacted.

As a result, the government periodically runs out of borrowing authority needed to pay existing, legally committed obligations. Last-minute negotiations on the debt limit can increase the risk of a default on government debt and other obligations. A default would disrupt financial markets, with immediate, potentially severe consequences for businesses and households. A default could also inflict long-lasting damage to the economy and could worsen the fiscal outlook.

The Fiscal Responsibility Act of 2023 temporarily suspended the debt limit from June 3, 2023, through January 1, 2025.³⁴ An increase or suspension of the debt limit was not enacted by January 1, 2025, and pursuant to the act, the debt limit was increased on January 2, 2025, to \$36,104 billion. On December 27, 2024, the Secretary of the Treasury notified Congress that the federal government is expected to reach the debt limit between January 14 and January 23, 2025, at which time it will be necessary for Treasury to start taking extraordinary measures.

When the debt limit is reached, it will be necessary for Treasury to deviate from its normal debt management operations and use extraordinary measures, which can temporarily free up existing borrowing authority, and cash on hand to continue making payments. As we reported in December 2024, extraordinary measures that Treasury can take are limited and eventually run out, leading to a risk of default.³⁵ As of the date of our audit report (January 8, 2025), the debt limit has not been raised or suspended.

³¹We identified alternative approaches in GAO, *Debt Limit: Market Responses to Recent Impasses Underscores Need to Consider Alternative Approaches*, [GAO-15-476](#) (Washington, D.C.: July 9, 2015).

³²GAO, *Debt Limit: Statutory Changes Could Avert the Risk of a Government Default and Its Potentially Severe Consequences*, [GAO-25-107089](#) (Washington, D.C.: Dec. 11, 2024).

³³The debt limit is codified at 31 U.S.C. § 3101(b), as amended, and applies to federal debt issued pursuant to authority under 31 U.S.C. chapter 31. A very small amount of total federal debt is not subject to the debt limit. This amount primarily comprises unamortized discounts on Treasury bills and Zero Coupon Treasury bonds; debt securities issued by agencies other than Treasury, such as the Tennessee Valley Authority; and debt securities issued by the Federal Financing Bank.

³⁴Pub. L. No. 118-5, div. D, § 401, 137 Stat. 48.

³⁵[GAO-25-107089](#).

Further, there are other risks—such as natural disasters and climate change, global or regional military conflicts, housing finance, and public health crises—that could negatively affect the federal government’s financial condition in the future, including the following:

- Disaster costs are expected to increase beyond current levels as extreme weather events become more frequent and intense because of climate change, as the U.S. Global Change Research Program and the National Academies of Sciences, Engineering, and Medicine have observed and projected. Sources of risk include additional losses on federal insurance programs (e.g., crop and flood insurance) and damage to federal property that might be affected. For example, as currently structured, the National Flood Insurance Program’s premiums and dedicated resources are not sufficient to cover expected costs without borrowing from Treasury. As of September 30, 2024, the Federal Emergency Management Agency (FEMA), which administers the National Flood Insurance Program, owed about \$21 billion to Treasury for money borrowed to pay claims and other expenses. We have reported that FEMA is unlikely to collect enough in premiums in the future to repay this debt.³⁶
- Federal support of the housing finance market remains significant even though the market has largely recovered since the 2007 to 2009 financial crisis. In 2008, the federal government placed the Federal National Mortgage Association (Fannie Mae) and the Federal Home Loan Mortgage Corporation (Freddie Mac) under conservatorship and entered into preferred stock purchase agreements with these government-sponsored enterprises to help ensure their financial stability. These agreements could affect the federal government’s financial condition. At the end of fiscal year 2024, the federal government reported about \$306 billion of investments in these government-sponsored enterprises, which is net of about \$33 billion in valuation losses. The reported maximum remaining commitment to these entities, if needed, is about \$254 billion.
- The U.S. Postal Service (USPS) continues to be in poor financial condition. USPS cannot fund its current level of services and meet its financial obligations from its current level of revenues. Since the Postal Service Reform Act of 2022, USPS has reported net losses of about \$9.5 billion (fiscal year 2024) and about \$6.5 billion (fiscal year 2023). We have reported that USPS’s business model is still not financially sustainable despite Congress and USPS taking significant actions in recent years to address its financial condition.³⁷ USPS’s key costs, such as compensation and benefits, keep rising, and if its expenses continue to exceed its revenue, the government’s future financial condition may be affected.

Our audit report on the U.S. government’s consolidated financial statements would not be possible without the commitment and professionalism of inspectors general throughout the federal government who are responsible for annually auditing the financial statements of individual federal entities. We also appreciate the cooperation and assistance of Treasury and OMB officials as well as the federal entities’ chief financial officers’ flexibility, adaptability, and ability to issue their financial statements on a timely

³⁶GAO, *Flood Insurance: FEMA’s New Rate-Setting Methodology Improves Actuarial Soundness but Highlights Need for Broader Program Reform*, GAO-23-105977 (Washington, D.C.: July 31, 2023).

³⁷GAO, *High-Risk Series: Efforts Made to Achieve Progress Need to Be Maintained and Expanded to Fully Address All Areas*, GAO-23-106203 (Washington, D.C.: Apr. 20, 2023).

basis. We look forward to continuing to work with these individuals, the administration, and Congress to achieve the goals and objectives of federal financial management reform.

Our audit report begins on page 208. Our guide, *Understanding the Financial Report of the United States Government*, is intended to help those who seek to obtain a better understanding of the financial report and is available on GAO's website at <https://www.gao.gov>.³⁸

If you have any questions about our audit report, please contact me on (202) 512-5500 or Robert F. Dacey, Chief Accountant, or Dawn B. Simpson, Director, Financial Management and Assurance, on (202) 512-3406.



Gene L. Dodaro
Comptroller General
of the United States

cc: The Majority Leader of the Senate
The Minority Leader of the Senate
The Majority Leader of the House of Representatives
The Minority Leader of the House of Representatives

³⁸GAO, *Understanding the Financial Report of the United States Government*, GAO-18-239SP (Washington, D.C.: Feb. 2018).

Financial Statements of the United States Government for the Fiscal Years Ended September 30, 2024, and 2023

The consolidated financial statements of the U.S. government were prepared using GAAP. These statements include the accrual-based financial statements and the sustainability financial statements, which are discussed in more detail below, and the related notes to the consolidated financial statements. Collectively, the accrual-based financial statements, the sustainability financial statements, and the notes represent basic information that is deemed essential for the consolidated financial statements to be presented in conformity with GAAP.

ACCRAUL-BASED FINANCIAL STATEMENTS

The accrual-based financial statements present historical information on what the federal government owns (assets) and owes (liabilities) at the end of the year, what came in (revenues) and what went out (net costs) during the year, and how accrual-based net operating costs of the federal government reconcile to the budget deficit and changes in its cash balance during the year. The following sections discuss each of the accrual-based financial statements.

Statements of Net Cost

These statements present the net cost of the government operations for FYs 2024 and 2023. Costs and earned revenues are categorized on the Statement of Net Cost by significant entity, providing greater accountability by showing the relationship of the entities' net cost to the government-wide net cost. Costs and earned revenues are presented in this *Financial Report* on an accrual basis, while the *Budget* presents outlays and receipts, generally on a cash basis. The focus of the *Budget* is by entity.

The Statements of Net Cost contain the following four components:

- Gross cost—is the total cost of providing federal goods and services, excluding (gain)/loss from changes in assumptions and before considering related exchange revenue. The gross costs are the amounts reported by each entity, adjusted to reflect certain cost assignments made on a cause-and-effect or other reasonable basis (see discussion below).
- Earned revenue—is exchange revenue resulting from the government providing goods and services to the public at a price.
- (Gain)/loss from changes in assumptions—is the gain or loss from changes in long-term assumptions used to measure the liabilities reported for federal civilian and military employee pensions, OPEB, and ORB, including veterans' compensation.
- Net cost—is computed by subtracting earned revenue from gross cost, adjusted by the (gain)/loss from changes in assumptions.

Individual entity net cost amounts will differ from the entity's financial statements primarily because of the elimination of intra-governmental activity and the subsequent reallocation of certain costs to individual entities at the government-wide level. While intra-governmental costs are eliminated from the face of the financial statements, the consolidated Statements of Net Cost is intended to show the total cost for each entity, therefore, reallocations are completed at the government-wide level to show costs more accurately at the entity level for employee benefit costs, intra-governmental buy/sell costs and related revenues, custodial collections, and imputed costs. These reallocated costs have a net effect of zero on the Statements of Net Cost in the *Financial Report*.

Because of its specific function, most of the employee benefit costs originally associated with the OPM have been reallocated to the user entities for government-wide reporting purposes. With regard to intra-governmental buy/sell

transactions the selling entities' costs are reallocated to the buying entities in order to allocate the costs to the entities that benefit from such costs.

In addition, the intra-governmental imputed costs recognized for the receipt of goods and services, financed in whole or part by the providing entities, have been reallocated to the net cost amounts of the individual entities receiving the benefit and subtracted from the applicable administering entities' net cost amounts. The most significant types of imputed costs that are recorded relate to post-retirement and health benefits, FECA, and Treasury's Judgment Fund.

The interest on securities issued by Treasury and held by the public is reported on Treasury's financial statements, but because of its importance and the dollar amounts involved, it is reported separately in these statements.

Statements of Operations and Changes in Net Position

These statements report the results of government operations (net operating costs). They include non-exchange revenues, which are generated from transactions that do not require a government entity to give value directly in exchange for the inflow of resources. The government does not "earn" the non-exchange revenue. These are generated principally by the government's sovereign power to tax, levy duties, and assess fines and penalties. These statements also include the net cost reported in the Statements of Net Cost. These statements present information for funds from dedicated collections and funds other than those from dedicated collections. Each of these types are presented on a consolidated basis whereby transactions within each fund type are eliminated. In order to present the activity on a government-wide basis, transactions between funds from dedicated collections and funds other than those from dedicated collections are eliminated.

Revenue

Inflows of resources to the government that the government demands or that it receives by donations are identified as non-exchange revenue. The inflows that it demands include individual income tax and tax withholdings, corporate income taxes, excise taxes, unemployment taxes, custom duties, and estate and gift taxes. The non-exchange revenue is recognized when collected and adjusted for the change in amounts receivable.

Individual income tax and tax withholdings include FICA/SECA taxes and other taxes. Excise taxes consist of taxes collected for various items, such as airline tickets, gasoline products, distilled spirits and imported liquor, tobacco, firearms, and other items.

Other taxes and receipts include FRBs earnings, tax related fines, penalties and interest, and railroad retirement taxes.

Miscellaneous earned revenues consist of earned revenues received from the public with virtually no associated cost. These revenues include rents and royalties on the Outer Continental Shelf Lands resulting from the leasing and development of mineral resources on public lands.

Intra-governmental revenue represents interest earned from the investment of surplus dedicated collections, which finance the deficit spending of all other fund's non-dedicated operations. These investments are recorded as intra-governmental debt holdings and are included in Note 12—Federal Debt and Interest Payable, in the table titled Intra-governmental Debt Holdings: Federal Debt Securities Held as Investments by Government Accounts. These interest earnings and the associated investments are eliminated in the consolidation process.

Net Cost of Government Operations

The net cost of government operations—gross cost (including gains/losses from changes in assumptions) less earned revenue—flows through from the Statements of Net Cost.

Intra-governmental cost represents interest expense from the investment of surplus dedicated collections, which finance the deficit spending of all other fund's non-dedicated operations. These investments are recorded as intra-governmental debt holdings. The interest cost and the associated investments are eliminated in the consolidation process.

Intra-governmental Transfers

Intra-governmental transfers are transfers between funds other than those from dedicated collections and funds from dedicated collections, such as intra-governmental interest and amounts required by statute to be transferred from the General Fund to funds from dedicated collections. These intra-governmental transfers include appropriations, transfers, and other financing sources. These amounts are labeled as “other changes in fund balance” in Note 22—Funds from Dedicated Collections.

Net Operating Cost

The net operating cost equals revenue less net cost of government operations (that flows from the Statement of Net Cost).

Net Position, Beginning of Period

The net position, beginning of period, reflects the amount reported on the prior year’s Balance Sheet as of the end of that fiscal year.

Adjustments to beginning net position may include corrections of material errors or changes in accounting principles. See Note 1.U—Changes in Accounting Principles and Note 1.V—Corrections of Errors for additional information.

Net Position, End of Period

The net position, end of period, reflects the amount as of the end of the fiscal year. The net position for funds from dedicated collections is separately shown.

Reconciliations of Net Operating Cost and Budget Deficit

These statements reconcile the results of operations (net operating cost) on the Statements of Operations and Changes in Net Position to the budget deficit (result of outlays exceeding receipts during a particular fiscal year). The premise of the reconciliation is that accrual accounting and budgetary accounting often share much of the same transactional data. However, some transactions differ between the two bases of accounting and are presented as reconciling items from the net operating cost to the budget deficit. The budget deficit, as presented in the *Financial Report* aligns with Treasury’s September 2024 MTS. However, adjustments to the budget deficit may occur in subsequent releases of the MTS.

Receipts and outlays in the *Budget* are measured primarily on a cash basis and differ from the accrual basis of accounting used in the *Financial Report*. Refer to Note 1.B—Basis of Accounting and Revenue Recognition for additional information on the accrual basis of accounting. These statements begin with the net results of operations (net operating cost) and report activities where the basis of accounting for the components of net operating cost and the budget deficit differ.

Some presentations of the budget deficit make the distinction between on-budget and off-budget totals. On-budget totals reflect the transactions of all government entities, except those excluded from the *Budget* by law. Off-budget totals reflect the transactions of government entities that are excluded from the on-budget totals by law. Under current law, the off-budget totals include the Social Security Trust Funds and USPS. The budget deficit, as presented in the *Financial Report*, combines the on-budget and off-budget totals to derive consolidated totals for federal activity.

Components of Net Operating Cost Not Part of the Budget Deficit

This information includes the operating components, such as the changes in benefits payable for veterans, military and civilian employees, environmental and disposal liabilities, and depreciation expense, not included in the budget results.

Components of the Budget Deficit Not Part of Net Operating Cost

This information includes the budget components, such as the acquisition of capital assets (that are recorded as outlays in the budget when cash is disbursed and reflected in net operating cost through depreciation expense over the useful life of the asset) and increases in other assets that are not included in the operating results.

Statements of Changes in Cash Balance from Budget and Other Activities

The primary purpose of these financial statements is to report how the annual budget deficit relates to the change in the government's cash and other monetary assets, as well as federal debt. It explains why the budget deficit normally would not result in an equivalent change in the government's cash and other monetary assets.

These statements reconcile the budget deficit to the change in cash and other monetary assets during the fiscal year. They also serve to explain how the budget deficits were financed. These statements show the adjustments for non-cash outlays included in the *Budget*, and items affecting the cash balance not included in the *Budget*, to explain the change in cash and other monetary assets.

The budget deficit is primarily financed through borrowings from the public. When receipts exceed outlays, the difference is a surplus. The *Budget* treats borrowing and debt repayment as a means of financing, not as receipts and outlays. The *Budget* records outlays for the interest on the public issues of Treasury debt securities as the interest accrues, not when the cash is paid.

Non-cash flow amounts in the *Budget* related to loan financing account activity also reflect intra-governmental transactions such as interest expense paid or interest revenue received from Treasury, entity year-end credit reform subsidy reestimates, and the receipt of subsidy expense from program accounts. Cash flow from non-budget activities related to loan financing account activity includes all cash flows to and from the public, including direct loan disbursements/default payments to lenders, fees collected, principal and interest repayments, collections on defaulted guarantee loans, and sale proceeds of foreclosed property. The *Budget* totals exclude the transactions of the financing accounts because they are not a cost to the government. However, since loan financing accounts record all credit cash flows to and from the public, they affect the means of financing a budget deficit.

Balance Sheets

The Balance Sheets show the government's assets, liabilities, and net position. When combined with stewardship information, this information presents a more comprehensive understanding of the government's financial position. The net position for funds from dedicated collections is shown separately.

Assets

Assets included on the Balance Sheets are resources of the government that remain available to meet future needs. The most significant assets that are reported on the Balance Sheets are loans receivable, net, PP&E, net; accounts receivable, net; and cash and other monetary assets. There are, however, other significant resources available to the government that extend beyond the assets presented in these Balance Sheets. Those resources include stewardship PP&E in addition to the government's sovereign powers to tax and set monetary policy.

Liabilities and Net Position

Liabilities are obligations of the government resulting from prior actions that will require financial resources. The most significant liabilities reported on the Balance Sheets are federal debt and interest payable and federal employee and veteran

benefits payable. Liabilities also include environmental and disposal liabilities, benefits due and payable, as well as insurance and guarantee program liabilities.

As with reported assets, the government's responsibilities, policy commitments, and contingencies are much broader than these reported Balance Sheet liabilities. They include the social insurance programs reported in the SOSI and disclosed in the unaudited RSI—Social Insurance section, fiscal long-term projections of non-interest spending reported in the SLTFP, and a wide range of other programs under which the government provides benefits and services to the people of this nation, as well as certain future loss contingencies.

The government has entered into contractual commitments requiring the future use of financial resources and has unresolved contingencies where existing conditions, situations, or circumstances create uncertainty about future losses. Commitments and contingencies that do not meet the criteria for recognition as liabilities on the Balance Sheets, but for which there is at least a reasonable possibility that losses have been incurred, are disclosed in Note 20—Commitments and Note 21—Contingencies.

The collection of certain taxes and other revenue is credited to the corresponding funds from dedicated collections that will use these funds to meet a particular government purpose. If the collections from taxes and other sources exceed the payments to the beneficiaries, the excess revenue is invested in Treasury securities or deposited in the General Fund; therefore, the trust fund balances do not represent cash. An explanation of the trust funds for social insurance is included in Note 22—Funds from Dedicated Collections. That note also contains information about trust fund receipts, disbursements, and assets.

Due to its sovereign power to tax and borrow, and the country's wide economic base, the government has unique access to financial resources through generating tax revenues and issuing federal debt securities. This provides the government with the ability to meet present obligations and those that are anticipated from future operations and are not reflected in net position.

The net position is the residual difference between assets and liabilities and is the cumulative results of operations since inception. For detailed components that comprise the net position, refer to the section "Statement of Operations and Changes in Net Position."

SUSTAINABILITY FINANCIAL STATEMENTS

The sustainability financial statements are comprised of the SLTFP, covering all federal government programs, and the SOSI and the SCSCIA, covering social insurance programs (Social Security, Medicare, Railroad Retirement, and Black Lung programs). The sustainability financial statements are designed to illustrate the relationship between projected receipts and expenditures if current policy is continued over a 75-year time horizon.¹ In preparing the sustainability financial statements, management selects assumptions and data that it believes provide a reasonable basis to illustrate whether current policy is sustainable. Current policy is based on current law but includes several adjustments. In the SLTFP, notable adjustments to current law are: 1) projected spending, receipts, and borrowing levels assume raising or suspending the current statutory limit on federal debt; 2) continued discretionary appropriations are assumed throughout the projections period; 3) scheduled Social Security and Medicare Part A benefit payments are assumed to occur beyond the projected point of trust fund depletion; and 4) many mandatory programs with expiration dates prior to the end of the 75-year projection period are assumed to be reauthorized. In the SOSI, the one adjustment to current law is that scheduled Social Security and Medicare Part A benefit payments are assumed to occur beyond the projected point of trust fund depletions. Assumptions underlying such sustainability information do not consider changes in policy or all potential future events that could affect future income, future expenditures, and, hence, sustainability. The projections do not reflect any adverse economic consequences resulting from continuously rising debt levels. A large number of factors affect the sustainability financial statements and future events and circumstances cannot be estimated with certainty. Therefore, even if current policy is continued, there will be differences between the estimates in the sustainability financial statements and actual results, and those differences may be material. The unaudited RSI section of this *Financial Report* includes PV projections using different assumptions to illustrate the sensitivity of the sustainability financial statements to changes in certain assumptions. The sustainability financial statements are intended to help the readers understand current policy and the importance and magnitude of policy reforms necessary to make it sustainable.

By accounting convention, General Fund transfers to Medicare Parts B and D reported in the SOSI are eliminated when preparing the government-wide consolidated financial statements. The SOSI shows the projected General Fund transfers as eliminations that, under current law, would be used to finance the remainder of the expenditures in excess of revenues for

¹ With the exception of the Black Lung program, which has a rolling 25-year projection period that begins on the September 30 valuation date each year.

Medicare Parts B and D reported in the SOSI. The SLTFP include all revenues (including general revenues) of the federal government.

Statements of Long-Term Fiscal Projections

The SLTFP, including the corresponding Note and RSI, are intended to help readers of the government's financial statements assess the federal government's financial condition and how it has changed during the year and may change in the future. The statements and corresponding analysis are specifically designed to help readers assess whether future budgetary resources will be sufficient to sustain public services and to meet obligations as they come due, assuming that current policy for federal government services and taxation continues without change.

The SLTFP display the PV of 75-year projections by major category of receipts and non-interest spending. The projections show the extent to which future receipts of the government exceed or fall short of the government's non-interest spending and are presented both in terms of PV dollars and in terms of PV dollars as a percent of PV GDP. The projections reflect policies currently in place and are neither forecasts nor predictions. The projections are consistent with the projections for Social Security and Medicare presented in the SOSI and are based on the same economic and demographic assumptions that underlie the SOSI. The SLTFP display the fiscal gap, which is a summary measure of the change in receipts or non-interest spending that is necessary to reach a target ratio of debt held by the public to GDP at the end of the projection period. Note 24—Long-Term Fiscal Projections, explains the methods used to prepare the projections. Unaudited RSI further assesses the sustainability of current fiscal policy and provides results that are based on alternative assumptions to those used in the SLTFP.

As discussed further in Note 24, a sustainable policy is one where the debt-to-GDP ratio is stable or declining over the long term. Because GDP measures the size of the nation's economy in terms of the total value of all final goods and services that are produced in a year, the debt-to-GDP ratio is a useful indicator of the economy's capacity to support federal government's services.

Statements of Social Insurance and Changes in Social Insurance Amounts

SOSI provides estimates of the status of the most significant social insurance programs: Social Security, Medicare, Railroad Retirement, and Black Lung.² They are administered by SSA, HHS, RRB, and DOL, respectively. The SSA and HHS projections are based on the intermediate economic and demographic assumptions representing the Trustees' reasonable estimates of likely future economic and demographic conditions, as set forth in the applicable Social Security and Medicare Trustees Reports as well as in the financial statements of HHS and SSA. RRB's projections are based on assumptions from the *29th Actuarial Valuation of the Assets and Liabilities Under the Railroad Retirement Acts as of December 31, 2022 with Technical Supplement*, which also serves as the *2024 Annual Report of the Railroad Retirement System required by Section 502 of the Railroad Retirement Solvency Act of 1983* (P.L. 98-76), as well as in RRB's financial statements and DOL's projections are based on assumptions disclosed in its financial statements.

The SCSIA show two reconciliations: 1) change from the period beginning on January 1, 2023 to the period beginning on January 1, 2024; and 2) change from the period beginning on January 1, 2022 to the period beginning on January 1, 2023. It reconciles the changes (between the current valuation and the prior valuation) in the PV of estimated future revenue less estimated future expenditures for current and future participants (the open group measure) over the next 75 years (except Black Lung which has a rolling 25-year projection period). The reconciliation identifies several components of the changes that are significant and provides reasons for the changes in Note 25—Social Insurance.

² In relation to the amounts presented in the SOSI and SCSIA, because the combined Railroad Retirement and Black Lung programs account for less than one-quarter of 1.0 percent of the statement totals, they are not material from the government-wide perspective.

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**United States Government
Statement of Net Cost
for the Year Ended September 30, 2024**

(In billions of dollars)	Gross Cost	Earned Revenue	Subtotal	(Gain)/Loss from Changes in Assumptions	Net Cost
Department of Health and Human Services	1,907.3	170.1	1,737.2	1.0	1,738.2
Social Security Administration	1,530.5	0.3	1,530.2	-	1,530.2
Department of Defense	1,062.9	67.3	995.6	236.7	1,232.3
Interest on Treasury Securities held by the public	909.1	-	909.1	-	909.1
Department of Veterans Affairs	515.6	5.9	509.7	(37.7)	472.0
Department of the Treasury	321.5	99.2	222.3	-	222.3
Department of Agriculture	213.7	10.6	203.1	-	203.1
Office of Personnel Management	147.7	31.9	115.8	83.8	199.6
Department of Education	218.8	27.1	191.7	-	191.7
Department of Transportation	116.8	1.5	115.3	-	115.3
Department of Homeland Security	118.4	17.0	101.4	-	101.4
Department of Energy	81.3	5.8	75.5	-	75.5
Security Assistance Accounts	99.5	25.1	74.4	-	74.4
Department of Justice	49.4	1.9	47.5	-	47.5
Department of Housing and Urban Development	51.2	4.4	46.8	-	46.8
Department of Labor	40.6	-	40.6	-	40.6
Department of State	44.2	6.1	38.1	(0.3)	37.8
Department of the Interior	32.1	3.4	28.7	-	28.7
National Aeronautics and Space Administration	25.0	0.5	24.5	-	24.5
Agency for International Development	23.5	0.1	23.4	-	23.4
Federal Communications Commission	17.6	0.4	17.2	-	17.2
Department of Commerce	20.2	4.7	15.5	-	15.5
Railroad Retirement Board	14.6	-	14.6	-	14.6
Environmental Protection Agency	14.3	0.6	13.7	-	13.7
United States Postal Service	89.4	77.8	11.6	-	11.6
Pension Benefit Guaranty Corporation	35.3	24.8	10.5	-	10.5
National Science Foundation	9.4	-	9.4	-	9.4
Smithsonian Institution	1.6	0.4	1.2	-	1.2
Millennium Challenge Corporation	0.7	-	0.7	-	0.7
National Credit Union Administration	0.4	0.1	0.3	-	0.3
U.S. Nuclear Regulatory Commission	0.9	0.7	0.2	-	0.2
Securities and Exchange Commission	3.1	3.4	(0.3)	-	(0.3)
Farm Credit System Insurance Corporation	0.1	0.4	(0.3)	-	(0.3)
Export-Import Bank of the United States	(0.1)	0.2	(0.3)	-	(0.3)
United States International Development Finance Corporation	0.1	0.4	(0.3)	-	(0.3)
General Services Administration	1.6	2.1	(0.5)	-	(0.5)
Tennessee Valley Authority	11.1	12.3	(1.2)	-	(1.2)
National Railroad Retirement Investment Trust	0.1	4.6	(4.5)	-	(4.5)
Small Business Administration	(0.2)	4.5	(4.7)	-	(4.7)
Federal Deposit Insurance Corporation	21.9	35.5	(13.6)	-	(13.6)
All other entities	21.0	1.8	19.2	0.1	19.3
Total	<u>7,772.2</u>	<u>652.9</u>	<u>7,119.3</u>	<u>283.6</u>	<u>7,402.9</u>

The accompanying notes are an integral part of these financial statements.

**United States Government
Statement of Net Cost
for the Year Ended September 30, 2023**

(In billions of dollars)	Gross Cost	Earned Revenue	Subtotal	(Gain)/Loss from Changes in Assumptions	Net Cost
Department of Health and Human Services	1,875.6	161.2	1,714.4	(0.3)	1,714.1
Social Security Administration	1,433.1	0.3	1,432.8	-	1,432.8
Department of Defense	969.0	55.0	914.0	89.3	1,003.3
Interest on Treasury Securities held by the public	678.0	-	678.0	-	678.0
Department of Veterans Affairs	902.0	5.5	896.5	558.8	1,455.3
Department of the Treasury	357.4	53.7	303.7	-	303.7
Department of Agriculture	238.1	11.8	226.3	-	226.3
Office of Personnel Management	124.0	29.4	94.6	111.9	206.5
Department of Education	50.9	32.4	18.5	-	18.5
Department of Transportation	108.2	1.5	106.7	-	106.7
Department of Homeland Security	111.2	15.6	95.6	1.0	96.6
Department of Energy	86.2	11.3	74.9	-	74.9
Security Assistance Accounts	109.3	6.1	103.2	-	103.2
Department of Justice	51.6	3.7	47.9	-	47.9
Department of Housing and Urban Development	71.4	4.1	67.3	-	67.3
Department of Labor	45.3	-	45.3	-	45.3
Department of State	41.6	6.0	35.6	(0.2)	35.4
Department of the Interior	29.5	3.0	26.5	-	26.5
National Aeronautics and Space Administration	24.8	0.4	24.4	-	24.4
Agency for International Development	36.8	-	36.8	-	36.8
Federal Communications Commission	18.6	0.4	18.2	-	18.2
Department of Commerce	17.3	4.3	13.0	-	13.0
Railroad Retirement Board	15.6	-	15.6	-	15.6
Environmental Protection Agency	12.3	0.4	11.9	-	11.9
United States Postal Service	83.8	77.0	6.8	-	6.8
Pension Benefit Guaranty Corporation	55.0	17.0	38.0	-	38.0
National Science Foundation	9.0	-	9.0	-	9.0
Smithsonian Institution	2.0	0.5	1.5	-	1.5
Millennium Challenge Corporation	0.7	-	0.7	-	0.7
National Credit Union Administration	0.4	0.1	0.3	-	0.3
U.S. Nuclear Regulatory Commission	0.8	0.7	0.1	-	0.1
Securities and Exchange Commission	2.4	2.6	(0.2)	-	(0.2)
Farm Credit System Insurance Corporation	-	0.6	(0.6)	-	(0.6)
Export-Import Bank of the United States	(0.9)	(0.2)	(0.7)	-	(0.7)
United States International Development Finance Corporation	-	0.3	(0.3)	-	(0.3)
General Services Administration	0.9	1.1	(0.2)	-	(0.2)
Tennessee Valley Authority	11.4	12.0	(0.6)	-	(0.6)
National Railroad Retirement Investment Trust	0.1	2.8	(2.7)	-	(2.7)
Small Business Administration	35.5	5.2	30.3	-	30.3
Federal Deposit Insurance Corporation	21.8	11.9	9.9	-	9.9
All other entities	31.0	1.8	29.2	0.1	29.3
Total	<u>7,661.7</u>	<u>539.5</u>	<u>7,122.2</u>	<u>760.6</u>	<u>7,882.8</u>

The accompanying notes are an integral part of these financial statements.

United States Government
Statement of Operations and Changes in Net Position
for the Year Ended September 30, 2024 (Consolidated)

(In billions of dollars)	Funds other than those from Dedicated Collections	Funds from Dedicated Collections (Note 22)	Eliminations	Total
	2024			
Revenue (Note 19):				
Individual income tax and tax withholdings	2,407.5	1,678.0	-	4,085.5
Corporate income taxes	534.9	-	-	534.9
Excise taxes	30.8	61.3	-	92.1
Unemployment taxes	8.0	38.3	-	46.3
Customs duties	76.3	0.1	-	76.4
Estate and gift taxes	31.6	-	-	31.6
Other taxes and receipts	65.1	30.8	-	95.9
Miscellaneous earned revenues	15.2	-	-	15.2
Intra-governmental revenue	-	122.5	(122.5)	-
Total revenue	3,169.4	1,931.0	(122.5)	4,977.9
Net Cost of Government Operations:				
Net cost	4,886.6	2,516.3	-	7,402.9
Intra-governmental cost	122.5	-	(122.5)	-
Total net cost	5,009.1	2,516.3	(122.5)	7,402.9
Intra-governmental transfers	(532.2)	532.2	-	-
Net operating (cost)/revenue	(2,371.9)	(53.1)	-	(2,425.0)
Net position, beginning of period	(41,239.7)	3,760.5	-	(37,479.2)
Adjustments to beginning net position				
Changes in accounting principles (Note 1.U)	20.5	(0.1)	-	20.4
Net operating (cost)/revenue	(2,371.9)	(53.1)	-	(2,425.0)
Net position, end of period	(43,591.1)	3,707.3	-	(39,883.8)

The accompanying notes are an integral part of these financial statements.

United States Government
Statement of Operations and Changes in Net Position
for the Year Ended September 30, 2023 (Consolidated)

(In billions of dollars)	Funds other than those from Dedicated Collections	Funds from Dedicated Collections (Note 22)	Eliminations	Total
	2023			
Revenue (Note 19):				
Individual income tax and tax withholdings	2,122.4	1,590.7	-	3,713.1
Corporate income taxes	368.2	-	-	368.2
Excise taxes	27.4	66.3	-	93.7
Unemployment taxes	7.8	39.3	-	47.1
Customs duties	78.1	0.1	-	78.2
Estate and gift taxes	33.7	-	-	33.7
Other taxes and receipts	86.6	28.7	-	115.3
Miscellaneous earned revenues	16.3	-	-	16.3
Intra-governmental revenue	-	106.0	(106.0)	-
Total revenue	2,740.5	1,831.1	(106.0)	4,465.6
Net Cost of Government Operations:				
Net cost	5,504.6	2,378.2	-	7,882.8
Intra-governmental cost	106.0	-	(106.0)	-
Total net cost	5,610.6	2,378.2	(106.0)	7,882.8
Intra-governmental transfers				
	(611.0)	611.0	-	-
Net operating (cost)/revenue				
	(3,481.1)	63.9	-	(3,417.2)
Net position, beginning of period				
Adjustments to beginning net position	(37,757.6)	3,696.4	-	(34,061.2)
Changes in accounting principles (Note 1.U)	(1.0)	0.2	-	(0.8)
Net operating (cost)/revenue	(3,481.1)	63.9	-	(3,417.2)
Net position, end of period	(41,239.7)	3,760.5	-	(37,479.2)

The accompanying notes are an integral part of these financial statements.

United States Government
Reconciliations of Net Operating Cost and Budget Deficit
for the Years Ended September 30, 2024, and 2023

(In billions of dollars)	2024	2023*
Net operating cost	(2,425.0)	(3,417.2)
Components of net operating cost not part of the budget deficit:		
Excess of accrual-basis expenses over budget outlays:		
** Federal employee and veteran benefits payable:		
Pension and accrued benefits	324.5	303.7
Veterans compensation and burial benefits	113.6	1,130.7
Post-retirement health and accrued benefits	219.0	49.5
Other benefits	28.7	51.8
Subtotal - federal employee and veteran benefits payable	685.8	1,535.7
** Insurance and guarantee program liabilities	6.7	(5.2)
** Environmental and disposal liabilities	20.7	19.0
** Accounts payable	10.0	9.6
** Benefits due and payable	(5.9)	37.6
** Advances from others and deferred revenue	7.8	108.1
Other liabilities	(108.0)	157.9
Subtotal - excess of accrual-basis expenses over budget outlays	617.1	1,862.7
Amortized expenses not included in budget outlays:		
Property, plant, and equipment depreciation expense	70.6	77.9
Other expenses that are not reported as budget outlays:		
Property, plant, and equipment disposals and revaluations	2.0	9.1
Excess of accrual-basis revenue over budget receipts:		
Accounts receivable, net	(2.5)	(18.6)
Taxes receivable, net	43.7	55.0
Other losses/(gains) and cost/(revenue) that are not budget receipts:		
** Investments in government-sponsored enterprises	(65.4)	(16.7)
Subtotal - components of net operating cost not part of budget deficit	665.5	1,969.4
Components of the budget deficit that are not part of net operating cost:		
Budget receipts not included in net operating cost:		
Credit reform and other loan activities	(145.6)	24.5
Budget outlays not included in net operating cost:		
Acquisition of capital assets	(127.7)	(124.5)
** Investments	(1.6)	(0.5)
** Inventory and related property, net	(24.3)	(16.1)
** Advances and prepayments	106.3	45.4
Other assets	115.8	(157.7)
Subtotal - components of the budget deficit that are not part of net operating cost	(77.1)	(228.9)
Adjustments to beginning net position	20.4	(0.8)
Other:		
Allocations of special drawing rights	(4.8)	(4.0)
All other reconciling items	(11.8)	(13.7)
Total other	(16.6)	(17.7)
Budget deficit	(1,832.8)	(1,695.2)

* Certain amounts differ from prior year reported amounts due to a change in presentation (see Financial Statement Note 1.W).

** The amounts represent the year over year net change in the Balance Sheet line items.

United States Government
Statements of Changes in Cash Balance from Budget and Other Activities
for the Years Ended September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Cash flow from budget activities:		
Total budget receipts	4,918.7	4,439.3
Total budget outlays	<u>(6,751.5)</u>	<u>(6,134.5)</u>
<i>Budget deficit</i>	<u>(1,832.8)</u>	<u>(1,695.2)</u>
Adjustments for non-cash outlays included in the budget:		
Non-cash flow amounts in the budget related to federal debt:		
Accrued interest	517.6	407.2
Net amortization	331.5	197.4
Other	67.7	47.7
<i>Subtotal - adjustments for non-cash flow amounts in the budget related to federal debt</i>	<u>916.8</u>	<u>652.3</u>
Non-cash flow amounts in the budget related to loan financing account activity:		
Interest revenue on uninvested funds	10.2	11.9
Interest expense on entity borrowings	<u>(47.7)</u>	<u>(45.4)</u>
Downward reestimates/negative subsidy payments	(19.5)	(357.4)
Subsidy expense/upward reestimates	<u>170.3</u>	<u>191.4</u>
<i>Subtotal - adjustments for non-cash flow amounts in the budget related to loan financing account activity</i>	<u>113.3</u>	<u>(199.5)</u>
<i>Total of adjustments for non-cash outlays included in the budget</i>	<u>1,030.1</u>	<u>452.8</u>
Cash flow from activities not included in the budget:		
Cash flow from non-budget activities related to federal debt:		
Interest paid	<u>(500.3)</u>	<u>(371.8)</u>
<i>Subtotal - cash flow from non-budget activities related to federal debt</i>	<u>(500.3)</u>	<u>(371.8)</u>
Cash flow from non-budget activities related to loan financing account activity:		
Loan disbursements/default payments	(238.0)	(219.5)
Fees	22.7	22.1
Principal and interest repayments	151.8	91.3
Other collections on defaulted loans receivable and sale of foreclosed property	6.1	4.6
Special purpose vehicle disbursements	-	(0.2)
Repayments of special purpose vehicle investments	9.6	4.7
<i>Subtotal - cash flow from non-budget activities related to loan financing account activity</i>	<u>(47.8)</u>	<u>(97.0)</u>
Cash flow from financing federal debt:		
Borrowings	28,817.9	20,196.0
Repayments	<u>(26,908.4)</u>	<u>(18,212.8)</u>
Discount/premium	<u>(387.8)</u>	<u>(285.5)</u>
<i>Subtotal - cash flow from financing federal debt</i>	<u>1,521.7</u>	<u>1,697.7</u>
<i>Total cash flow from activities not included in the budget</i>	<u>973.6</u>	<u>1,228.9</u>
Other:		
Allocations of special drawing rights	4.8	4.0
All other reconciling items	79.8	53.9
<i>Total other</i>	<u>84.6</u>	<u>57.9</u>
Change in cash and other monetary assets balance	255.5	44.4
Beginning cash and other monetary assets balance	922.2	877.8
<i>Ending cash and other monetary assets balance</i>	<u>1,177.7</u>	<u>922.2</u>

The accompanying notes are an integral part of these financial statements.

**United States Government
Balance Sheets
as of September 30, 2024, and 2023**

(In billions of dollars)	2024	2023*
Assets:		
Cash and other monetary assets (Note 2)	1,177.7	922.2
Accounts receivable, net (Note 3)	278.7	319.9
Loans receivable, net (Note 4)	1,751.0	1,695.1
Loan guarantees (Note 4)	27.9	4.6
Inventory and related property, net (Note 5)	447.3	423.0
Property, plant and equipment, net (Note 6)	1,313.0	1,235.0
Investments in government-sponsored enterprises (Note 7)	305.8	240.4
Investments (Note 8)	132.4	130.8
Advances and prepayments (Note 9)	146.4	252.7
Other assets (Note 10)	81.9	195.4
Total assets	<u>5,662.1</u>	<u>5,419.1</u>
Stewardship property, plant, and equipment (Note 26)		
Liabilities:		
Accounts payable (Note 11)	134.2	124.2
Federal debt and interest payable (Note 12)	28,338.9	26,347.7
Federal employee and veteran benefits payable (Note 13)	15,033.4	14,347.6
Environmental and disposal liabilities (Note 14)	666.0	645.3
Benefits due and payable (Note 15)	320.0	325.9
Insurance and guarantee program liabilities (Note 16)	106.0	99.3
Advances from others and deferred revenues (Note 17)	363.1	355.3
Other liabilities (Note 18)	584.3	653.0
Total liabilities	<u>45,545.9</u>	<u>42,898.3</u>
Commitments (Note 20) and Contingencies (Note 21)		
Net Position:		
Funds from Dedicated Collections (Note 22)	3,707.3	3,760.5
Funds other than those from Dedicated Collections	<u>(43,591.1)</u>	<u>(41,239.7)</u>
Total net position	<u>(39,883.8)</u>	<u>(37,479.2)</u>
Total liabilities and net position**	<u>5,662.1</u>	<u>5,419.1</u>

* Certain amounts differ from prior year reported amounts due to a change in presentation (see Financial Statement Note 1.W).

** Total liabilities and net position equals Total liabilities and Total net position.

The accompanying notes are an integral part of these financial statements.

United States Government
Statements of Long-Term Fiscal Projections (Note 24)
Present Value of 75-Year Projections as of September 30, 2024, and 2023¹

	In trillions of dollars			Percent of GDP²		
	2024	2023	Change	2024	2023	Change
Receipts:						
Social Security payroll taxes	84.2	80.8	3.4	4.2	4.2	-
Medicare payroll taxes	28.7	27.4	1.3	1.4	1.4	-
Individual income taxes	223.6	204.4	19.2	11.2	10.7	0.5
Corporation income taxes	27.0	24.3	2.7	1.3	1.3	0.1
Other receipts	23.0	23.0	-	1.1	1.2	(0.1)
Total receipts	386.5	360.0	26.6	19.3	18.8	0.5
Non-interest spending:						
Social Security	118.5	114.2	4.2	5.9	6.0	-
Medicare Part A ³	37.5	37.9	(0.4)	1.9	2.0	(0.1)
Medicare Parts B & D ⁴	54.7	52.2	2.5	2.7	2.7	-
Medicaid	52.7	47.3	5.4	2.6	2.5	0.2
Other mandatory	66.6	62.8	3.8	3.3	3.3	0.1
Defense discretionary	60.5	59.8	0.7	3.0	3.1	(0.1)
Non-defense discretionary	68.8	58.9	9.8	3.4	3.1	0.4
Total non-interest spending	459.2	433.1	26.1	22.9	22.6	0.4
Receipts less non-interest spending	(72.7)	(73.2)	0.5	(3.6)	(3.8)	0.2
Fiscal gap⁵				(4.3)	(4.5)	0.1

¹ 75-year present value projections for 2024 are as of 9/30/2024 for FYs 2025-2099; projections for 2023 are as of 9/30/2023 for FYs 2024-2098.

² The 75-year present value of nominal GDP, which drives the calculations above is \$2,002.6 trillion starting in FY 2025 and was \$1,919.1 trillion starting in FY 2024.

³ Represents portions of Medicare supported by payroll taxes.

⁴ Represents portions of Medicare supported by general revenues. Consistent with the President's Budget, outlays for Parts B & D are presented net of premiums.

⁵ To prevent the debt-to-GDP ratio from rising over the next 75 years, a combination of non-interest spending reductions and receipt increases that amounts to 4.3 percent of GDP on average is needed (4.5 percent of GDP on average in 2023). See Note 24—Long-Term Fiscal Projections.

Totals may not equal the sum of components due to rounding.

The accompanying notes are an integral part of these financial statements.

**United States Government
Statements of Social Insurance (Note 25)
Present Value of Long-Range (75 Years, except Black Lung) Actuarial Projections**

(In trillions of dollars)	2024	2023	2022	2021	2020
Federal Old-Age, Survivors and Disability Insurance (Social Security):¹¹					
<i>Revenue (Contributions and Dedicated Taxes) from:</i>					
Participants who have attained eligibility age (age 62 and over)	2.4	2.2	2.0	1.8	1.7
Participants who have not attained eligibility age	44.6	42.2	40.4	37.5	35.2
Future participants	44.3	43.0	41.8	39.3	37.0
All current and future participants	91.3	87.4	84.2	78.6	73.9
<i>Expenditures for Scheduled Future Benefits for:</i>					
Participants who have attained eligibility age (age 62 and over)	(24.6)	(23.5)	(21.6)	(19.8)	(18.3)
Participants who have not attained eligibility age	(74.0)	(71.2)	(68.5)	(64.9)	(59.8)
Future participants	(18.1)	(17.9)	(17.4)	(16.6)	(15.5)
All current and future participants	(116.7)	(112.6)	(107.5)	(101.3)	(93.6)
<i>Present value of future expenditures in excess of future revenue</i>					
	(25.4) ¹	(25.2) ²	(23.3) ³	(22.7) ⁴	(19.7) ⁵
Federal Hospital Insurance (Medicare Part A):¹¹					
<i>Revenue (Contributions and Dedicated Taxes) from:</i>					
Participants who have attained eligibility age (age 65 and over)	0.9	0.9	0.8	0.7	0.6
Participants who have not attained eligibility age	16.2	15.4	14.8	13.0	12.5
Future participants	15.4	15.0	14.6	13.0	12.5
All current and future participants	32.5	31.3	30.2	26.7	25.6
<i>Expenditures for Scheduled Future Benefits for:</i>					
Participants who have attained eligibility age (age 65 and over)	(7.3)	(7.2)	(7.0)	(6.2)	(6.1)
Participants who have not attained eligibility age	(23.0)	(23.6)	(23.2)	(20.9)	(20.1)
Future participants	(4.8)	(5.1)	(5.0)	(4.6)	(4.2)
All current and future participants	(35.1)	(35.9)	(35.2)	(31.7)	(30.4)
<i>Present value of future expenditures in excess of future revenue</i>					
	(2.6) ¹	(4.6) ²	(5.0) ³	(5.0) ⁴	(4.8) ⁵
Federal Supplementary Medical Insurance (Medicare Part B):¹¹					
<i>Revenue (Premiums) from:</i>					
Participants who have attained eligibility age (age 65 and over)	2.3	2.1	2.2	1.9	1.7
Participants who have not attained eligibility age	11.2	10.9	11.8	10.0	9.3
Future participants	2.8	2.7	3.1	2.6	2.5
General Fund transfers	42.4	40.9	39.5	35.5	33.1
All current and future participants	58.7	56.6	56.6	50.0	46.6
<i>Expenditures for Scheduled Future Benefits for:</i>					
Participants who have attained eligibility age (age 65 and over)	(8.5)	(8.0)	(7.8)	(6.9)	(6.2)
Participants who have not attained eligibility age	(39.9)	(38.5)	(38.6)	(34.1)	(31.8)
Future participants	(10.3)	(10.1)	(10.2)	(9.0)	(8.6)
All current and future participants	(58.7)	(56.6)	(56.6)	(50.0)	(46.6)
<i>Eliminations</i>					
<i>Present value of future expenditures in excess of future revenue (after eliminations)⁶</i>					
	(42.4) ¹	(40.9) ²	(39.5) ³	(35.5) ⁴	(33.1) ⁵

The accompanying notes are an integral part of these financial statements.

United States Government**Statements of Social Insurance (Note 25), continued****Present Value of Long-Range (75 Years, except Black Lung) Actuarial Projections**

(In trillions of dollars)	2024	2023	2022	2021	2020
Federal Supplementary Medical Insurance (Medicare Part D):¹¹					
<i>Revenue (Premiums and State Transfers) from:</i>					
Participants who have attained eligibility age (age 65 and over)	0.4	0.4	0.4	0.3	0.3
Participants who have not attained eligibility age	2.1	1.9	2.3	2.0	2.0
Future participants	0.7	0.7	1.0	0.9	0.9
General Fund transfers	7.8	7.6	8.0	7.7	7.8
All current and future participants	11.0	10.6	11.7	10.9	11.0
<i>Expenditures for Scheduled Future Benefits for:</i>					
Participants who have attained eligibility age (age 65 and over)	(1.5)	(1.3)	(1.2)	(1.1)	(1.0)
Participants who have not attained eligibility age	(7.1)	(6.9)	(7.4)	(6.9)	(7.0)
Future participants	(2.4)	(2.4)	(3.1)	(2.9)	(3.0)
All current and future participants	(11.0)	(10.6)	(11.7)	(10.9)	(11.0)
<i>Eliminations</i>	(7.8)	(7.6)	(8.0)	(7.7)	(7.8)
<i>Present value of future expenditures in excess of future revenue (after eliminations)⁶</i>	(7.8) ¹	(7.6) ²	(8.0) ³	(7.7) ⁴	(7.8) ⁵
Other:					
<i>Present value of future expenditures in excess of future revenue⁷</i>	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
<i>Total present value of future expenditures in excess of future revenue^{8, 9, 10}</i>	(78.3)	(78.4)	(75.9)	(71.0)	(65.5)

The accompanying notes are an integral part of these financial statements.

United States Government
Statements of Social Insurance (Note 25), continued
Present Value of Long-Range (75 Years, except Black Lung) Actuarial Projections

(In trillions of dollars)	2024	2023	2022	2021	2020
Social Insurance Summary:¹¹					
<i>Participants who have attained eligibility age:</i>					
Revenue (e.g., contributions and dedicated taxes)	6.0	5.6	5.4	4.7	4.3
Expenditures for scheduled future benefits	(41.9)	(40.0)	(37.6)	(34.0)	(31.6)
Present value of future expenditures in excess of future revenue	(35.9)	(34.4)	(32.2)	(29.3)	(27.3)
<i>Participants who have not attained eligibility age:</i>					
Revenue (e.g., contributions and dedicated taxes)	74.1	70.4	69.3	62.5	59.0
Expenditures for scheduled future benefits	(144.0)	(140.2)	(137.7)	(126.8)	(118.7)
Present value of future expenditures in excess of future revenue	(69.9)	(69.8)	(68.4)	(64.3)	(59.7)
Closed group - Total present value of future expenditures in excess of future revenue					
	(105.8)	(104.2)	(100.6)	(93.6)	(87.0)
<i>Future participants:</i>					
Revenue (e.g., contributions and dedicated taxes)	63.2	61.4	60.5	55.8	52.9
Expenditures for scheduled future benefits	(35.7)	(35.6)	(35.8)	(33.2)	(31.4)
Present value of future revenue in excess of future expenditure	27.5	25.8	24.7	22.6	21.5
Open group - Total present value of future expenditures in excess of future revenue					
	(78.3)	(78.4)	(75.9)	(71.0)	(65.5)

¹ The projection period for Social Security and Medicare is 1/1/2024 - 12/31/2098 and the valuation date is 1/1/2024.

² The projection period for Social Security and Medicare is 1/1/2023 - 12/31/2097 and the valuation date is 1/1/2023.

³ The projection period for Social Security and Medicare is 1/1/2022 - 12/31/2096 and the valuation date is 1/1/2022.

⁴ The projection period for Social Security and Medicare is 1/1/2021 - 12/31/2095 and the valuation date is 1/1/2021.

⁵ The projection period for Social Security and Medicare is 1/1/2020 - 12/31/2094 and the valuation date is 1/1/2020.

⁶ These amounts represent the PV of the future transfers from the General Fund to the SMI Trust Funds. These future intra-governmental transfers are included as income in both HHS's and the CMS's financial statements but, by accounting convention, are not income from the government-wide perspective of this report.

⁷ Includes Railroad Retirement and Black Lung.

⁸ These amounts do not include the PV of the financial interchange between the railroad retirement and social security systems, which is included as income in the Railroad Retirement Financial Report, but is not included from the government-wide perspective of this report (See discussion of RRB in the unaudited RSI section of this report).

⁹ Does not include interest expense accruing on the outstanding debt of the BLDTF.

¹⁰ For information on the projection periods and valuation dates for the Railroad Retirement and Black Lung programs, refer to the financial statements of RRB and DOL, respectively.

¹¹ Current participants for the Social Security and Medicare programs are assumed to be the closed group of individuals who are at least 15 years of age at the start of the projection period, and are participating as either taxpayers, beneficiaries, or both. Amounts shown exclude General Fund transfers reported by CMS for Medicare's Parts B and D.

The accompanying notes are an integral part of these financial statements.

United States Government
Statement of Changes in Social Insurance Amounts
for the Year Ended September 30, 2024 (Note 25)

(In trillions of dollars)	Social Security ¹	Medicare HI ¹	Medicare SMI ^{1, 3}	Other ²	Total
NPV of future revenue less future expenditures for current and future participants (open group) over the next 75 years, beginning of the year	(25.2)	(4.6)	(48.5)	(0.1)	(78.4)
Reasons for changes in the NPV during the year:					
Changes in valuation period	(0.8)	(0.1)	(1.4)	-	(2.3)
Changes in demographic data, assumptions, and methods	(1.2)	(0.7)	(0.4)	-	(2.3)
Changes in economic data, assumptions, and methods	0.4	-	-	-	0.4
Changes in law or policy	-	-	-	-	-
Changes in methodology and programmatic data	1.4	-	-	-	1.4
Changes in economic and health care assumptions	-	2.1	0.6	-	2.7
Change in projection base	-	0.7	(0.5)	-	0.2
Net change in open group measure	(0.2)	2.0	(1.7)	-	0.1
Open group measure, end of year	<u><u>(25.4)</u></u>	<u><u>(2.6)</u></u>	<u><u>(50.2)</u></u>	<u><u>(0.1)</u></u>	<u><u>(78.3)</u></u>

¹ Amounts represent changes between valuation dates 1/1/2023 and 1/1/2024.

² Includes Railroad Retirement changes between valuation dates 10/1/2022 and 10/1/2023 and Black Lung changes between 9/30/2023 and 9/30/2024.

³ Amounts shown exclude General Fund transfers reported by CMS for Medicare's Parts B and D.

The accompanying notes are an integral part of these financial statements.

United States Government
Statement of Changes in Social Insurance Amounts
for the Year Ended September 30, 2023 (Note 25)

(In trillions of dollars)	Social Security ¹	Medicare HI ¹	Medicare SMI ^{1, 3}	Other ²	Total
NPV of future revenue less future expenditures for current and future participants (open group) over the next 75 years, beginning of the year	(23.3)	(5.0)	(47.5)	(0.1)	(75.9)
Reasons for changes in the NPV during the year:					
Changes in valuation period	(0.7)	(0.2)	(1.1)	-	(2.0)
Changes in demographic data, assumptions, and methods	(0.1)	(0.3)	0.2	-	(0.2)
Changes in economic data, assumptions, and methods	(0.8)	-	-	-	(0.8)
Changes in law or policy	-	-	1.1	-	1.1
Changes in methodology and programmatic data	(0.3)	-	-	-	(0.3)
Changes in economic and health care assumptions	-	(0.3)	(2.3)	-	(2.6)
Change in projection base	-	1.2	1.1	-	2.3
Net change in open group measure	(1.9)	0.4	(1.0)	-	(2.5)
Open group measure, end of year	<u>(25.2)</u>	<u>(4.6)</u>	<u>(48.5)</u>	<u>(0.1)</u>	<u>(78.4)</u>

¹ Amounts represent changes between valuation dates 1/1/2022 and 1/1/2023.

² Includes Railroad Retirement changes between valuation dates 10/1/2021 and 10/1/2022 and Black Lung changes between 9/30/2022 and 9/30/2023.

³ Amounts shown exclude General Fund transfers reported by CMS for Medicare's Parts B and D.

The accompanying notes are an integral part of these financial statements.

United States Government Notes to the Financial Statements for the Fiscal Years Ended September 30, 2024, and 2023

Note 1. Summary of Significant Accounting Policies

A. Reporting Entity

The government includes the executive branch, the legislative branch, and the judicial branch. This *Financial Report* includes the financial status and activities related to the operations of the government. SFFAS No. 47, *Reporting Entity* provides criteria for identifying organizations that are included in the *Financial Report* as consolidation entities or disclosure entities. The determination as to whether an organization is a consolidation entity or disclosure entity is based on the assessment of the following characteristics as a whole, the organization: a) is financed through taxes and other non-exchange revenues; b) is governed by the Congress or the President; c) imposes or may impose risks and rewards to the government; and d) provides goods and services on a non-market basis.

Consolidation entities are organizations that are consolidated in the financial statements. For disclosure entities, data is not consolidated in the financial statements, instead information is disclosed in the notes to the financial statements concerning: a) the nature of the government's relationship with the disclosure entities; b) the nature and magnitude of relevant activity with the disclosure entities during the period and balances at the end of the period; and c) a description of financial and non-financial risks, potential benefits and, if possible, the amount of the government's exposure to gains and losses from the past or future operations of the disclosure entity or entities.

SFFAS No. 47 also provides guidance for identifying related parties and in determining what information to provide about related party relationships of such significance that it would be misleading to exclude such information.

Based on the criteria in GAAP for federal entities, the assets, liabilities, and results of operations of Fannie Mae and Freddie Mac are not consolidated into the government's consolidated financial statements. However, the values of the investments in such entities, changes in value, and related activity with these entities are included in the government's consolidated financial statements. Although federal investments in Fannie Mae and Freddie Mac are significant, these entities do not meet the GAAP criteria for consolidation entities.

Under SFFAS No. 47 criteria, Fannie Mae and Freddie Mac were owned or controlled by the government as a result of: a) regulatory actions (such as organizations in receivership or conservatorship); or b) other government intervention actions. Under the regulatory or other intervention actions, the relationship with the government is not expected to be permanent. These entities are classified as disclosure entities based on their characteristics as a whole (see Note 27—Disclosure Entities and Related Parties for additional information on these disclosure entities).

Also, under GAAP criteria, the FR System and SPVs are not consolidated into the government's consolidated financial statements (see Note 8—Investments for additional information on SPVs and Note 27—Disclosure Entities and Related Parties for additional information concerning the FR System).

For additional information regarding Reporting Entity, see Appendix A—Reporting Entity.

B. Basis of Accounting and Revenue Recognition

Consolidated Financial Statements

The consolidated financial statements of the government are prepared in accordance with the standards established by FASAB. As permitted by FASAB standards, certain components of the federal government prepare their financial statements following the standards established by FASB. Information from those components is included within the government's consolidated financial statements without conversion to FASAB standards. Intra-governmental transactions are eliminated in

consolidation. The consolidated financial statements include accrual-based financial statements and sustainability financial statements, which are discussed in more detail below, and the related notes to the consolidated financial statements. Collectively, the accrual-based financial statements, the sustainability financial statements, and the notes represent information that is deemed essential for the financial statements and notes to be presented in conformity with GAAP.

Accounting standards allow certain presentations and disclosures to be modified, if needed, to prevent the disclosure of classified information. Accordingly, modifications may have been made to certain presentations and disclosures.

Accrual-Based Financial Statements

The accrual-based financial statements were prepared under the following principles:

- Expenses are generally recognized when incurred.
- Non-exchange revenue, including taxes, duties, fines, and penalties, are recognized when collected and adjusted for the change in amounts receivable (modified cash basis). Related refunds and other offsets, including those that are measurable and legally payable, are netted against non-exchange revenue.
- Exchange (earned) revenue is recognized when the government provides goods and services to the public for a price. Exchange revenue includes user charges such as admission to federal parks and premiums for certain federal insurance.

The basis of accounting used for budgetary purposes, which is primarily on a cash basis (budget deficit) and follows budgetary concepts and policies, differs from the basis of accounting used for the financial statements which follow GAAP. See the Reconciliations of Net Operating Cost and Budget Deficit in the Financial Statements section.

Sustainability Financial Statements

The sustainability financial statements were prepared based on the projected PV of the estimated future revenue and estimated future expenditures, primarily on a cash basis, for a 75-year period. The sustainability financial statements consist of the: 1) SLTFP, covering all federal government programs and all sources of federal revenue; 2) SOSI; and 3) SCSIA.

New Standards Issued in Prior and Current Years and Implemented in Current Year

In FY 2016, the government began implementing the requirements of new standards related to the reporting for inventory and related property, net and PP&E, net. These standards are available to each reporting entity once per line item addressed in the standard. The standards being implemented are:

- FASAB issued SFFAS No. 48, *Opening Balances for Inventory, Operating Materials and Supplies, and Stockpile Materials*. SFFAS No. 48 permits a reporting entity to apply an alternative valuation method in establishing opening balances and applies when a reporting entity is presenting financial statements, or one or more line items addressed by this statement. SFFAS No. 48 was effective beginning in FY 2017. Early implementation was permitted. DOD did partially implement in 2016 and select component entities have continued to implement in FY 2017 through FY 2024. DOD has not declared full implementation yet; therefore, this standard continues to be partially implemented each year.
- FASAB issued SFFAS No. 50, *Establishing Opening Balances for General Property, Plant and Equipment*. SFFAS No. 50 permits a reporting entity to apply an alternative valuation method in establishing opening balances and applies when a reporting entity is presenting financial statements, or one or more line items addressed by this statement. SFFAS No. 50 was effective beginning in FY 2017. Early implementation was permitted. DOD did partially implement in 2016 and select component entities have continued to implement in FY 2017 through FY 2024. DOD has not declared full implementation yet; therefore, this standard continues to be partially implemented each year.

In July 2021, FASAB issued SFFAS No. 59, *Accounting and Reporting of Government Land*. Per SFFAS No. 59, starting in FY 2026, land and permanent land rights will no longer be capitalized, and the previously capitalized amounts will be removed from the Balance Sheet. Also, starting in FY 2026, SFFAS No. 59 requires certain disclosures in the notes to the financial statements, including estimated acreage of land and permanent land rights and its predominant use. For FY 2022 through FY 2025, such disclosures are required to be presented as RSI. These include:

- Estimated acres of PP&E land and stewardship land using three predominant use sub-categories:
 - Conservation and preservation land;
 - Operational land; and
 - Commercial use land.
- Estimated acres of land held for disposal or exchange.

In April 2018, FASAB issued SFFAS No. 54, *Leases*, which has since been amended. SFFAS No. 54 requires lessees to recognize a RTU lease asset and a lease liability for long-term, non-intragovernmental leases. SFFAS No. 54 is effective beginning FY 2024.

In April 2024, FASAB issued SFFAS No. 63, *Omnibus Amendments 2024-1*. This standard retains the requirement to report oil, gas, and other natural resource information as RSI, and amends certain P3 entity level disclosure requirements. This standard has no effect on the U.S. government's consolidated financial statements.

New Standards Issued and Not Yet Implemented

As of September 2024, FASAB has issued the following new standard that is applicable to the *Financial Report*, but is not yet implemented at the government-wide level for FY 2024:

In September 2024, FASAB issued SFFAS No. 64, *Management's Discussion and Analysis: Rescinding and Replacing SFFAS 15*. SFFAS No. 64 improves the MD&A by guiding management in the preparation of a balanced, concise, integrated, and understandable MD&A that is useful for all users. This standard is effective for FY 2026, early implementation is permitted.

C. Accounts Receivable, Net

Accounts receivable include the amount of taxes receivable that consist primarily of uncollected tax assessments, penalties, and interest when taxpayers have agreed, or a court has determined, the assessments are owed. Taxes receivable do not include unpaid assessments when taxpayers or a court have not agreed that the amounts are owed (compliance assessments) or the government does not expect further collections due to factors such as the taxpayer's death, bankruptcy, or insolvency (write-offs). Taxes receivable are reported net of an allowance for the estimated portion deemed to be uncollectible.

Other accounts receivable represent claims to cash or other assets from entities outside the government that arise from the sale of goods or services, duties, fines, certain license fees, recoveries, or other provisions of the law. Accounts receivable are reported net of an allowance for uncollectible amounts. An allowance is established when it is more likely than not the receivables will not be totally collected. The allowance method varies among the entities in the government and is usually based on past collection experience and is reestimated periodically as needed. Methods may include statistical sampling of receivables, specific identification and intensive analysis of each case, aging methodologies, and percentage of total receivables based on historical collection. See Note 3—Accounts Receivable, Net for additional information.

D. Loans Receivable, Net

Direct loans committed after FY 1991 are valued at their gross amounts less an allowance for the PV of the amounts not expected to be recovered, and thus having to be subsidized is called an "allowance for subsidy."

Direct loans obligated before FY 1992 are valued under the PV method. Under the PV method, the outstanding principal of direct loans is reduced by an allowance equal to the difference between the outstanding principal and the PV of the expected net cash flows. See Note 4—Loans Receivable, Net and Loan Guarantees for additional information.

E. Loan Guarantees

Loan guarantees are valued at the PV of the cash outflows (e.g., claim payments) less the PV of the related inflows (e.g., recoveries, fees).

Generally, loan guarantees are recorded as a liability except when cash inflows are expected to exceed cash outflows on a PV basis. This results in a loan guarantee that is reported as an asset on the Balance Sheet. See Note 4—Loans Receivable, Net and Loan Guarantees for additional information.

F. Inventory and Related Property, Net

Inventory is tangible personal property that is categorized as: 1) held for current sale; 2) held in reserve for future sale; 3) held for repair; or 4) excess, obsolete, and unserviceable. Inventory held for current sale and held in reserve for future sale are valued by the main contributing entities at historical cost using the MAC flow assumption. Historical cost includes all appropriate purchase, transportation, and production costs incurred to bring the items to their current condition and location. Any abnormal costs, such as excessive handling or rework costs, are charged to operations of the period. Inventory held for repair is accounted for by the main contributors using the allowance method which values inventory at the same value as a serviceable item. However, an allowance for repairs contra-asset account (e.g., allowance for loss) is established to recognize estimated repair costs in the current period operating expenses. Excess, obsolete, and unserviceable inventory is valued at its net realizable value.

Related property includes OM&S, stockpile materials, and other miscellaneous related property. OM&S is tangible personal property to be consumed in normal operations. Stockpile materials are strategic and critical materials being held due to statutory requirements for use in national defense, conservation, or national emergencies. The main contributing entities value OM&S and stockpile materials using various methods including MAC, standard price, historical cost, replacement price, and direct method. The entities also use both the consumption method and purchase method. The consumption method expenses OM&S when consumed, while the purchase method expenses OM&S when purchased. If OM&S are not significant amounts, are in the hands of the end user for use in normal operations, or if it is not cost beneficial to apply the consumption method; then the purchases method is applied.

FASAB issued additional guidance, SFFAS No. 48, *Opening Balances for Inventory, Operating Materials and Supplies, and Stockpile Materials*, which permits a reporting entity to apply an alternative valuation method (e.g., deemed cost) in establishing opening balances for inventory, OM&S, and stockpile materials. This guidance is intended to provide an alternative valuation method when historical records and systems do not provide a basis for valuation of opening balances in accordance with SFFAS No. 3, *Accounting for Inventory and Related Property*. Please refer to Note 5—Inventory and Related Property, Net, for additional information.

G. Property, Plant, and Equipment, Net

PP&E consists of tangible assets (e.g., buildings, structures and facilities, furniture and fixtures, equipment, and land) that have an estimated useful life of two or more years, are not intended for sale in the ordinary course of business and are intended for use or available for use by the entity. PP&E also includes internal use software, land rights, assets acquired through financing leases, RTU lease assets, and leasehold improvements.

At the government-wide level, SFFAS No. 6, *Accounting for Property, Plant, and Equipment* is followed and requires that PP&E is recorded at cost and includes all costs incurred to bring the PP&E to a form and location suitable for its intended use. The main contributing entities use estimated historical cost for PP&E. Costs to acquire PP&E, extend the useful life of an existing asset, or enlarge or improve its capacity are capitalized and depreciated or amortized over the remaining useful life. Depreciation expense is recognized on all capitalized PP&E, except land and land rights of unlimited duration. In the case of constructed PP&E, the asset is recorded as construction work in process until it is placed in service, at which time the balance is transferred to a major class of PP&E. See Note 6—Property, Plant, and Equipment, Net, for additional information.

FASAB issued additional guidance, SFFAS No. 50, *Establishing Opening Balances for General Property, Plant, and Equipment*, which states that a reporting entity may choose one of three alternative methods for establishing an opening balance for PP&E. The alternative methods include using deemed cost to establish opening balances of PP&E, selecting between deemed cost and prospective capitalization of internal use software, and allowing an exclusion of land and land rights from opening balances with disclosure of acreage information and expensing of future acquisitions. An entity electing to exclude land and land rights from its PP&E opening balances must disclose, with a reference on the Balance Sheet to the related disclosure, the number of acres held at the beginning of each reporting period, the number of acres added during the period, the number of acres disposed of during the period, and the number of acres held at the end of each reporting period. Some consolidating DOD contributors used the alternative valuation methods from SFFAS No. 50 based on historical records such as expenditure data, contracts, budget information, and engineering documentation. When applicable, DOD will continue to adopt SFFAS No. 50.

For financial reporting purposes, heritage assets (excluding multi-use heritage assets) and stewardship land are not recorded as part of PP&E. Since heritage assets are intended to be preserved as national treasures, it is anticipated that they

will be maintained in reasonable repair and that there will be no diminution in their usefulness over time. Many assets are clearly heritage assets. For example, the National Park Service manages the Washington Monument, the Lincoln Memorial, and the Mall. Heritage assets that are predominantly used in general government operations are considered multi-use heritage assets and are included in PP&E. Stewardship land is also consistent with the treatment of heritage assets in that much of the government's land is held for the general welfare of the nation and is intended to be preserved and protected. Stewardship land is land owned by the government but not acquired for or in connection with PP&E. Because most federal land is not directly related to PP&E, it is deemed to be stewardship land and accordingly, it is not reported on the Balance Sheet. Examples of stewardship land include national parks and forests. For additional information on stewardship assets, see Note 26—Stewardship Property, Plant, and Equipment.

H. Investments in Government-Sponsored Enterprises

The senior preferred stock and associated warrants for the purchase of common stock in the GSEs (Fannie Mae and Freddie Mac) are presented at their FV. SPSPAs, which Treasury entered into with each GSE when they were placed under conservatorship, can result in payments to the GSEs when, at the end of any quarter, the FHFA, acting as the conservator, determines that the liabilities of either GSE exceed its respective assets. Such payments result in an increase to the liquidation preference of investment in the GSEs' senior preferred stock, with a corresponding decrease to cash held by Treasury for government-wide operations. In addition, the liquidation preference of investments in the GSEs will increase, based on the quarterly earnings of the GSEs, up to the adjusted capital reserve amounts set for each GSE.

The valuation to estimate the investment's FV incorporates forecasts, projections, and cash flow analyses. Changes in valuation, including impairments, are deemed usual and recurring and thus are recorded as exchange transactions on the Statement of Net Cost (as earned revenue) and investments in GSEs on the Balance Sheet. The government also records dividends related to these investments as exchange transactions (as earned revenue) which are accrued when declared.

The potential liabilities to the GSEs, if any, are assessed annually and recorded at the gross estimated amount. For additional information on investments in GSEs, refer to Note 7—Investments in Government-Sponsored Enterprises.

I. Investments

Most investments are reported at FV. FV is the estimate of the price at which an orderly transaction to sell the asset would take place between market participants at the measurement date under current market conditions. Market or observable inputs are used as the preferred source of values, followed by assumptions based on hypothetical transactions in absence of market inputs. Certain investments rely on NAV as a practical expedient (i.e., priced without adjustments) to estimate their FV. NAV is derived from the FV of the underlying investments as of the reporting date. See Note 8—Investments for additional information.

J. Federal Debt and Interest Payable

Federal debt is primarily comprised of Treasury securities, which are debt instruments issued to the public to raise money needed to operate the federal government and pay off maturing obligations. Treasury issues these debt instruments to the public in the form of marketable bills, notes, bonds, TIPS and FRNs, and in the form of nonmarketable securities including Government Account Series securities, U.S. Savings Securities, and SLGS securities. The amount of the debt, or principal, is also called the security's face value or par value. To accurately reflect the federal debt, Treasury records principal transactions with the public at par value at the time of the transaction. Certain Treasury securities are issued at a discount or premium. These discounts and premiums are amortized over the term of the security using an interest method for all long-term securities (term greater than one year) and the straight-line method for short-term securities (term of one year or less). In addition, the principal for TIPS is adjusted daily based on the CPI for all Urban Consumers. Certain Treasury securities also pay interest. For marketable securities, Treasury issues notes and bonds that pay semi-annual interest based on the security's stated interest rate. For FRNs, which accrue interest daily and pay the aggregated interest on a quarterly basis, the interest rate is based on two components; the index rate tied to the highest accepted discount rate of the most recent 13-week marketable bill auction and the spread rate, which is the highest accepted discount rate determined at auction when the FRN is first offered. TIPS, on the other hand, pay a semi-annual fixed rate of interest applied to the inflation-adjusted

principal. However, for all security types accrued interest is recorded as an expense when incurred, instead of when paid. See Note 12—Federal Debt and Interest Payable for additional information.

K. Federal Employee and Veteran Benefits Payable

Generally, federal employee and veteran benefits payable are recorded during the time employee services are rendered. The related liabilities for defined benefit pension plans, veterans' compensation, burial, education and training benefits, post-retirement health benefits, and life insurance benefits, are recorded at estimated PV of future benefits, less any estimated PV of future normal cost contributions. Normal cost is the portion of the actuarial PV of projected benefits allocated as an expense for employee services rendered in the current year. Actuarial gains and losses (as well as prior service cost, if any) are recognized immediately in the year they occur without amortization.

VA provides certain veterans and/or their dependents with pension benefits, based on annual eligibility reviews, if the veteran died or was disabled for nonservice-related causes. The pension program for veterans is not accounted for as a “federal employee pension plan” under SFFAS No. 5, *Accounting for Liabilities of the Federal Government*, due to differences between its eligibility conditions and those of federal employee pensions. Therefore, a future liability for pension benefits is not recorded. These benefits are recognized as expenses when benefits are paid rather than when employee services are rendered.

In accordance with 38 CFR § 17.36(c), the VA makes an annual enrollment decision that identifies which veterans, by priority, will be treated for that fiscal year based on funds appropriated, estimated collections, usage, the severity index of enrolled veterans, and changes in cost. While VA expects to continue to provide medical care to veterans in future years, an estimate of this amount cannot be reasonably made. These medical care expenses are recognized in the period the medical care services are provided.

The actuarial liability for FECA benefits is recorded at estimated PV of future benefits for injuries and deaths that have already been incurred.

Gains and losses from changes in long-term assumptions used to estimate federal employee pensions, ORB, and OPEB liabilities are reflected separately on the Statement of Net Cost and the components of the expense related to federal employee pension, ORB, and OPEB liabilities are disclosed in Note 13—Federal Employee and Veteran Benefits Payable as prescribed by SFFAS No. 33, *Pensions, Other Retirement Benefits, and Other Postemployment Benefits: Reporting the Gains and Losses from Changes in Assumptions and Selecting Discount Rates and Valuation Dates*. In addition, SFFAS No. 33 also provides a standard for selecting the discount rate assumption for PV estimates of federal employee pension, ORB, and OPEB liabilities. See Note 13—Federal Employee and Veteran Benefits Payable for additional information.

L. Environmental and Disposal Liabilities

Environmental and disposal liabilities are estimated costs for anticipated remediation, cleanup, and disposal costs resulting from the use of the government’s assets or operations. Estimated costs for environmental and disposal liabilities can change over time because of laws and regulation updates, technology updates, inflation or deflation factors, and disposal plan revisions. Accruals for environmental cleanup costs are the cost of removing, containing, and/or disposing of hazardous wastes or materials that, because of quantity, concentration, or physical or chemical characteristics, may pose a substantial present or potential hazard to human health or the environment. Cleanup costs include, but are not limited to decontamination, decommissioning, site restoration, site monitoring, closure, and post-closure costs. PP&E recognition of an anticipated environmental disposal liability begins when the asset is placed in service. See Note 14—Environmental and Disposal Liabilities for additional information.

M. Benefits Due and Payable

A liability for social insurance programs (including but not limited to: Social Security, Medicare, Railroad Retirement, Black Lung, and Unemployment) is recognized for any unpaid amounts currently due and payable to beneficiaries or service providers as of the end of the reporting period. See Note 15—Benefits Due and Payable for additional information.

N. Insurance and Guarantee Program Liabilities

Insurance programs are authorized by law to financially compensate a designated population of beneficiaries by accepting all or part of the risk for losses incurred because of an adverse event. Certain consolidation entities with significant insurance and guarantee programs (e.g., PBGC and FDIC) apply FASB standards and are not converted to FASAB standards in consolidation, as permitted by SFFAS No. 47.

PBGC values its liabilities at the PV of future benefits and PV of nonrecoverable future financial assistance using assumptions derived from market-based (FV) annuity prices from insurance companies. Assumptions are selected in accordance with PBGC's best estimate of anticipated experience for expected retirement ages and the cost of administrative expenses.

The PV of future benefits is the estimated liability for future pension benefits that PBGC is or will be obligated to pay the participants of trustee plans and the net liability for plans pending termination and trusteeship. PBGC recognizes a single-employer program liability for trustee or terminated plans and probable plan terminations. The liability is PBGC's best estimate of the losses, net of plan assets, and the PV of expected recoveries (from sponsors and members of their controlled group) for plans that are likely to terminate in the future. PBGC uses assumptions to adjust the value of those future payments to reflect the time value of money (by discounting) and the probability of payment (by means of decrements, such as for death or retirement). PBGC also includes anticipated expenses to settle the benefit obligation in the determination of the PV of future benefits. Significant unobservable inputs are incorporated in the calculation of the PV of future benefits as well. Refer to PBGC's financial statements for additional information.

PBGC recognizes a multiemployer program liability for future financial assistance to insolvent plans and to plans deemed probable to becoming insolvent. Projecting a future insolvency requires considering several complex factors, such as an estimate of future cash flows, future mortality rates, and age of participants not in pay status. In general, if a terminated plan's assets are less than the PV of its liabilities, PBGC considers the plan a probable risk of requiring financial assistance in the future.

FDIC records a liability for FDIC-insured institutions that are likely to fail when the liability is probable and reasonably estimable, absent some favorable event such as obtaining additional capital or merging. The FDIC liability is derived by applying expected failure rates and loss rates to the institutions based on supervisory ratings, balance sheet characteristics, and projected capital levels.

PBGC's exposure to losses from plan terminations and insolvencies, and FDIC's exposure to losses from insured institutions that are classified as reasonably possible are disclosed in Note 21—Contingencies.

All other insurance and guarantee programs are accounted for in the consolidated financial statements in accordance with SFFAS No. 51, *Insurance Programs*.

Insurance programs exclude programs that administer direct loans and loan guarantees; qualify as social insurance; are authorized to engage in disaster relief activities; provide grants; provide benefits or assistance based on an individual's or a household's income and/or assets; assume the risk of loss arising from federal government operations; pay claims through an administrative or judicial role for individuals or organizations who claim they have been harmed by a federal entity; indemnify contractors, agreement partners, and other third parties for loss or damage incurred while or caused by work performed for a federal entity; or are workers' or occupational illness compensation programs that compensate current or former employees (or survivors) and certain third parties for injuries and occupational diseases obtained while working for a federal entity.

Per SFFAS No. 51, there are three categories of insurance programs: 1) exchange transaction insurance programs other than life insurance; 2) non-exchange transaction insurance programs; and 3) life insurance programs.

For exchange transaction insurance programs other than life insurance, revenues are recognized when earned over the insurance arrangement period and liabilities are recognized for unearned premiums, unpaid insurance claims, and for losses on remaining coverage. Losses on remaining coverage represent estimated amounts to be paid to settle claims for the period after year-end through the end of insurance coverage in excess of the summation of unearned premiums and premiums due after the end of the reporting period.

For non-exchange transaction insurance programs, revenue is recognized the same as other non-exchange transaction revenue, no unearned premium liability is recorded, and a liability is only recognized for unpaid insurance claims.

For life insurance programs, revenue is recognized when due, and liabilities are recognized for unpaid insurance claims and future policy benefits. The liability for future policy benefits represents the expected PV of future claims to be paid to, or on behalf of, existing policyholders, less the expected PV of future net premiums to be collected from those policyholders. Life insurance programs are disclosed in Note 13—Federal Employee and Veteran Benefits Payable. See Note 16—Insurance and Guarantee Program Liabilities for additional information.

O. Leases

In accordance with SFFAS No. 54, *Leases*, starting in FY 2024, lease liabilities (See Note 18—Other Liabilities) and corresponding gross RTU assets (See Note 6—Property, Plant, and Equipment) are recognized when the government has the right to obtain and control access to economic benefits or services from an underlying PP&E asset for a period of time in exchange for consideration under the terms of a contract or agreement. The liability and corresponding gross RTU asset are adjusted when certain specified events, such as lease modifications, occur. The RTU lease asset is amortized over the life of the lease. The lease liability represents the PV of future lease payments. Interest expense on the lease liability is recognized using the interest method. Prior to FY 2024, leases were reported as capital or operating leases in accordance with SFFAS No. 5, *Accounting for Liabilities of the Federal Government* and SFFAS No. 6, *Accounting for Property, Plant, and Equipment* (See Note 1.U—Changes in Accounting Principles).

The government's leasing arrangements are primarily as a lessee for real property which includes residential property, buildings, office space, medical facilities, and land both domestically and overseas. Some lessees have elected a transitional accommodation within SFFAS No. 62, *Transitional Amendment to SFFAS 54*, to account for embedded leases entirely as nonlease contracts for their remaining term, provided the primary purpose of the contracts are attributable to nonlease components and the contracts meet other eligibility criteria.

P. Deferred Maintenance and Repairs

DM&R are maintenance and repairs that were not performed when they should have been or scheduled maintenance and repairs that were delayed or postponed. Maintenance is the act of keeping fixed assets in acceptable condition, including preventative maintenance, normal repairs, and other activities needed to preserve the assets, so they continue to provide acceptable service and achieve their expected life. Maintenance and repairs exclude activities aimed at expanding the capacity of assets or otherwise upgrading them to serve needs different from those originally intended. DM&R are not expensed in the Statements of Net Cost or accrued as liabilities on the Balance Sheet. However, DM&R information is presented in the unaudited RSI section of this report. Please see unaudited RSI—Deferred Maintenance and Repairs for additional information including measurement methods.

Q. Commitments

Commitments reflect binding agreements that may result in the future expenditure of financial resources that are not recognized or not fully recognized on the Balance Sheet and should be disclosed. Examples of commitments include undelivered orders, P3s, international or other agreements in support of international economic development, or agreements in support of financial market stability. See Note 20—Commitments for additional information.

R. Contingencies

Liabilities for contingencies are recognized on the Balance Sheet when both:

- A past transaction or event has occurred, and
- A future outflow or other sacrifice of resources is probable and measurable.

The estimated contingent liability may be a specific amount or a range of amounts. If some amount within the range is a better estimate than any other amount within the range, then that amount is recognized. If no amount within the range is a better estimate than any other amount, then the minimum amount in the range is recognized and the range and a description of the nature of the contingency is disclosed.

A contingent liability is disclosed if any of the conditions for liability recognition do not meet the above criteria and there is at least a reasonable possibility that a loss may be incurred. See Note 21—Contingencies for additional information.

S. Funds from Dedicated Collections

Generally, funds from dedicated collections are financed by specifically identified revenues, provided to the government by non-federal sources, often supplemented by other financing sources that remain available over time. These specifically identified revenues and other financing sources are required by statute to be used for designated activities, benefits, or purposes, and must be accounted for separately from the government's general revenues. The three required criteria for a fund from dedicated collections are:

- A statute committing the government to use specifically identified revenues and/or other financing sources that are originally provided to the government by a non-federal source only for designated activities, benefits, or purposes;
- Explicit authority for the fund to retain revenues and/or other financing sources not used in the current period for future use to finance the designated activities, benefits, or purposes; and
- A requirement to account for and report on the receipt, use, and retention of the revenues and/or other financing sources that distinguishes the fund from the government's general revenues.

Funds from dedicated collections on the Statement of Operations and Changes in Net Position are presented on the consolidated basis. The consolidated dedicated collections presentation eliminates balances and transactions between funds from dedicated collections held by the entity. For additional information on funds from dedicated collections, see Note 22—Funds from Dedicated Collections.

T. Sustainability Financial Statements

The sustainability financial statements are estimates based on economic as well as demographic assumptions presented in Note 24—Long-Term Fiscal Projections and 25—Social Insurance. The sustainability financial statements are not forecasts or predictions. The sustainability financial statements are designed to illustrate the relationship between receipts and expenditures, if current policy is continued. For this purpose, the projections assume, among other things, that scheduled social insurance benefit payments would continue after related trust funds are projected to be depleted, contrary to current law, and that debt could continue to rise indefinitely without severe economic consequences.

SOSI and SCSIA are based on the selection of accounting policies and the application of significant accounting estimates, some of which require management to make significant assumptions. Further, the estimates are based on current conditions and expectations of future conditions. Actual results could differ materially from the estimated amounts. Each statement includes information to assist in understanding the effect of changes in assumptions to the related information.

By accounting convention, General Fund transfers to Medicare Parts B and D reported in the SOSI are eliminated when preparing the government-wide consolidated financial statements. The SOSI shows the projected General Fund transfer(s) as eliminations that, under current law, would be used to finance the remainder of the expenditures in excess of revenues for Medicare Parts B and D that is reported in the SOSI. The SLTFP include all revenues (including general revenues) of the federal government.

U. Changes in Accounting Principles

A change in accounting principle results from either adopting a new accounting pronouncement or an entity adopting an allowable alternative accounting principle on the basis that is preferable. Generally, as applicable, changes in accounting principles are shown as an adjustment to beginning net position in the Statement of Operations and Changes in Net Position of the period in which the change is implemented.

Adjustments to beginning net position in FY 2024 for changes in accounting principle was \$20.4 billion, mostly due to DOD's continued implementation of SFFAS No. 48, *Opening Balances for Inventory, Operating Materials and Supplies and Stockpile Materials* and SFFAS No. 50, *Establishing Opening Balances for General Property, Plant, and Equipment*.

SFFAS No. 54, *Leases* is applied prospectively. Consequently, for FY 2023, leases are presented as previously reported. Implementation of SFFAS No. 54 resulted in an adjustment to FY 2024 beginning net position amounting to \$0.7 billion. See Note 6—Property, Plant, and Equipment Net, Note 10—Other Assets, and Note 18—Other Liabilities for additional information.

Adjustments to beginning net position in FY 2023 for changes in accounting principle was (\$0.8) billion, mostly due to DOD's continued implementation of SFFAS No. 48 and SFFAS No. 50.

V. Corrections of Errors

Corrections of errors in financial statements result from mathematical mistakes, mistakes in the application of accounting principles, or oversight or misuse of facts that existed at the time financial statements were prepared. When preparing comparative financial statements, if the material error occurred in the prior period presented and the effect is known, then the affected line items of the prior period are restated. There were no material corrections of errors identified for FY 2023.

W. Changes in Presentation

Changes in presentation are done to improve clarity of the presentation of the *Financial Report* and include changes since the prior year that are not the result of corrections of errors or changes in accounting principles. In FY 2024, accrued funded payroll and leave, which was previously reported within other liabilities, is reported within the federal employee and veteran benefits payable line item on the Balance Sheet. The FY 2023 presentation was modified to conform to the FY 2024 presentation. Refer to the Reconciliation of Net Operating Cost and Budget Deficit, Balance Sheet, Note 13—Federal Employee and Veteran Benefits Payable, and Note 18—Other Liabilities.

X. Fiduciary Activities

Fiduciary activities are the collection or receipt, as well as the management, protection, accounting, investment, and disposition by the government of cash or other assets in which non-federal individuals or entities have an ownership interest that the government must uphold. Fiduciary assets are not assets of the government and are not recognized on the Balance Sheet. See Note 23—Fiduciary Activities, for additional information.

Y. Use of Estimates

The government has made certain estimates and assumptions relating to the reporting of assets, liabilities, revenues, expenses, and the disclosure of contingent liabilities to prepare these financial statements. There are a large number of factors that affect these assumptions and estimates, which are inherently subject to substantial uncertainty arising from the likelihood of future changes in general economic, regulatory, and market conditions. As such, actual results will differ from these estimates and such differences may be material.

Significant transactions subject to estimates are included in the balance of loans receivable, net, federal employee and veteran benefits payable, investments, investments in SPVs, investments in GSEs, tax receivables, receivables from resolution activities, loan guarantee, depreciation, other actuarial liabilities, cost and earned revenue allocations, as well as contingencies and any related recognized liabilities.

The government recognizes the sensitivity of credit reform modeling to slight changes in some model assumptions and uses regular review of model factors, statistical modeling, and annual reestimates to reflect the most current cost estimate of the credit programs to the U.S. government. *Federal Credit Reform Act of 1990* loan receivables and loan guarantees are disclosed in Note 4—Loans Receivable, Net and Loan Guarantees.

Estimates are also used to determine the FV of investments in SPVs and GSEs. The FV of the SPV preferred equity investments is estimated based on a discounted cash flow valuation methodology, whereby the primary input is the PV of the projected annual cash flows associated with these investments. The FV of the GSE senior preferred stock considers forecasted cash flows to equity holders and the traded prices of the other equity securities, including the GSE's common stock and junior preferred stock. The value of the GSE senior preferred stock is estimated by first estimating the FV of the total equity of each GSE (which, in addition to the GSE senior preferred stock, is comprised of other equity instruments including common stock, common stock warrants, and junior preferred stock). The FV of the GSE total equity is based on a discounted cash flow valuation methodology, whereby the primary input is the PV of the projected quarterly cash flows to equity holders. The FV of the GSEs' other equity instruments are then deducted from its total equity, with the remainder representing the FV of the GSE senior preferred stock.

Factors impacting the FV of the GSE warrants include the nominal exercise price and the large number of potential exercise shares, the market trading of the common stock that underlies the warrants as of September 30, the principal market, and the market participants. Other factors impacting the FV of the GSE warrants include, the holding period risk related directly to the assumption of the amount of time that it will take to sell the exercised shares without depressing the market. For additional information on investments in SPVs and GSEs, see Note 8—Investments and Note 7—Investments in Government-Sponsored Enterprises, respectively.

Treasury performs annual calculations, as of September 30, to assess the need for recording an estimated liability in accordance with SFFAS No. 5, *Accounting for Liabilities of The Federal Government*, and to the government's funding commitment to the GSEs under the SPSPAs. For additional information on investments in GSEs and the amended SPSPAs, see Note 7—Investments in Government-Sponsored Enterprises.

Z. Credit Risk

Credit risk is the potential, no matter how remote, for financial loss from a failure of a borrower or counterparty to perform in accordance with underlying contractual obligations. The government takes on credit risk when it makes direct loans or guarantees to non-federal entities, provides credits to foreign entities, or becomes exposed to institutions that engage in financial transactions with foreign countries. See Note 4—Loans Receivable, Net and Loan Guarantees for additional information.

The government also takes on credit risk related to committed, but undisbursed direct loans, funding commitments to GSEs, account receivables, investments in SPVs, and certain other investments. The extent of the risk assumed is described in more detail in the notes to the financial statements, and where applicable, is factored into credit reform models and reflected in FV measurements.

AA. Treaties and Other International Agreements

For financial reporting purposes, treaties and other international agreements may be understood as falling into three broad categories:

- No present or contingent obligation to provide goods, services, or financial support;
- Present obligation to provide goods, services, or financial support; or
- Contingent obligation to provide goods, services, or financial support.

The proper financial reporting of treaties and other international agreements depends on the probable future outflow or other sacrifice of resources as a result of entering into the agreement.

In many cases, treaties and other international agreements establish frameworks that govern cooperative activities with other countries, but leave to the discretion of the parties whether to engage in any such activities. In other cases, the agreements may contemplate specific cooperative activities, but create no present or contingent obligations to engage in them. Cooperative activities relevant to these treaties and other international agreements fall under the first category, which does not result in the U.S. government incurring any financial liability. Since these treaties and other international agreements have no financial impact, they are not reported or disclosed in this *Financial Report*.

Some treaties and other international agreements fall under the second category, and involve a present obligation, and therefore result in liability recognition. Such present obligation may relate to the U.S. government providing financial and in-kind support, including assessed contributions, voluntary contributions, grants, and other assistance to international organizations in which it participates as a member. Examples of such agreements include those that establish international organizations under which the U.S. government undertakes obligations to pay assessed dues to the organization; grant agreements under which the U.S. government provides foreign assistance funds to other countries; and claims settlement agreements under which the U.S. government agrees to pay specific sums of money to settle claims.

The last category encompasses those treaties or other international agreements which result in contingencies that may require recognition or disclosure in the financial statements. Such contingencies may stem from commitments in a treaty or other international agreement to provide goods, services, or financial support when a future event occurs, or from litigation, claims, or assessments forged by other parties to the agreement. For additional information related to treaties and other international agreements that fall under the last category, refer to Note 21—Contingencies.

AB. Public-Private Partnerships

SFFAS No. 49, *Public-Private Partnerships* establishes principles to ensure that disclosures about applicable P3s are presented in the government's notes to the financial statements. The principles guide entity financial reporting disclosure by establishing a P3 definition and identifying risk-based characteristics that need to exist before considering the P3 arrangement or transaction for disclosure. The standard exempts certain arrangements or transactions from the P3 disclosure requirements, as such exempt arrangements or transactions are subject to existing disclosure requirements in other accounting standards. The P3s that are deemed material to the consolidated financial statements and have met the criteria of SFFAS No. 49 are disclosed. See Note 28—Public-Private Partnerships for additional information.

Note 2. Cash and Other Monetary Assets

Cash and Other Monetary Assets as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Unrestricted cash:		
Cash held by Treasury for government-wide operations	870.8	638.9
Other	5.2	5.9
Restricted	71.3	56.3
Total cash	947.3	701.1
International monetary assets	203.0	195.5
Gold and silver	11.1	11.1
Foreign currency	16.3	14.5
Total cash and other monetary assets	<u>1,177.7</u>	<u>922.2</u>

Unrestricted cash includes cash held by Treasury for government-wide operations (operating cash) and all other unrestricted cash held by the federal entities. Operating cash represents balances from tax collections, federal debt receipts, and other various receipts net of cash outflows for federal debt repayments and other payments. Treasury checks outstanding are netted against operating cash until they are cleared by the FR System. Other unrestricted cash not included in Treasury's operating cash balance includes balances representing cash, cash equivalents, and other funds held by entities, such as undeposited collections, deposits in transit, demand deposits, amounts held in trust, and imprest funds. The \$231.2 billion increase in unrestricted cash for FY 2024 is primarily the result of increases in operating cash to meet expected cash needs.

Restrictions on cash are due to the imposition on cash deposits by law, regulation, or agreement. Restricted cash is primarily composed of cash held by the SAA, which executes Foreign Military Sales. The SAA included \$61.7 billion and \$46.1 billion as of September 30, 2024, and 2023, respectively.

International monetary assets include the U.S. reserve position in the IMF and additional U.S. holdings of SDR. The U.S. reserve position in the IMF (denominated in SDRs) had a U.S. dollar equivalent of \$28.7 billion and \$32.0 billion as of September 30, 2024, and 2023, respectively. Only a portion of the U.S. financial subscription to the IMF is made in the form of reserve assets; the remainder is provided in the form of a letter of credit. The balance available under the letter of credit totaled \$83.4 billion and \$76.6 billion as of September 30, 2024, and 2023, respectively. The total amount of SDR holdings of the U.S. (in addition to the reserve position discussed above) resulting from additional IMF allocations and purchases was the equivalent of \$174.0 billion and \$163.2 billion as of September 30, 2024, and 2023, respectively. For more information regarding the U.S. participation in the IMF and SDR, see Treasury's financial statements and Note 27—Disclosure Entities and Related Parties.

The gold reserves that are held by the government are partially offset by a liability for gold certificates issued by the Treasury to the FRBs at the statutory rate. As of September 30, 2024, and 2023, gold totaling \$11.0 billion per statutory carrying value was pledged as collateral for gold certificates also valued at \$11.0 billion. All the gold certificates issued are payable to the FRBs, and a small portion of gold is in the custody of the FRBs. Additionally, the U.S. Mint holds 100,000 FTOs of gold without certificates. The amount for gold and silver listed in the above table is based on the statutory values which are \$42.2222 per FTO of gold and \$1.2929 per FTO of silver. As of September 30, 2024, and 2023, the number of FTOs of gold and silver held is 261,498,927.0 and 16,000,000.0, respectively. While gold and silver are valued on the Balance Sheet using statutory rates, the market value of gold on the London Fixing was \$2,629.95 and \$1,870.50 per FTO as of September 30, 2024, and 2023, respectively and the market value of silver was \$31.08 and \$23.08 per FTO as of September 30, 2024, and 2023, respectively. Please refer to the financial statements of Treasury for additional information regarding gold reserves and Treasury's liability for gold.

The foreign currency is maintained by Treasury's Exchange Stabilization Fund and various U.S. federal entities as well as foreign banks. Foreign currency is translated into U.S. dollars at the exchange rate at fiscal year-end.

Note 3. Accounts Receivable, Net

Accounts Receivable, net as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Taxes receivable:		
Taxes receivable, gross	404.2	419.4
Allowance for uncollectible amounts	(257.2)	(228.7)
Taxes receivable, net	147.0	190.7
Other accounts receivable:		
Other accounts receivable, gross	227.2	234.6
Allowance for uncollectible amounts	(95.5)	(105.4)
Other accounts receivable, net	131.7	129.2
Total accounts receivable, net	278.7	319.9

Taxes receivable is listed first above due to being the significant portion of total accounts receivable, and the rest are referred to as other accounts receivable. Other accounts receivable, gross includes related interest receivable of \$5.4 billion and \$4.2 billion as of September 30, 2024, and 2023, respectively.

Treasury comprises approximately 50.8 percent of the government's reported accounts receivable, net, as of September 30, 2024. Treasury accounts for nearly all the reported taxes receivable, which consist of receivables (taxes and associated penalties and interest) supported by a taxpayer agreement, and unpaid taxes related to IRC section 965. Examples of receivables supported by a taxpayer agreement are the filing of a tax return without sufficient payment or a court ruling in favor of the IRS. Section 965(h) of the IRC requires taxpayers who are shareholders of certain specified foreign corporations to pay a transition tax on foreign earnings as if those earnings had been repatriated to the U.S. IRC 965(h) allows taxpayers to elect to pay their tax on an eight-year installment schedule. The \$43.7 billion year over year decrease is primarily due to the reduction in IRC 965(h). Additionally, the \$28.5 billion increase in allowance for uncollectible amounts was largely due to an increase in delinquent taxes receivable inventory of \$34.0 billion.

Pursuant to Section 13(c)(4)(G) of the *Federal Deposit Insurance Act*, on March 12, 2023, the Secretary of the Treasury invoked the statutory systemic risk exception to allow the FDIC to complete its resolution of both Silicon Valley Bank, Santa Clara, California, and Signature Bank, New York, New York, in a manner that protects uninsured depositors. Accordingly, the FDIC imposed a special assessment on all insured depository institutions to recover the loss to the DIF arising from the protection of uninsured depositors. The special assessment receivable amounts were \$14.7 billion and \$16.3 billion, as of September 30, 2024, and 2023, respectively.

Treasury, HHS, FDIC, DOD, DOL, SSA, DHS, and DOI are the main contributors to the government's reported accounts receivable, net as of September 30, 2024. Refer to each entity's financial statements for additional information.

Note 4. Loans Receivable, Net and Loan Guarantees

Loans Receivable, net as of September 30, 2024

(In billions of dollars)	Loans Receivable, Gross	Interest Receivable	Foreclosed Property	Subsidy Cost Allowance	Loans Receivable, Net	Subsidy Expense (Income) for the Fiscal Year
Federal Direct Student Loans - Education	1,368.9	104.4	-	(432.0)	1,041.3	60.7
Disaster Assistance Loans - SBA	287.0	10.1	-	(40.9)	256.2	(1.5)
FDIC (acting in its capacity as Receiver)	94.5	1.0	-	-	95.5	-
Federal Housing Admin Loans - HUD	69.0	30.6	0.7	(21.6)	78.7	-
Electric Loans - USDA	58.8	-	-	1.3	60.1	(1.0)
Federal Family Education Loans - Education	73.6	23.5	-	(60.3)	36.8	(0.9)
All other programs	197.8	4.0	0.6	(20.0)	182.4	1.2
Total loans receivable	<u>2,149.6</u>	<u>173.6</u>	<u>1.3</u>	<u>(573.5)</u>	<u>1,751.0</u>	<u>58.5</u>

Loans Receivable, net as of September 30, 2023

(In billions of dollars)	Loans Receivable, Gross	Interest Receivable	Foreclosed Property	Subsidy Cost Allowance	Loans Receivable, Net	Subsidy Expense (Income) for the Fiscal Year
Federal Direct Student Loans - Education	1,336.2	83.4	-	(388.7)	1,030.9	(116.5)
Disaster Assistance Loans - SBA	311.3	13.3	-	(53.9)	270.7	34.4
Federal Housing Admin Loans - HUD	61.8	25.8	0.7	(17.6)	70.7	(0.1)
Electric Loans - USDA	56.5	0.2	-	0.7	57.4	(1.3)
FDIC (acting in its capacity as Receiver)	50.0	0.1	-	-	50.1	-
Federal Family Education Loans - Education	79.0	20.9	-	(60.5)	39.4	2.3
All other programs	190.1	4.2	0.8	(19.2)	175.9	2.0
Total loans receivable	<u>2,084.9</u>	<u>147.9</u>	<u>1.5</u>	<u>(539.2)</u>	<u>1,695.1</u>	<u>(79.2)</u>

Loans Receivable

Loans receivable consists primarily of direct loans disbursed by the government, receivables related to guaranteed loans that have defaulted, and certain receivables for guaranteed loans that the government has purchased from lenders. Direct loans are used to promote the nation's welfare by making financing available to segments of the population not served adequately by non-federal institutions, or otherwise providing for certain activities or investments. For those unable to afford credit at the market rate, federal credit programs provide subsidies in the form of direct loans offered at an interest rate lower than the market rate.

The amount of the long-term cost of post-1991 direct loans equals the subsidy cost allowance for direct loans as of September 30. The amount of the long-term cost of pre-1992 direct loans equals the allowance for subsidy amounts (or PV allowance) for direct loans. The long-term cost is based on all direct loans disbursed in this fiscal year and previous years that are outstanding as of September 30. It includes the subsidy cost of these direct loans estimated as of the time of loan disbursement and subsequent adjustments such as modifications, reestimates, amortizations, and write-offs.

Loans receivable, net includes related interest and foreclosed property. Foreclosed property is property that is transferred from borrowers to a federal credit program, through foreclosure or other means, in partial or full settlement of post-1991 direct loans or as compensation for losses that the government sustained under post-1991 loan guarantees. Please refer to the financial statements of HUD, USDA, and VA for additional information regarding foreclosed property.

The total subsidy expense/(income) is the cost recognized during the fiscal year. It consists of the subsidy expense/(income) incurred for direct loans disbursed during the fiscal year, for modifications made during the fiscal year of direct loans outstanding, and for upward or downward reestimates as of the end of the fiscal year. This expense/(income) is included in the Statements of Net Cost.

The majority of loans receivable balances are provided by Education, SBA, FDIC, HUD, and USDA. For additional information regarding the programs listed in the tables above, please refer to the financial statements of the entities.

Education has loan programs that are authorized by Title IV of the *Higher Education Act of 1965*. The William D. Ford Federal Direct Loan Program (referred to as the Direct Loan Program), was established in FY 1994 and offers four types of educational loans: Stafford, Unsubsidized Stafford, Parent Loan for Undergraduate Students, and consolidation loans. With this program, the government makes loans directly to students and parents through participating institutions of higher education. Education disbursed approximately \$147.7 billion in direct loans to eligible borrowers in FY 2024 and approximately \$122.3 billion in FY 2023. In FY 2024, the allowance for subsidy increased by \$43.3 billion due to the recognition of subsidy costs for direct loans. The increase in interest receivable in FY 2024 was primarily due to the end of temporary relief actions that set borrower interest rates to zero percent for most of FY 2023. The increase in subsidy costs in FY 2024 was due largely to a significant increase in subsidy expenses for Education's student loan programs, because of the reduction in FY 2023 subsidy expense resulting from the reversal of the proposed student loan debt relief as a result of the Supreme Court's ruling in *Biden v Nebraska*.

The SBA makes loans to microloan intermediaries and provides a direct loan program that assists homeowners, renters and businesses recover from disasters. SBA's Disaster Assistance Loan Program makes direct loans to disaster survivors under four categories: physical disaster loans to repair or replace damaged homes and personal property; physical disaster loans to businesses of any size; EIDLs to eligible small business and nonprofit organizations without credit available elsewhere; and economic injury loans to eligible small businesses affected by essential employees called up to active duty in the military reserves. The decrease of \$35.9 billion in subsidy expense for Disaster Assistance Loans was due to a net downward reestimates in FY 2024 compared to an upward reestimates in FY 2023.

In FY 2023 and 2024, Treasury purchased notes guaranteed by the FDIC in its corporate capacity as a deposit insurer and regulator totaling \$93.3 billion from trusts related to the resolutions of First Republic Bank and Silicon Valley Bridge Bank. FDIC, as Receiver, established trusts and used structured transactions to sell certain receivership assets to the trusts. The assets sold were: 1) a \$50 billion PMN issued by JP Morgan Chase Bank N.A. in connection with the acquisition of certain assets and liabilities of First Republic Bank; 2) a \$36.1 billion PMN issued by First-Citizens Bank & Trust Company in connection with the acquisition of certain assets and liabilities of Silicon Valley Bridge Bank; and 3) \$10.5 billion of Ginnie Mae Project Loan Securities held by the Silicon Valley Bridge Bank Receivership. The two PMNs and the Ginnie Mae Project Loan Securities are collateralized by pools of loans. Cash flows from assets held by trusts will be used to repay the principal and interest due on the Treasury-purchased notes. The Treasury-purchased notes are recorded at cost (including capitalized interest of \$1.2 billion as of September 30, 2024) and considered by Treasury to be fully collectable based on the following factors: 1) over-collateralization of the Treasury-purchased notes; 2) full recourse obligations of First-Citizens Bank and Trust Company and JP Morgan Chase Bank N.A. to pay interest and principal on the PMNs through maturity; and 3) funded reserve accounts for the PMN to cover interest shortfalls. In FY 2024, \$43.3 billion related to the Silicon Valley Bridge Bank, was transferred to the DIF. Of that amount, \$1.8 billion was disbursed (outlaid) for an interest reserve to pay

any interest shortfalls (the difference between the coupon rate collected on the PMN and the anticipated coupon rate on the notes). See Note 10—Other Assets for additional information regarding the remaining \$41.5 billion.

HUD's loans receivable balance largely comprises defaulted single-family mortgages and reverse mortgages that were insured by FHA. In addition, HUD finances mortgages and provides loans to support construction and rehabilitation of low-rent housing, principally for the elderly and disabled.

USDA's Rural Development offers direct loans with unique missions to bring prosperity and opportunity to rural areas. The Rural Housing programs provide affordable, safe, and sanitary housing and essential community facilities to rural communities. Rural Utility programs help improve the quality of life in rural areas through a variety of loan programs for electric energy, telecommunications, and water and environmental projects.

Loan Guarantees as of September 30, 2024, and 2023

(In billions of dollars)	Loan Guarantees Asset/(Liability)		Principal Amount of Loans Under Guarantee		Principal Amount Guaranteed by the U.S.		Subsidy Expense/(Income) for the Fiscal Year	
	2024	2023	2024	2023	2024	2023	2024	2023
Federal Housing Administration Loans - HUD	50.4	32.6	1,823.8	1,669.1	1,610.4	1,481.3	(26.7)	(2.2)
Federal Family Education Loans - Education	(9.7)	(10.9)	62.6	80.6	62.6	80.6	5.5	5.3
Veterans Housing Benefit Programs - VA	(7.3)	(9.1)	1,040.8	994.7	261.6	250.1	(2.7)	(4.5)
All other guaranteed loan programs	(5.5)	(8.0)	351.9	354.5	307.7	312.6	(0.6)	(2.7)
Total loan guarantees	<u>27.9</u>	<u>4.6</u>	<u>3,279.1</u>	<u>3,098.9</u>	<u>2,242.3</u>	<u>2,124.6</u>	<u>(24.5)</u>	<u>(4.1)</u>

Loan Guarantees

Loan guarantee programs are also used to promote the nation's welfare by making financing available to segments of the population not served adequately by non-federal institutions, or otherwise providing for certain activities or investments. For those to whom non-federal financial institutions are reluctant to grant credit because of the high risk involved, the government guarantees the payment of these non-federal loans and absorb the cost of defaults.

Loan guarantees outstanding as of September 30 are valued at the PV of the cash outflows (e.g., claim payments) less the PV of the related inflows (e.g., recoveries, fees). Generally, loan guarantees are recorded as a liability except when cash inflows are expected to exceed cash outflows on a PV basis. This results in a loan guarantee that is reported as an asset on the Balance Sheet.

The total subsidy expense/(income) is the cost of loan guarantees recognized during the fiscal year. It consists of the subsidy expense/(income) incurred for guaranteed loans disbursed during the fiscal year, for modifications made during the fiscal year of loan guarantees outstanding, and for upward or downward reestimates as of the end of the fiscal year of the cost of loan guarantees outstanding. This expense/(income) is included in the Statements of Net Cost.

The majority of the loan guarantee programs are provided by HUD, Education, and VA. For additional information regarding the guaranteed loan programs listed in the tables above, please refer to the financial statements of the entities.

HUD's Office of Housing promotes equal housing opportunities. It includes FHA who provides mortgage insurance on mortgages for single family mortgage loans made by FHA-approved lenders as well as providing mortgage insurance on multifamily rental housing, healthcare facilities and single-family Title I manufactured housing and property improvement loans. FHA strives to meet the needs of many first-time and minority homebuyers who, without the FHA guarantee, may find mortgage credit to be unaffordable or simply unavailable. These programs are a critical component of FHA's efforts to meet the nation's need for decent, safe, and affordable housing. FHA's loan guarantee subsidy income increased by \$24.6 billion in FY 2024 primarily due to downward reestimates for the MMI/CMHI Single-Family program as well as the GI/SRI Multifamily program.

Education has loan programs that are authorized by Title IV of the *Higher Education Act of 1965*. The FFEL Program was established in FY 1965 and operates through state and private, nonprofit guaranty agencies that provided loan guarantees on loans made by private lenders to eligible students. The *Student Aid and Fiscal Responsibility Act*, which was enacted as

part of the *Health Care Education and Reconciliation Act of 2010* (P.L. 111-152), eliminated the authority to guarantee new FFEL after June 30, 2010.

VA operates the following loan guarantee programs: Housing Guaranteed Loans and Loan Sale Guarantees. The Home Loans program provides loan guarantees to veterans, service members, qualifying dependents, and limited non-veterans to purchase homes and retain homeownership with favorable market terms.

Note 5. Inventory and Related Property, Net

Inventory and Related Property, net as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Operating materials and supplies	242.7	229.9
Less: operating materials and supplies - allowance for loss	(2.1)	(2.3)
Operating materials and supplies, net	240.6	227.6
Inventory	139.3	131.5
Less: inventory - allowance for loss	(1.2)	(8.3)
Inventory, net	138.1	123.2
Stockpile materials, net	65.9	70.5
Other related property, net	2.7	1.7
Total inventory and related property, net	447.3	423.0

Inventory and related property, net includes OM&S, inventory, stockpile materials, and other related property. DOD comprises approximately 82.4 percent of the government's inventory and related property, net as of September 30, 2024.

OM&S consists of tangible personal property to be consumed in normal operations (e.g., spare and repair parts, ammunition, tactical missiles, aircraft configuration pods, and centrally managed aircraft engines held for consumption). As of September 30, 2024 and 2023, OM&S, gross totaled \$242.7 and \$229.9 billion, respectively. For FY 2024 and 2023, OM&S consisted primarily of OM&S held for use in the amounts of \$179.8 billion and \$168.0 billion, respectively.

Inventory is tangible personal property that is either held for sale, in the process of production for sale, or to be consumed in the production of goods for sale or in the provision of services for a fee. Examples of inventory include raw materials, finished goods, spare and repair parts, clothing and textiles, and fuels. As of September 30, 2024, inventory, gross, totaled \$139.3 billion which consists primarily of inventory held for current sale and held for repair in the amounts of \$79.9 billion and \$50.1 billion, respectively. As of September 30, 2023, inventory, gross totaled \$131.5 billion and consisted primarily of inventory held for current sale and held for repair in the amounts of \$77.7 billion and \$46.8 billion, respectively.

Stockpile materials are strategic and critical materials held due to statutory requirements for use in national defense, conservation, or local/national emergencies. Stockpile materials are not held with the intent of selling in the ordinary course of business and are restricted unless released by congressional action. Once authorized, the materials (e.g., ores, metals, alloys, and medical supplies) are reclassified to held for sale. As of September 30, 2024 and 2023, stockpile materials and supplies, net totaled \$65.9 billion and \$70.5 billion, respectively. For FY 2024 and 2023, stockpile materials and supplies consisted primarily of stockpile materials and supplies held in reserve for future use in the amounts of \$65.1 billion and \$69.5 billion, respectively.

Other related property includes: 1) forfeited property that consists of monetary instruments, intangible property, real property, and tangible personal property; 2) goods acquired under price support stabilization programs which are also referred to as commodities; and 3) seized property which includes monetary instruments, real property, and tangible personal property in an actual or constructive possession of a custodial entity.

Additional information concerning inventory and related property can be obtained from the financial statements of DOD and DOE.

Note 6. Property, Plant, and Equipment, Net

Property, Plant, and Equipment, net as of September 30, 2024, and 2023

(In billions of dollars)	Accumulated Depreciation/ Amortization			Accumulated Depreciation/ Amortization		
	Cost	Amortization	Net	Cost	Amortization	Net
	2024			2023		
Furniture, fixtures, and equipment	1,454.4	895.9	558.5	1,457.6	891.3	566.3
Construction in progress	333.8	N/A	333.8	297.8	N/A	297.8
Buildings, structures, and facilities	804.4	488.0	316.4	754.0	448.7	305.3
Right-to-use lease assets	43.8	5.1	38.7	-	-	-
Internal use software	75.0	47.7	27.3	69.3	43.3	26.0
Land	23.2	N/A	23.2	22.9	N/A	22.9
Other property, plant, and equipment	36.0	20.9	15.1	36.5	19.8	16.7
Total property, plant, and equipment, net	2,770.6	1,457.6	1,313.0	2,638.1	1,403.1	1,235.0

Note: "N/A" indicates not applicable.

PP&E consists predominantly of tangible assets, including land. Internal use software, land rights, assets acquired through financing leases, and leasehold improvements are also included. Beginning in FY 2024, SFFAS No. 54, *Leases* required the recognition of RTU lease assets. For additional information relating to leases, see Note 18—Other Liabilities.

DOD comprises approximately 64.7 percent of the government's total reported PP&E, net as of September 30, 2024. DOD continues to implement SFFAS No. 50, *Establishing Opening Balances for General Property, Plant, and Equipment* which permits alternative methods in establishing opening balances for PP&E and has elected to exclude land and land rights. The total acreage excluded was 22.8 million and 23.5 million as of September 30, 2024, and 2023, respectively. Differences year over year are due to DOD understating and overstating different categories of PP&E. Adjustments were made to asset balances that were incorrectly recorded in legacy systems, assets effected by accounting system migrations, assets placed into service and not expensed, and assets revalued and deemed closed, but were double counted due to incorrect posting logic.

Additional information concerning PP&E can be obtained from the financial statements of DOD, DOE, GSA, TVA, VA, DHS, State, and DOI. Certain PP&E are multi-use heritage assets, see Note 26—Stewardship Property, Plant, and Equipment for additional information on multi-use heritage assets. Refer to DM&R and Land and Permanent Land Rights located in the unaudited RSI for information concerning the estimated maintenance and repair costs related to PP&E and the federal estimated acreage by predominant use.

Note 7. Investments in Government-Sponsored Enterprises

Investments in GSEs as of September 30, 2024

(In billions of dollars)	Gross Investments	Cumulative Valuation Gain/(Loss)	Fair Value
Fannie Mae senior preferred stock	207.8	(43.7)	164.1
Freddie Mac senior preferred stock	125.7	8.1	133.8
Fannie Mae and Freddie Mac warrants common stock	5.4	2.5	7.9
Total investments in GSEs	<u>338.9</u>	<u>(33.1)</u>	<u>305.8</u>

Investments in GSEs as of September 30, 2023

(In billions of dollars)	Gross Investments	Cumulative Valuation Gain/(Loss)	Fair Value
Fannie Mae senior preferred stock	190.4	(55.9)	134.5
Freddie Mac senior preferred stock	114.4	(12.7)	101.7
Fannie Mae and Freddie Mac warrants common stock	5.4	(1.2)	4.2
Total investments in GSEs	<u>310.2</u>	<u>(69.8)</u>	<u>240.4</u>

Congress established Fannie Mae and Freddie Mac as GSEs to provide stability and increase liquidity in the secondary mortgage market and to promote access to mortgage credit throughout the nation. A key function of the GSEs is to purchase mortgages, package those mortgages into securities, which are subsequently sold to investors, and guarantee the timely payment of principal and interest on these securities.

Congress passed the *Housing and Economic Recovery Act of 2008* (P.L. 110-289) in July 2008 in response to the financial crisis that year and the increasingly difficult conditions in the housing market which challenged the soundness and profitability of the GSEs and thereby threatened to undermine the entire housing market. This Act created FHFA, with enhanced regulatory authority over the GSEs, and provided the Secretary of the Treasury with certain authorities intended to ensure the financial stability of the GSEs, if necessary. In September 2008, FHFA placed the GSEs under conservatorship and Treasury invested in the GSEs by entering into a SPSPA with each GSE. These actions were taken to preserve the GSEs' assets, ensure a sound and solvent financial condition, and mitigate systemic risks that contributed to market instability.

The purpose of such actions is to maintain the solvency of the GSEs so they can continue to fulfill their vital roles in the mortgage market while the Administration and Congress determine what structural changes should be made to the housing finance system. Draws under the SPSPAs would result in an increased investment in the GSEs as further discussed below. Under SFFAS No. 47, *Reporting Entity* criteria, Fannie Mae and Freddie Mac were owned or controlled by the government only as a result of: a) regulatory actions (such as organizations in receivership or conservatorship); or b) other government intervention actions. Under the regulatory or other intervention actions, the relationship with the government was and is not expected to be permanent. These entities are classified as disclosure entities based on their characteristics as a whole. Accordingly, these entities are not consolidated into the government's consolidated financial statements; however, the value of the investments in these entities, changes in value, and related activity with these entities are included in the government's

consolidated financial statements. The net change in valuations of the GSEs include both liquidation preference adjustments and changes in FV, both of which are discussed below and are included on the Statement of Net Cost (as earned revenue).

Senior Preferred Stock Purchase Agreements

In return for committing to maintain the GSEs' solvency by making a quarterly advance of funds to each GSE in an amount equal to any excess of the GSEs' total liabilities over its total assets as of the end of the previous quarter, Treasury initially received from each GSE: 1) 1,000,000 shares of non-voting variable liquidation preference senior preferred stock with a liquidation preference value of \$1,000 per share; and 2) a non-transferable warrant for the purchase, at a nominal cost, of 79.9 percent of common stock on a fully-diluted basis. The warrants expire on September 7, 2028. Treasury was entitled to distributions on the senior preferred stock equal to 10.0 percent per annum fixed rate dividend on the total liquidation preference (as discussed below). This dividend structure was changed in the third amendment in August 2012 to a variable equivalent to the GSEs' positive net worth above a capital reserve amount. The capital reserve amount was initially set at \$3.0 billion for calendar year 2013 and, upon nearing its scheduled decline to zero, was reset at \$3.0 billion in calendar year 2017. On September 27, 2019, Treasury and FHFA amended the SPSPAs to increase the capital reserve amounts of Fannie Mae and Freddie Mac to \$25.0 billion and \$20.0 billion, respectively. In exchange, Treasury's liquidation preference in each GSE was scheduled to gradually increase quarterly up to the adjusted capital reserve amounts based on the quarterly earnings of each GSE.

On January 14, 2021, Treasury and FHFA further amended the SPSPAs to replace the prior variable dividend with an alternative compensation plan for Treasury that permits the GSEs to continue their recapitalization efforts, as prescribed by the GSE capital framework finalized by FHFA in 2020. Under the amended SPSPAs, each GSE is permitted to retain capital until the GSE has achieved its regulatory minimum capital requirement, including buffers (i.e., the capital reserve end date), at which point its cash dividend obligations will resume along with the obligation to pay a periodic commitment fee. As compensation to Treasury for the replacement of the variable dividend, the liquidation preference of Treasury's senior preferred stock in each GSE will increase quarterly by the amount of retained capital until each GSE has achieved its capital reserve end date.

Additionally, the January 14, 2021 amendment, among other things, imposed restrictions on certain GSE business activities, including purchases of loans backed by investment properties, second homes, and multifamily properties, and on purchases of loans with multiple high-risk characteristics or for cash consideration. On September 14, 2021, Treasury and FHFA agreed to suspend certain business activity restrictions added to the SPSPAs by the January 14, 2021 amendment while FHFA undertakes a review of the extent to which these requirements are redundant or inconsistent with existing FHFA standards, policies, and directives. The suspension will terminate six months after Treasury notifies the GSEs. As of September 30, 2024, Treasury has not provided notice to GSEs to terminate the suspension.

For the fiscal year ended September 30, 2024, Treasury's liquidation preference in Fannie Mae and Freddie Mac increased by \$17.4 billion and \$11.3 billion, respectively. For the fiscal year ended September 30, 2023, Treasury's liquidation preference in Fannie Mae and Freddie Mac increased by \$12.6 billion and \$7.9 billion, respectively. The GSEs will not pay a quarterly dividend until after the capital reserve end date. Treasury received no cash dividends for the fiscal years ended September 30, 2024, and 2023, as the GSEs had not achieved their capital reserve end date as of September 30, 2024, and their positive net worth was below the permitted capital reserve amounts as of September 30, 2024.

The SPSPAs, which have no expiration date, require that Treasury will disburse funds to either GSE if, at the end of any quarter, the FHFA determines that the liabilities of either GSE exceed its assets. Draws from Treasury under the SPSPAs are designed to ensure that the GSEs maintain positive net worth, with a fixed maximum amount available to each GSE under this agreement established as of December 31, 2012 (refer to the "Contingent Liability to GSEs" section below and Note 21—Contingencies). Draws against the funding commitment of the SPSPAs do not result in the issuance of additional shares of senior preferred stock; instead, they increase the liquidation preference of the initial 1,000,000 shares by the amount of the draw. The combined cumulative liquidation preference totaled \$334.0 billion and \$305.0 billion as of September 30, 2024, and 2023, respectively. There were no payments to the GSEs for the fiscal years ended September 30, 2024, and 2023.

Senior Preferred Stock and Warrants for Common Stock

In determining the FV of the senior preferred stock and warrants for common stock, Treasury relied on the GSEs' public filings and press releases concerning their financial statements, as well as non-public, long-term financial forecasts, monthly summaries, quarterly credit supplements, independent research regarding preferred stock trading, independent research regarding the GSEs' common stock trading on the Over-The-Counter Market, discussions with each of the GSEs and FHFA, and other information pertinent to the valuations. Because the senior preferred stock is not publicly traded, there is no comparable trading information available. The fair valuation of the senior preferred stock relies on significant Level 3 unobservable inputs that reflect assumptions about the expectations that market participants would use in pricing.

The FV of the senior preferred stock considers forecasted cash flows to equity holders and the traded prices of the other equity securities, including the GSEs' common stock and junior preferred stock. The FV of the senior preferred stock-as measured by unobservable and observable inputs-increased as of September 30, 2024, when compared to September 30, 2023. The increase in the GSEs' senior preferred stock is primarily driven by a decreased discount rate, higher projected cash flows, and a decrease in credit-related expenses.

Factors impacting the FV of the warrants include the nominal exercise price and the large number of potential exercise shares, the market prices and trading volumes of the underlying common stock as of September 30, the principal market, and the market participants. Other factors impacting the FV include, among other things, the holding period risk related directly to the assumption of the amount of time that it will take to sell the exercised shares without depressing the market. The FV of the warrants-as measured by observable inputs-increased at the end of FY 2024, when compared to FY 2023, primarily due to increases in the Level 1 FV measurement of the market price of the underlying common stock of each GSE.

Estimation Factors

Treasury's forecasts concerning the GSEs may differ from actual experience. Estimated senior preferred values and future draw amounts will depend on numerous factors that are difficult to predict including, but not limited to, changes in government policy with respect to the GSEs, the business cycle, inflation, home prices, unemployment rates, interest rates, changes in housing preferences, home financing alternatives, availability of debt financing, market rates of guarantee fees, outcomes of loan refinancings and modifications, new housing programs, and other applicable factors.

Contingent Liability to GSEs

As part of the annual process undertaken by Treasury, a series of long-term financial forecasts are prepared to assess, as of September 30, the likelihood and magnitude of future draws to be required by the GSEs under the SPSPAs within the forecast time horizon. Treasury used 25-year financial forecasts prepared through years 2049 and 2048 in assessing if a contingent liability was required as of September 30, 2024, and 2023, respectively. If future payments under the SPSPAs are deemed to be probable within the forecast horizon, and Treasury can reasonably estimate such payment, Treasury will accrue a contingent liability to the GSEs to reflect the forecasted equity deficits of the GSEs. Treasury does not discount this accrued contingent liability, nor take into account any of the offsetting dividends that could be received, as the dividends, if any, would be owed directly to the General Fund. Treasury will adjust such recorded accruals in subsequent years as new information develops or circumstances change.

Based on Treasury's annual assessment, there were no probable future funding draws as of September 30, 2024, and 2023, and thereby no accrued contingent liability. However, as of September 30, 2024, it is reasonably possible that a period of sustained economic and housing market volatility could potentially cause the GSEs to generate quarterly losses of sufficient magnitude to result in future funding draws against the funding commitment. Due to challenges quantifying future market volatility or the timing, magnitude, and likelihood of such events, Treasury could not estimate the total amount of this reasonably possible future funding liability as of September 30, 2024, and 2023. There were no payments to the GSEs for fiscal years ended September 30, 2024, and 2023. At September 30, 2024, and 2023, the maximum remaining contractual commitment to the GSEs for the remaining life of the SPSPAs was \$254.1 billion. Subsequent funding draws will reduce the remaining commitments. Refer to Note 20—Commitments for a full description of other commitments and risks.

In assessing the need for an estimated contingent liability, Treasury relied on the GSEs' public filings and press releases, including their financial statements, monthly business summaries, and quarterly credit supplements, as well as non-public, long-term financial forecasts, the FHFA House Price Index, discussions with each of the GSEs and FHFA, and other information pertinent to the liability estimates. The forecasts prepared in assessing the need for an estimated contingent liability as of September 30, 2024 and 2023, include two potential scenarios, with varying assumptions regarding the continuation of the GSEs' new business activities, including purchasing mortgage loans and issuing new guaranteed MBS. The forecasts as of September 30, 2024 and 2023, also assumed the maintenance of the GSEs' retained mortgage portfolios below the maximum permitted under the amended SPSPAs.

Regulatory Environment

To date, Congress has not passed legislation nor has FHFA taken action to end the GSEs' conservatorships. The GSEs continue to operate under the direction of FHFA as conservator.

The *Temporary Payroll Tax Cut Continuation Act of 2011* (P.L. 112-78) was funded by an increase of ten basis points in the GSEs' guarantee fees (referred to as "the incremental fees") which began in April 2012 and extended by the *Infrastructure Investment and Jobs Act of 2021* (P.L. 117-58) through September 30, 2032. The incremental fees are remitted to Treasury and not retained by the GSEs and, thus, do not affect the profitability of the GSEs. For fiscal years ended 2024 and 2023, the GSEs remitted to Treasury incremental fees totaling \$6.3 billion and \$6.2 billion, respectively.

Note 8. Investments

Investments as of September 30, 2024					
(In billions of dollars)	Level 1	Level 2	Level 3	Other	Total
Pension Benefit Guaranty Corporation:					
Equity securities	4.4	0.3	-	11.9	16.6
Corporate bonds and other	-	16.2	-	-	16.2
Asset backed/mortgage-backed securities	-	11.6	-	-	11.6
International fixed maturity securities	-	8.2	-	-	8.2
Securities lending collateral	-	7.4	-	-	7.4
Other securities	1.5	1.2	0.2	5.5	8.4
Total Pension Benefit Guaranty Corporation	5.9	44.9	0.2	17.4	68.4
National Railroad Retirement Investment Trust:					
U.S. equity	7.6	-	-	-	7.6
Non-U.S. equity	5.7	-	-	-	5.7
Global fixed income	0.2	3.2	-	0.6	4.0
Private equity	-	-	-	3.8	3.8
Global real assets	0.3	-	-	2.6	2.9
Other securities	-	-	-	1.5	1.5
Total National Railroad Retirement Investment Trust	13.8	3.2	-	8.5	25.5
Tennessee Valley Authority:					
Private equity, real assets, and credit measured at net asset value	-	-	-	5.2	5.2
Debt and equity securities	1.4	1.5	-	-	2.9
Commingled funds measured at net asset value	-	-	-	2.8	2.8
Other securities	0.5	1.3	0.1	0.5	2.4
Total Tennessee Valley Authority	1.9	2.8	0.1	8.5	13.3
Department of the Treasury	3.1	-	8.9	-	12.0
Department of Defense	-	-	-	9.6	9.6
All other	0.5	-	0.1	3.0	3.6
Total investments	25.2	50.9	9.3	47.0	132.4

Investments as of September 30, 2023						
(In billions of dollars)	Level 1	Level 2	Level 3	Other	Total	
Pension Benefit Guaranty Corporation:						
Corporate bonds and other	-	17.2	-	-	17.2	
Equity securities	3.5	0.1	-	9.8	13.4	
Asset backed/mortgage-backed securities	-	11.6	-	-	11.6	
Securities lending collateral	-	6.8	-	-	6.8	
International fixed maturity securities	-	6.2	-	-	6.2	
Other securities	1.1	0.5	0.3	3.9	5.8	
Total Pension Benefit Guaranty Corporation	4.6	42.4	0.3	13.7	61.0	
National Railroad Retirement Investment Trust:						
U.S. equity	7.1	-	-	-	7.1	
Non-U.S. equity	5.5	-	-	-	5.5	
Private equity	-	-	-	3.6	3.6	
Global real assets	0.3	-	-	2.6	2.9	
Global fixed income	0.1	2.2	-	0.5	2.8	
Other securities	-	-	-	1.5	1.5	
Total Nation Railroad Retirement Investment Trust	13.0	2.2	-	8.2	23.4	
Tennessee Valley Authority:						
Private equity, real assets, and credit measured at net asset value	-	-	-	4.8	4.8	
Debt and equity securities	1.3	1.4	-	-	2.7	
Commingled funds measured at net asset value	-	-	-	2.1	2.1	
Other securities	0.6	1.3	0.1	0.5	2.5	
Total Tennessee Valley Authority	1.9	2.7	0.1	7.4	12.1	
Department of the Treasury	3.8	-	18.0	-	21.8	
Department of Defense	-	-	-	9.4	9.4	
All other	0.5	-	-	2.6	3.1	
Total investments	23.8	47.3	18.4	41.3	130.8	

PBGC, NRRIT, and TVA apply financial accounting and reporting standards issued by FASB and such entities, as permitted by SFFAS No. 47, *Reporting Entity* are consolidated into the U.S. government's consolidated financial statements without conversion to accounting and reporting standards issued by FASAB. PBGC, NRRIT, and TVA also hold investments in Treasury securities which are not included in the above tables, as such investments are eliminated in consolidation.

PBGC insures pension benefits of participants in covered single-employer and multiemployer defined benefit pension plans and values its financial assets at estimated FV consistent with the standards issued by FASB. PBGC's investments are used to pay future benefits of covered participants.

NRRIT on behalf of the RRB, manages and invests railroad retirement assets that are to be used to pay retirement benefits to the nation's railroad workers under the Railroad Retirement System. As an investment company, NRRIT is subject to accounting standards for investment companies issued by FASB.

TVA's investments consist of amounts held in the Nuclear Decommissioning Trust, Asset Retirement Trust, Supplemental Executive Retirement Plan, Deferred Compensation Plan, and Restoration Plan. TVA's qualified benefit pension plan is funded with qualified plan assets.

Treasury's investments consist of: 1) investments in SPVs, which were established by Federal Reserve Bank of New York and the Federal Bank of Boston for the purpose of making loans, purchasing debt, and other commercial paper of eligible entities affected by COVID-19; 2) foreign currency holdings which are typically invested in interest-bearing securities issued or held through foreign governments or monetary authorities; and 3) equity securities obtained through

emergency relief programs in response to the COVID-19 pandemic. Most of the stock warrants previously held by Treasury were sold in FY 2024.

Certain other investments reported by DOD represent joint ventures with private developers constructing or improving military housing on behalf of the department. Refer to Note 28—Public-Private Partnerships for additional information.

Fair Value Measurement

Investments are recorded at FV and have been categorized based upon a FV hierarchy, in accordance with FASB ASC Topic 820. FV is a market-based measurement. For some assets, observable market transactions or market information might be available. For other assets, observable market transactions and market information might not be available. However, the objective of a FV measurement in both cases is the same—to estimate the price at which an orderly transaction to sell the asset would take place between market participants at the measurement date under current market conditions.

When a price for an identical asset is not observable, a reporting entity measures FV using another valuation technique that maximizes the use of relevant observable inputs and minimizes the use of unobservable inputs. Because FV is a market-based measurement, it is measured using the assumptions that market participants would use when pricing the asset, including assumptions about risk. As a result, a reporting entity's intention to hold an asset is not relevant when measuring FV.

The measurement of FV of an asset is categorized with different levels of FV hierarchy as follows:

- Level 1—Unadjusted quoted prices in active markets for identical assets that the reporting entity can access at the measurement date.
- Level 2—Inputs other than quoted prices included with Level 1 that are based on observable market data (quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets), or that are either directly or indirectly observable for substantially the full term of the asset or liability.
- Level 3—Inputs that are both unobservable and significant to the overall FV measurement.
- Other—This category contains investments in certain commingled funds and partnerships that are measured at FV using NAV practical expedient that are not classified within the FV hierarchy and joint ventures. Please refer to PBGC, NRRIT, and TVA's financial statements for additional information on investments priced by NAV per share (or its equivalent) practical expedient and DOD's financial statements for additional information about joint ventures.

Please refer to PBGC, NRRIT, TVA, Treasury and DOD's financial statements for additional information on these investments and FV measurement.

Note 9. Advances and Prepayments

Advances and Prepayments as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Department of the Treasury	116.3	171.9
Department of Labor	12.6	10.8
Department of Health and Human Services	-	45.1
All other	17.5	24.9
Total advances and prepayments	<u>146.4</u>	<u>252.7</u>

Advances and prepayments are assets that represent funds disbursed in contemplation of the future performance of services, receipt of goods, the incurrence of expenditures, or the receipt of other assets. These include advances to contractors, grantees, Medicare providers, and state, local, territorial, and tribal governments; travel advances; and prepayments for items such as rents, taxes, insurance, royalties, commissions, and supplies.

Until such time as the goods or services are received, contract terms are met or progress has been made, or prepaid expenses expired these should be recorded as assets. Any amounts that are subject to a refund at the time of completion should be transferred to accounts receivable.

Treasury had a large decrease to advances and prepayments due to advance liquidations related to the Coronavirus State and Local Fiscal Recovery Funds and the Community Development Financial Institutions Rapid Response and Equitable Recovery Programs Fund.

HHS experienced a decrease to advances and prepayments due to the Prescription Drug and Medicare Advantage benefit payments originally scheduled for October 1, 2023, being made on September 29, 2023.

Note 10. Other Assets

Other Assets as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
FDIC receivables from resolution activity, net	37.3	158.4
Regulatory assets	18.0	14.3
Investments in Multilateral Development banks	9.2	9.1
Enhancement of Nationwide Public Safety Broadband Network	5.4	5.6
Other	12.0	8.0
Total other assets	<u>81.9</u>	<u>195.4</u>

Other assets are miscellaneous assets that are not reported elsewhere on the Balance Sheet (e.g., receivables from resolution activity, regulatory assets, investments, and costs related to special projects).

FDIC insures the deposits of insured depository institutions and resolves failed institutions upon appointment of FDIC as Receiver. FDIC, as Receiver, is responsible for managing and disposing of the assets of failed institutions in an orderly and efficient manner. The receivables from resolutions result from payments to cover insured depositors of failed institutions, advances to resolution entities (receiverships, conservatorships, and bridge institutions) for working capital, and administrative expenses paid on behalf of resolution entities. Assets held by resolution entities are the main source of repayment of FDIC's receivables from resolution activity. Estimates are made for the valuation of the assets held by resolution entities to compute the allowance for credit losses, including FDIC's estimate of future payments on losses incurred on assets sold to an acquiring institution under a shared-loss agreement. Multiple insured institutions failed throughout FY 2023, including Silicon Valley Bank, Signature Bank of New York, First Republic Bank, and Heartland Tri-State Bank. The \$121.1 billion decrease in the net receivables from resolution activity from \$158.4 billion as of September 30, 2023, to \$37.3 billion as of September 30, 2024, was primarily due to dividends of \$121.4 billion received from banks that failed in 2023. The \$121.1 billion includes \$41.5 billion for the Silicon Valley Bridge Bank Receivership that was recognized as received. See Note 4—Loans Receivable, Net and Loan Guarantees for additional information.

The FDIC's estimated cash recoveries are based on asset recovery rates from several sources, which may include the following: actual or pending institution-specific asset disposition data, failed institution-specific asset valuation data, aggregate asset valuation data on several recently failed or troubled institutions, sampled asset valuation data, and empirical asset recovery data based on failures since 2007. Methodologies for determining the asset recovery rates incorporate estimating future cash recoveries, net of applicable liquidation cost estimates, and discounting based on market-based risk factors applicable to a given asset's type and quality. The resulting estimated asset recoveries are then used to derive the allowance for credit losses on the receivables from these resolutions. Estimated asset recoveries on assets in liquidation are regularly evaluated during the year but remain subject to uncertainties because of potential changes in economic and market conditions, which may cause the actual recoveries to vary significantly from current estimates. Losses on the covered assets are shared between the acquirer of the failed institution and the FDIC, in its receivership capacity, of the failed institution when losses occur through the sale, foreclosure, loan modification, or write-down of loans in accordance with the terms of the shared-loss agreement. The agreements cover a seven- to eight-year period with the receiver covering 50 to 95 percent of the losses incurred by the acquiring bank. The estimated shared-loss liability is accounted for by the receiver and is included in the calculation of the allowance for credit losses against the corporate receivable from the resolution. The allowance for credit losses decreased from \$67.1 billion as of September 30, 2023, to \$66.0 billion as of September 30, 2024.

DOE and TVA record regulatory assets in accordance with FASB ASC Topic 980, *Regulated Operations*. The provisions of this standard require that regulated enterprises reflect rate actions of the regulator in their financial statements, when appropriate. These rate actions can provide reasonable assurance of the existence of an asset, reduce or eliminate the value of an asset, or impose a liability on a regulated enterprise. In order to defer incurred costs under FASB ASC Topic 980, a regulated entity must have the statutory authority to establish rates that recover all costs, and those rates must be charged to and collected from customers. If rates should become market-based, FASB ASC Topic 980 would no longer be applicable, and all the deferred costs under that standard would be expensed. DOE's BPA is responsible for repaying Treasury for transmission and power-generating assets owned by other entities based on this deferred cost. Other regulatory assets for

DOE include BPA's fixed schedule of benefit payments for investor-owned utility customers, repayment of debt for terminated nuclear projects, and deferred energy conservation measures relating to fish and wildlife. TVA's regulatory assets represent incurred costs that have been deferred because such costs are probable of future recovery in customer rates.

On behalf of the U.S., Treasury invests in certain MDB, through subscriptions to capital, which allows the MDB to issue loans at market-based rates to middle-income developing countries. These paid-in capital investments are nonmarketable equity investments valued at cost.

DOC's cost contributions toward the continued enhancement of the NPSBN reflects future economic benefits to the National Telecommunications and Information Administration. Please refer to Note 28—Public-Private Partnerships for additional information.

Items included in Other include DOE's operating non-federal generation, lease receivable, and derivative assets. Additional information regarding other assets can be found in the financial statements of FDIC, DOE, TVA, Treasury, and DOC.

Note 11. Accounts Payable

Accounts Payable as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Department of Defense	40.9	44.0
Department of Veterans Affairs	19.6	4.3
Security Assistance Accounts	16.7	16.9
General Services Administration	7.8	6.9
Department of Energy	6.5	6.2
Department of the Treasury	6.3	8.6
Department of Education	4.5	3.9
U.S. Agency for International Development	3.9	3.1
Department of Homeland Security	3.5	3.2
Department of Agriculture	2.9	4.3
Department of State	2.8	3.1
Department of Justice	2.6	2.8
U.S. Postal Service	2.5	2.3
All other	13.7	14.6
Total accounts payable	<u>134.2</u>	<u>124.2</u>

Accounts payable includes amounts due for goods and property ordered and received, services rendered by other than federal employees, cancelled appropriations for which the U.S. government has contractual commitments for payment, and non-debt related interest payable.

Note 12. Federal Debt and Interest Payable

Federal Debt and Interest Payable as of September 30, 2024, and 2023 (held by the public)

(In billions of dollars)	2023	Net Change	2024	Average Interest Rate				
				2024	2023			
Treasury securities:								
Marketable securities:								
Treasury bills	5,259.3	744.9	6,004.2	5.2%	5.4%			
Treasury notes	13,724.9	613.1	14,338.0	2.7%	2.1%			
Treasury bonds	4,240.2	461.2	4,701.4	3.2%	3.1%			
Treasury inflation-protected securities (TIPS)	1,934.9	116.2	2,051.1	0.7%	0.6%			
Treasury floating rate notes (FRN)	575.5	40.0	615.5	4.7%	5.0%			
Total marketable Treasury securities	25,734.8	1,975.4	27,710.2					
Nonmarketable securities	595.3	1.8	597.1	3.7%	3.7%			
Net unamortized premiums/(discounts)	(118.7)	(4.3)	(123.0)					
Total Treasury securities, net (public)	26,211.4	1,972.9	28,184.3					
Agency securities:								
Tennessee Valley Authority	19.3	0.7	20.0					
All other agencies	-	0.3	0.3					
Total agency securities, net of unamortized premiums and discounts	19.3	1.0	20.3					
Accrued interest payable	117.0	17.3	134.3					
Total federal debt and interest payable	26,347.7	1,991.2	28,338.9					

Federal debt held by the public consists of securities outside the government held by individuals, corporations, state or local governments, FRBs, foreign governments, and other non-federal entities. The above table details government borrowing primarily to finance operations and shows marketable and nonmarketable securities at face value less net unamortized premiums and discounts including accrued interest.

Securities that represent federal debt held by the public are issued primarily by Treasury and include:

- Interest-bearing marketable securities which include bills, notes, bonds, inflation-protected, and FRN.
 - Bills – Short-term obligations issued with a term of 1 year or less.
 - Notes – Medium-term obligations issued with a term of 2-10 years.
 - Bonds – Long-term obligations of more than 10 years.
 - TIPS – Term of 5 years or more.
 - FRN – Term of 2 years.
- Interest-bearing nonmarketable securities which include Government Account Series held by fiduciary and certain deposit funds, foreign series, SLGS, domestic series, and savings bonds.
- Non-interest-bearing marketable and nonmarketable securities which include matured and other.

In FY 2020, Treasury expanded its domestic series to include a new special nonmarketable Treasury security, known as a SPV security. Treasury issued these securities to SPVs, which were established by the Federal Reserve to implement its emergency lending facilities under Section 13(3) of the Federal Reserve Act to respond to the COVID-19 pandemic. An SPV security is a demand deposit certificate of indebtedness for which interest accrues daily and is paid at redemption. The total amount of SPV redemptions in FY 2024 and 2023 was \$7.6 billion and \$4.0 billion, including \$0.3 billion and \$0.5 billion in capitalized interest, respectively. There were no new issuances of SPV securities in FY 2024 and 2023. As of September 30, 2024, and 2023, the total amount of SPV securities outstanding was \$4.6 billion and \$11.9 billion, respectively.

Gross federal debt, with some adjustments, is the sum of debt held by the public and intra-governmental debt holdings and is subject to a statutory ceiling (i.e., the debt limit). Prior to 1917, Congress approved each debt issuance. In 1917, to facilitate planning in World War I, Congress and the President first enacted a statutory dollar ceiling for federal borrowing. With the *Public Debt Act of 1941* (P.L. 77-7), Congress and the President set an overall limit of \$65.0 billion on Treasury debt obligations that could be outstanding at any one time; since then, Congress and the President have enacted a number of debt limit increases.

In FY 2023, Treasury faced a delay in raising the debt limit that required it to depart from its normal debt management procedures and invoke legal authorities to avoid exceeding the statutory debt limit. During this period, extraordinary measures taken by Treasury resulted in federal debt securities not being issued to certain federal government accounts with the securities being restored, including lost interest, to the affected government accounts subsequent to the end of the delay period. Due to the delay in raising the statutory debt limit, Treasury took extraordinary measures from January 19, 2023, through June 2, 2023. On June 3, 2023, P.L. 118-5 was enacted suspending the debt limit through January 1, 2025. See Note 29—Subsequent Events for additional information.

As of September 30, 2024, and 2023, outstanding debt obligations subject to the statutory debt limit was \$35,354.9 billion and \$33,070.5 billion, respectively. The debt subject to the limit includes Treasury securities held by the public and intra-governmental debt holdings, with some adjustments. From FY 2023 to FY 2024, interest on Treasury securities held by the public increased from \$678.0 billion to \$909.1 billion. This \$231.1 billion increase primarily resulted from an increase in the outstanding debt held by the public and an increase in the average interest rates.

Intra-governmental Debt Holdings: Federal Debt Securities Held as Investments by Government Accounts as of September 30, 2024, and 2023

(In billions of dollars)	2023	Net Change	2024
Federal Old-Age and Survivors Insurance Trust Fund - SSA	2,673.7	(91.5)	2,582.2
Military Retirement Fund - DOD	1,366.8	232.3	1,599.1
Civil Service Retirement and Disability Fund - OPM	1,036.6	35.7	1,072.3
Medicare-Eligible Retiree Health Care Fund - DOD	354.2	32.6	386.8
Federal Hospital Insurance Trust Fund - HHS	194.4	40.6	235.0
Federal Disability Insurance Trust Fund - SSA	142.9	34.9	177.8
Federal Supplementary Medical Insurance Trust Fund - HHS	159.5	4.9	164.4
FHA, Mutual Mortgage Insurance Capital Reserve Account - HUD	133.1	22.8	155.9
Highway Trust Fund - DOT	115.7	(19.2)	96.5
Deposit Insurance Fund - FDIC	84.3	4.6	88.9
Unemployment Trust Fund - DOL	81.8	6.2	88.0
Nuclear Waste Disposal Fund - DOE	60.5	8.7	69.2
Pension Benefit Guaranty Corporation Fund - DOL	61.2	2.2	63.4
Employees Life Insurance Fund - OPM	52.5	2.5	55.0
Postal Service Retiree Health Benefits Fund - OPM	32.0	(3.8)	28.2
Employees Health Benefits Fund - OPM	25.6	(1.8)	23.8
Guarantees of Mortgage-Backed Securities Capital Reserve Account - HUD	21.0	2.1	23.1
National Credit Union Share Insurance Fund - NCUA	21.6	1.2	22.8
Foreign Service Retirement and Disability Fund - State	21.1	0.5	21.6
All other programs and funds	198.6	4.7	203.3
Subtotal	6,837.1	320.2	7,157.3
Total net unamortized premiums/(discounts) for intra-governmental	38.9	(61.5)	(22.6)
Total intra-governmental debt holdings, net	6,876.0	258.7	7,134.7

Intra-governmental debt holdings represent the portion of the gross federal debt held as investments by government entities such as trust funds, revolving funds, and special funds.

Government entities that held investments in Treasury securities include trust funds that have funds from dedicated collections. For additional information on funds from dedicated collections, see Note 22—Funds from Dedicated Collections. These intra-governmental debt holdings are eliminated in the consolidation of these financial statements.

Note 13. Federal Employee and Veteran Benefits Payable

Federal Employee and Veteran Benefits Payable as of September 30, 2024, and 2023

(In billions of dollars)	Civilian		Military		Total	Total
	2024	2023	2024	2023	2024	2023
Pension benefits	2,882.8	2,756.7	2,814.9	2,616.5	5,697.7	5,373.2
Veterans compensation and burial benefits	N/A	N/A	7,209.4	7,095.8	7,209.4	7,095.8
Post-retirement health benefits	443.1	396.7	1,297.8	1,125.2	1,740.9	1,521.9
Veterans education and training benefits	N/A	N/A	212.5	197.5	212.5	197.5
Life insurance benefits	70.1	66.3	3.2	3.6	73.3	69.9
Liability for other benefits	54.0	51.1	45.6	38.2	99.6	89.3
Total federal employee and veteran benefits payable	<u>3,450.0</u>	<u>3,270.8</u>	<u>11,583.4</u>	<u>11,076.8</u>	<u>15,033.4</u>	<u>14,347.6</u>

Note: "N/A" indicates not applicable.

The government offers its employees retirement and other benefits, as well as health and life insurance. The liabilities for these benefits, which include both actuarial amounts and amounts due and payable to beneficiaries and health care carriers, apply to current and former civilian and military employees. The actuarial accrued liability represents an estimate of the PV of the cost of benefits that have accrued, determined based on future economic and demographic assumptions. Actuarial accrued liabilities can vary widely from year to year, due to actuarial gains and losses that result from changes to the assumptions and from experience that has differed from prior assumptions.

OPM administers the largest civilian pension and post-retirement health benefits plans. DOD and VA administer the pension, compensation and burial, and post-retirement health benefit plans related to military service. Other significant pension plans with more than \$10.0 billion in actuarial accrued liability include those of Foreign Service (State), TVA, DHS, USPS, and HHS's Public Health Service Commissioned Corps Retirement System. Please refer to the financial statements of the entities listed for additional information regarding their pension plans and other benefits.

In accordance with SFFAS No. 33, *Pension, Other Retirement Benefits, and Other Postemployment Benefits: Reporting the Gains and Losses from Changes in Assumptions and Selecting Discount Rates and Valuation Dates*, entities are required to separately present gains and losses from changes in long-term assumptions used to estimate liabilities associated with pensions, ORB, and OPEB on the Statement of Net Cost. SFFAS No. 33 also provides a standard for selecting the discount rate assumption for PV estimates of federal employee pension, ORB, and OPEB liabilities. The SFFAS No. 33 standard for selecting the discount rate assumption requires it be based on a historical average of interest rates on marketable Treasury securities consistent with the cash flows being discounted. Additionally, SFFAS No. 33 provides a standard for selecting the valuation date for estimates of federal employee pension, ORB, and OPEB liabilities that establishes a consistent method for such measurements. This SFFAS No. 33 does not apply to the FECA program.

To provide a sustainable, justifiable data resource for the affected entities, Treasury developed a model and methodology for developing these interest rates in FY 2014.¹ The model is based on the methodology used to produce the HQM yield curve pursuant to the *Pension Protection Act of 2006*. As of July 2014, Treasury began releasing interest rate yield curve data using this new Treasury's TNC yield curve, which is derived from Treasury notes and bonds. The TNC yield curve provides information on Treasury nominal coupon issues and the methodology extrapolates yields beyond 30 years through 100 years maturity. The TNC yield curve is used to produce a Treasury spot yield curve (a zero coupon curve), which provides the basis for discounting future cash flows.

In addition to the benefits presented in this note, federal, civilian, and military employees and federal entities contribute to the TSP. The TSP is administered by an independent government entity, the FRTIB, which is charged with operating the TSP prudently and solely in the interest of the participants and their beneficiaries. Please refer to Note 23—Fiduciary Activities for additional information on the TSP.

¹ Treasury's HQM resource is available at: <https://home.treasury.gov/data/treasury-coupon-issues-and-corporate-bond-yield-curves/treasury-coupon-issues>.

Pension Benefits

(In billions of dollars)	Civilian		Military		Total	
	2024	2023	2024	2023	2024	2023
Actuarial accrued pension liability, beginning of fiscal year	2,756.7	2,556.0	2,616.5	2,513.5	5,373.2	5,069.5
Pension expense:						
Normal costs	73.8	64.5	74.6	62.7	148.4	127.2
Interest on liability	75.3	66.8	75.7	70.2	151.0	137.0
Actuarial (gains)/losses (from experience)	31.9	22.9	20.9	33.3	52.8	56.2
Actuarial (gains)/losses (from assumption changes)	55.9	154.2	105.0	11.2	160.9	165.4
Total pension expense	236.9	308.4	276.2	177.4	513.1	485.8
Less benefits paid	(110.8)	(107.7)	(77.8)	(74.4)	(188.6)	(182.1)
Actuarial accrued pension liability, end of fiscal year	<u>2,882.8</u>	<u>2,756.7</u>	<u>2,814.9</u>	<u>2,616.5</u>	<u>5,697.7</u>	<u>5,373.2</u>

Significant Long-Term Economic Assumptions Used in Determining Pension Liability and the Related Expense

	Civilian				Military	
	2024		2023		2024	2023
	FERS	CSRS	FERS	CSRS		
Rate of interest	3.00%	2.50%	3.00%	2.40%	3.00%	2.90%
Rate of inflation	2.80%	2.80%	2.60%	2.60%	2.80%	2.60%
Projected salary increases	2.50%	2.50%	2.10%	2.10%	2.80%	2.60%
Cost of living adjustment	2.40%	2.80%	2.30%	2.60%	2.80%	2.60%

Civilian Employees' Pension

OPM administers the largest civilian pension plan, which covers substantially all full-time, permanent civilian federal employees. This plan includes two components of defined benefits, the CSRS and the FERS. The basic benefit components of the CSRS and the FERS are financed and operated through the CSRDF, a trust fund. CSRDF monies are generated primarily from employees' contributions, federal entity contributions, payments from the General Fund, and interest on investments in Treasury securities. As of September 30, 2024, USPS has accrued, but not paid OPM, \$27.3 billion in CSRS and FERS retirement benefit expenses for amortization of unfunded liabilities since 2014. USPS made a partial payment of \$1.0 billion and \$0.6 billion in 2024 and 2023, respectively, towards the required payment for FERS amortization. In order for USPS to preserve liquidity and to ensure the ability to fulfill its primary universal service mission was not placed at undue risk, USPS has not made all of the required payments for FERS or CSRS amortization. The cost of each year's required payment, including defaulted payments, along with other benefit program costs, are included in USPS' net cost for that year in the consolidated Statements of Net Cost. The liability is not included on the government-wide Balance Sheet due to the USPS liability being eliminated with OPM's corresponding receivable.

Military Employees' Pensions

The MRS consists of a funded, noncontributory, defined benefit plan for military personnel (Services of Army, Navy, Air Force, Marine Corps, Space Force, and the U.S. Coast Guard) with an entry date prior to January 1, 2018 and the BRS,

generally for military personnel with an entry date on or after January 1, 2018. The MRS defined benefit plan includes non-disability retired pay, disability retired pay, survivor annuity programs, Concurrent Retirement and Disability Pay, and Combat-Related Special Compensation. The BRS is a retirement benefit merging aspects of both a defined benefit annuity with a defined contribution account, through the TSP. The date an individual enters the military generally determines which retirement system they would fall under and if they have the option to select, via a one-time irrevocable election, their retirement system. For additional information on these benefits, see DOD's Office of Military Compensation website <https://militarypay.defense.gov>.

The DOD Military Retirement Fund was established by P.L. 98-94 (currently 10 U.S.C. §1461-1467) and accumulates funds to finance, on an accrual basis, the liabilities of DOD military retirement and survivor benefit programs. This fund receives income from three sources: monthly normal cost payments from the services to pay for DOD's portion of the current year's service cost; annual payments from Treasury to amortize the unfunded liability and pay for the increase in the normal cost attributable to Concurrent Receipt (certain beneficiaries with combat-related injuries who are receiving payments from VA) per P.L. 108-136; and investment income.

DOD's Office of the Actuary calculates the actuarial liability annually using economic and demographic assumptions about the future (e.g., mortality and retirement rates).

The VA provides eligible veterans and/or their dependents with pension benefits if the veteran died, is over age 65 or is totally disabled, based on annual eligibility reviews. Unlike a traditional pension program, VA pension is only available to veterans who meet the financial means test. As such, only the amounts currently due and payable are reflected as a liability on VA's balance sheet, which is consistent with federal accounting standards. No actuarial liability is recognized for the NPV of projected future benefit payments.

Veterans Compensation and Burial Benefits

Change in Veterans Compensation and Burial Benefits

(In billions of dollars)	Compensation		Burial		Total	
	2024	2023	2024	2023	2024	2023
Actuarial accrued liability, beginning of fiscal year	7,084.0	5,953.4	11.8	11.7	7,095.8	5,965.1
Current year expense:						
Prior (and past) service costs from program amendments or new programs during the period	18.6	468.7	-	-	18.6	468.7
Interest on the liability balance	200.8	167.9	0.3	0.3	201.1	168.2
Actuarial (gains)/losses (from experience)	105.0	86.3	(0.9)	(0.1)	104.1	86.2
Actuarial (gains)/losses (from assumption changes)	(33.7)	549.2	-	0.2	(33.7)	549.4
Total current year expense	290.7	1,272.1	(0.6)	0.4	290.1	1,272.5
Less benefits paid	(176.2)	(141.5)	(0.3)	(0.3)	(176.5)	(141.8)
Actuarial accrued liability, end of fiscal year	7,198.5	7,084.0	10.9	11.8	7,209.4	7,095.8

Significant Long-Term Economic Assumptions Used in Determining Veterans Compensation and Burial Benefits as of September 30, 2024, and 2023

	2024	2023
Discount Rate, Single Equivalent	2.97%	2.87%
Long-Term COLA Rate	2.40%	2.40%

The government compensates disabled veterans and their survivors to replace lost earnings as a result of their military service. Veterans' disability compensation is payable as a disability benefit or a survivor's benefit. Entitlement to compensation depends on the veterans' disabilities incurred in or aggravated during active military service, death while on duty, or death resulting from service-connected disabilities after active duty.

Eligible veterans who die or are disabled during active military service-related causes, as well as their dependents, and dependents of service members who died during active military service, receive disability compensation benefits. In addition, service members who die during active military service and veterans who separated under other than dishonorable conditions are provided with a burial flag, headstone/marker, and grave liner for burial in a VA national cemetery or are provided a burial flag, headstone/marker, and a plot allowance for burial in a private cemetery. These benefits are provided under 38 U.S.C., Part 2, §2301-2308, in recognition of a veteran's military service and are recorded as a liability in the period the requirements are met.

Several significant actuarial assumptions were used in the valuation of disability compensation and burial benefits to calculate the PV of the liability. A liability was recognized for the projected benefit payments to: 1) those beneficiaries, including veterans and survivors, currently receiving benefit payments; 2) current veterans who are expected in the future to become beneficiaries of the compensation program; and 3) a proportional share of those in active military service as of the valuation date who are expected to be future veterans and to become beneficiaries of the compensation program. Future benefit payments to survivors of those veterans in classes 1, 2, and 3 above are also incorporated into the projection.

The veterans' compensation and burial benefits liability is developed on an actuarial basis. It is impacted by interest on the liability balance, experience gains or losses, changes in actuarial assumptions, prior service costs, and amounts paid for costs included in the liability balance.

Post-Retirement Health Benefits

Change in Post-Retirement Health Benefits

(In billions of dollars)	Civilian		Military		Total	
	2024	2023	2024	2023	2024	2023
Actuarial accrued post-retirement health benefits liability, beginning of fiscal year	396.7	427.4	1,125.2	1,045.0	1,521.9	1,472.4
Post-retirement health benefits expense:						
Normal costs	20.4	18.6	37.5	33.7	57.9	52.3
Interest on liability	12.2	13.1	33.3	30.9	45.5	44.0
Actuarial (gains)/losses (from experience)	0.8	(1.9)	(5.0)	(38.8)	(4.2)	(40.7)
Actuarial (gains)/losses (from assumption changes)	29.6	(43.0)	131.7	78.3	161.3	35.3
Total post-retirement health benefits expense	63.0	(13.2)	197.5	104.1	260.5	90.9
Less claims paid	(16.6)	(17.5)	(24.9)	(23.9)	(41.5)	(41.4)
Actuarial accrued post-retirement health benefits liability, end of fiscal year	443.1	396.7	1,297.8	1,125.2	1,740.9	1,521.9

Significant Long-Term Economic Assumptions Used in Determining Post-Retirement Health Benefits and the Related Expense

	Civilian		Military	
	2024	2023	2024	2023
Rate of interest	3.20%	3.10%	3.00%	2.90%
Single equivalent medical trend rate	5.20%	4.90%	5.10%	4.90%
Ultimate medical trend rate	4.20%	4.00%	4.80%	4.60%

Civilian Employees' Post-Retirement Health Benefits

The post-retirement civilian health benefit liability is an estimate of the government's future cost of providing post-retirement health benefits to current employees and retirees. Although active and retired employees pay insurance premiums under the Federal Employee Health Benefits Program, these premiums cover only a portion of the costs. The OPM actuary applies economic and demographic assumptions to historical cost information to estimate the liability. The increase in post-retirement health benefit liability of \$46.4 billion is primarily attributable to actuarial losses from assumption changes and normal cost.

Military Employees' Post-Retirement Health Benefits

Military retirees who are not yet eligible for Medicare (and their non-Medicare eligible dependents) are eligible for post-retirement medical coverage provided by DOD. Depending on the benefit plan selected, retirees and their eligible dependents may receive care from MTF on a space-available basis or from civilian providers through TRICARE. This TRICARE coverage is available as Select (a preferred provider health plan that contracts with medical providers to create a network of participating providers; member cost-shares are typically higher for services received out-of-network) and Prime (a health maintenance plan that limits services to a specific network of medical personnel and facilities and usually by requiring referral by a primary-care physician for specialty care; coverage is also available for non-referred and out-of-network care, subject to higher cost-sharing). These post-retirement medical benefits are paid by the DOD Defense Health Program on a pay-as-you-go basis.

Since FY 2002, DOD has provided medical coverage to Medicare-eligible retirees (and their eligible Medicare-eligible dependents). This coverage, called TFL, is a Medicare Supplement plan which includes inpatient, outpatient, and pharmacy

coverage. Enrollment in Medicare Part B is required to maintain eligibility in TFL. Retirees with TFL coverage can obtain care from MTF on a space-available basis or from civilian providers.

To fund the TFL, 10 U.S.C., Chapter 56 created the DOD MERHCF, which became operative on October 1, 2002. The purpose of this fund is to account for and accumulate funds for the health benefit costs of Medicare-eligible military retirees, and their dependents and survivors who are Medicare eligible. The Fund receives revenues from three sources: interest earnings on MERHCF assets, Uniformed Services normal cost contributions, and Treasury contributions. The DOD Medicare-Eligible Retiree Health Care Board of Actuaries (the MERHCF Board) approves the methods and assumptions used in actuarial valuations of the MERHCF for the purpose of calculating the per capita normal cost rates (to fund the annual accrued benefits) and determining the unfunded liability amortization payment (Treasury contribution).

The Secretary of Defense directs the Secretary of the Treasury to make DOD's normal cost payments. The MERHCF pays for medical costs incurred by Medicare-eligible beneficiaries at MTF and civilian providers (including payments to U.S. Family Health Plans for grandfathered beneficiaries), plus the costs associated with claims administration.

DOD's Office of the Actuary calculates the actuarial liabilities annually using assumptions and experience (e.g., mortality and retirement rates, health care costs, medical trend rates, and the discount rate) in accordance with SFFAS No. 33. Actuarial liabilities are calculated for all DOD retiree medical benefits, including both the benefits funded through the MERHCF and the benefits for pre-Medicare retirees who are paid on a pay-as-you-go basis. The liability for military post-retirement health and accrued benefits payable increased \$172.6 billion.

In addition to the health care benefits the federal government provides for civilian and military retirees and their dependents, the VA also provides medical care to veterans on an "as available" basis, subject to the limits of the annual appropriations. For the FYs 2020 through 2024, the average medical care cost per year was \$102.6 billion.

Veterans Education and Training Benefits

Change in Veterans Education and Training Benefits

(In billions of dollars)	2024	2023
Actuarial accrued liability, beginning of fiscal year	197.5	170.0
Current year expense:		
Prior (and past) service costs from plan amendments or new plans	0.3	2.0
Interest on liability	4.8	4.0
Actuarial (gains)/losses (from experience)	26.2	24.0
Actuarial (gains)/losses (from assumption changes)	(4.0)	9.4
Total current year expense	27.3	39.4
Less benefits paid	(12.3)	(11.9)
Actuarial accrued liability, end of fiscal year	212.5	197.5

For eligible veterans and their dependents, the VA provides four education/retraining type programs:

- Post 9/11 GI Bill;
- Vocational Rehabilitation and Employment;
- Dependents' Educational Assistance; and
- MGIB-AD.

Based on the actuarial estimates of future payments, the total liability for the four education and training programs increased by \$15.0 billion in FY 2024.

On April 16, 2024, the Supreme Court issued a decision in a case that potentially impacts individuals with multiple periods of active-duty service who are entitled to MGIB-AD benefits under one period of service and Post 9/11 GI Bill benefits under another period of service, and whether they are entitled to combined total of 36 months of benefits (which was VA's prior interpretation) or 36 months of benefits under each program subject to the 48-month aggregate cap. The Supreme Court determined that the latter entitlement subject to the 48-month rule applies in this scenario. VA is currently assessing the effect of this decision on benefits entitlement and needs additional data and analysis to develop a measurable estimate in

accordance with SFFAS No. 5, *Accounting for Liabilities of the Federal Government*. VA plans to incorporate the impact of the Supreme Court decision into experience studies in FY 2025.

For additional information regarding actuarial assumptions and the four education and training type programs, please refer to VA's financial statements.

Life Insurance Benefits

Civilian Employees' Life Insurance Benefits

One of the other significant employee benefits is the FEGLI Program. Employee and annuitant contributions and interest on investments fund a portion of this liability. The actuarial life insurance liability is the expected PV of future benefits to pay to, or on behalf of, existing FEGLI participants, less the expected PV of future contributions to be collected from those participants. The OPM actuary uses salary increase and interest rate yield curve assumptions that are generally consistent with the pension liability.

The civilian's life insurance liability for future policy benefits as of September 30, 2024, and 2023, was \$70.1 billion and \$66.3 billion, respectively. The total amount of coverage provided by an insurer as of the end of the reporting period is referred to as insurance in-force. As of September 30, 2024, the total amount of FEGLI insurance in-force is estimated at \$858.3 billion (\$748.6 billion for employees and \$109.7 billion for annuitants). For additional information on civilian's life insurance liability, please refer to OPM's financial statements.

Veterans' Life Insurance Benefits

The largest veterans' life insurance programs consist of the following:

- National Service Life Insurance covers policyholders who served during World War II.
- Veterans' Special Life Insurance was established in 1951 to meet the insurance needs of veterans who served during the Korean Conflict and through the period ending January 1, 1957.
- Service-Disabled Veterans Insurance program was established in 1951 to meet the insurance needs of veterans who received a service-connected disability rating.

The veteran's life insurance liability for future policy benefits as of September 30, 2024, and 2023, was \$3.2 billion and \$3.6 billion, respectively. For additional information on veteran's life insurance liability, please refer to VA's financial statements.

The amount of insurance in-force is the total face amount of life insurance coverage provided by each administered and supervised program at the end of the fiscal year. The supervised programs' policies and face values are not reflected as liabilities because the risk of loss on these programs is assumed by Prudential and its reinsurers through the terms and conditions of the group policy. As a result, the information provided for the supervised programs is for informational purposes and is unaudited. The face value for supervised programs as of September 30, 2024, and 2023, was \$1,440.2 billion and \$1,481.4 billion, respectively. The face value for administered programs as of September 30, 2024, and 2023, was \$5.4 billion and \$5.2 billion, respectively.

Liability for Other Benefits

Liability for other benefits primarily consists of \$54.2 billion of accrued payroll and leave benefits and \$36.3 billion of FECA benefits.

As discussed in Note 1.W—Changes in Presentation, the FY 2023 presentation of federal employee and veteran benefits payable was changed to conform to the FY 2024 presentation.

Note 14. Environmental and Disposal Liabilities

Environmental and Disposal Liabilities as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Department of Energy	544.5	534.3
Department of Defense	101.1	93.8
All other entities	20.4	17.2
Total environmental and disposal liabilities	<u>666.0</u>	<u>645.3</u>

After World War II, the U.S. developed a massive industrial complex to research, produce, and test nuclear weapons and commercial nuclear power reactors. The nuclear complex was comprised of nuclear reactors, chemical-processing buildings, metal machining plants, laboratories, and maintenance facilities.

At all sites where these activities took place, some environmental contamination occurred. This contamination was caused by the production, storage, and use of radioactive materials and hazardous chemicals, which resulted in contamination of soil, surface water, or groundwater. The environmental legacy of nuclear weapons production also includes thousands of contaminated buildings and large volumes of waste and special nuclear materials requiring treatment, stabilization, and disposal.

Estimated cleanup costs at sites for which there are no current feasible remediation approaches are excluded from the estimates, although applicable stewardship and monitoring costs for these sites are included. DOE has not been required through regulation to establish remediation activities for these sites.

Estimating DOE's environmental cleanup liability requires making assumptions about future activities and is inherently uncertain. The future course of DOE's environmental cleanup and disposal will depend on a number of fundamental technical and policy choices, many of which have not been made. Some contaminated sites and facilities could be restored to a condition suitable for any desired use or could be restored to a point where they pose no near-term health risks to the surrounding communities. Achieving the former condition of the sites and facilities would have a higher cost which may or may not warrant the cost or be legally required. The environmental and disposal liability estimates include contingency estimates intended to account for the uncertainties associated with the technical cleanup scope of the program. Congressional appropriations at lower-than anticipated levels or lack of congressional approval, unplanned delays in project completions, unforeseen technical issues, obtaining regulatory approval, among other things, could cause increases in life-cycle costs.

DOE's environmental and disposal liabilities also include the estimated cleanup and post-closure responsibilities, including surveillance and monitoring activities, soil and groundwater remediation, and disposition of excess material for sites. DOE is responsible for the post-closure activities at many of the closure sites as well as other sites. The costs for these post-closure activities are estimated for a period of 75 years after the balance sheet date, i.e., through 2099 in FY 2024 and through 2098 in FY 2023. While some post-clean-up monitoring and other long-term stewardship activities post-2099 are included in the liability, there are others DOE expects to continue beyond 2099 for which the costs cannot reasonably be estimated.

A portion of DOE's environmental liability at various field sites includes anticipated costs for facilities managed by DOE's ongoing program operations, which will ultimately require stabilization, deactivation, and decommissioning. The estimates are largely based upon a cost-estimating model. Site specific estimates are used in lieu of the cost-estimating model, when available. Cost estimates for ongoing program facilities are updated each year. For facilities newly contaminated since FY 1997, cleanup costs are allocated to the periods benefiting from the operations of the facilities. Facilities' cleanup costs allocated to future periods and not included in the environmental and disposal liabilities amounted to \$1.2 billion and \$1.1 billion for fiscal years ending September 30, 2024, and 2023, respectively.

DOD has cleanup requirements and conducts the cleanup under DERP at active installations, Base Realignment Closure, and Formerly Used Defense Sites. DOD has additional cleanup requirements for active installations not driven by DERP, weapon systems programs, and chemical weapons disposal programs. The weapons system program consists of chemical weapons disposal, nuclear powered aircraft carriers, nuclear powered submarines, and other nuclear ships. All cleanup efforts are performed in coordination with regulatory entities, other responsible parties, and current property owners, as applicable.

DOD follows CERCLA, SARA, RCRA or other applicable federal or state laws to clean up contamination. The CERCLA, SARA, and RCRA require DOD to clean up contamination in coordination with regulatory entities, current owners of property damaged by DOD, and third parties that have a partial responsibility for the environmental restoration. Failure to comply with agreements and legal mandates puts the DOD at risk of incurring fines and penalties.

DOD utilizes an estimating methodology model which includes the use of mathematical equations to convert resources data into cost data to project environmental cleanup cost. DOD validates the models and estimates liabilities based on data received during preliminary assessment and site investigation.

For PP&E placed into service after September 30, 1997, DOD expenses associated environmental cleanup costs using two methods: physical capacity usage of the assets or systematically recognized over the useful life. DOD expensed cleanup costs for PP&E placed into service before October 1, 1997, unless costs are to be recovered through user charges. As costs are recovered DOD expenses cleanup costs associated with the asset life that has passed since the PP&E was placed into service. DOD systematically recognizes the remaining cost over the remaining life of the asset. The unrecognized portion of the estimated total cleanup costs associated with disposal of PP&E was \$5.2 billion and \$4.7 billion for fiscal years ending September 30, 2024, and 2023, respectively.

DOD is responsible for environmental restoration and corrective action for buried chemical munitions and agents; however, a reasonable estimate is indeterminable because the extent of the buried chemical munitions and agents is unknown. DOD has ongoing studies for the Formerly Utilized Sites Remedial Action Program and will update its estimate as additional information is identified. DOD may incur costs for restoration initiatives in conjunction with returning overseas DOD facilities to host nations. DOD continues its efforts to reasonably estimate required restoration costs.

Environmental liabilities change over time because of laws and regulation updates, technology advances, inflation or deflation factors and disposal plan revisions. DOD revised estimates resulting from previously unknown contaminants, reestimation based on different assumptions, and other changes in project scope.

Please refer to the financial statements of the main contributing entities, DOD and DOE, for additional information regarding environmental and disposal liabilities, including cleanup costs.

Legal contingent liabilities including contingencies related to environmental legal disputes are recognized as an other liability on the Balance Sheet. See Note 18—Other Liabilities and Note 21—Contingencies for additional information related to legal contingencies.

Note 15. Benefits Due and Payable

Benefits Due and Payable as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Federal Old-Age and Survivors Insurance - SSA	119.1	111.0
Medicare Insurance (Parts A, B, and D) - HHS	88.8	106.2
Grants to states for Medicaid - HHS	51.5	52.0
Federal Disability Insurance - SSA	33.1	29.8
All other benefits programs	27.5	26.9
Total benefits due and payable	<u><u>320.0</u></u>	<u><u>325.9</u></u>

Benefits due and payable are amounts owed to program recipients or medical service providers as of September 30, 2024 that have not been paid. Please refer to the financial statements of SSA and HHS for more information.

Note 16. Insurance and Guarantee Program Liabilities

Insurance and Guarantee Program Liabilities as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Single-Employer Program - Pension Benefit Guaranty Corporation	78.7	73.9
Federal Crop Insurance - Department of Agriculture	15.1	17.3
Multiemployer Program - Pension Benefit Guaranty Corporation	2.3	2.6
Other insurance and guarantee programs	9.9	5.5
Total insurance and guarantee program liabilities	<u>106.0</u>	<u>99.3</u>

The federal government incurs liabilities related to various insurance and guarantee programs as detailed in the table above. Note 21—Contingencies includes a discussion of contingencies and other risks related to significant insurance and guarantee programs. Insurance information and the related liability concerning federal employee and veteran benefits are included in Note 13—Federal Employee and Veteran Benefits Payable. Social insurance and loan guarantees are not considered insurance programs under SFFAS No. 51, *Insurance Programs*, and are accounted for under SFFAS No. 17, *Accounting for Social Insurance*, and SFFAS No. 2, *Accounting for Direct Loans and Loan Guarantees*. Loan guarantees are disclosed in Note 4—Loans Receivable, Net and Loan Guarantees, and social insurance information is included primarily in the sustainability financial statements and in Note 25—Social Insurance.

Insurance and guarantee program liabilities are recognized for known losses and contingent losses to the extent that the underlying contingency is deemed probable, and a loss amount is reasonably measurable. Please see Note 21—Contingencies for discussion on the meaning of “probable” depending on the accounting framework used by each significant consolidation entity. PBGC, which insures defined benefit pensions, has the largest insurance and guarantee program liability.

PBGC insures pension benefits for participants in covered defined benefit pension plans. The FY 2024 increase of \$4.5 billion in PBGC’s liability for its two separate insurance programs is comprised of an increase of \$4.8 billion in the single-employer program liability and a decrease of \$0.3 billion in the multiemployer program liability. As of September 30, 2024, and 2023, PBGC had total liabilities of \$94.3 billion and \$88.8 billion, respectively. As of September 30, 2024, PBGC’s total assets exceeded its total liabilities by \$56.3 billion, and in FY 2023 its total assets exceeded its total liabilities by \$46.1 billion.

On March 11, 2021, the ARP established the SFA program for distressed multiemployer pension plans that meet specific eligibility criteria. The SFA program is administered by PBGC and paid in a single lump sum rather than in periodic payments. An application under the ARP must be filed by the eligible plans no later than December 31, 2025. Unlike PBGC’s insolvency insurance program for multiemployer plans, which is funded by insurance premiums and investment income, the SFA program is funded by appropriations from the General Fund. The SFA program is intended to enable eligible plans to pay benefits due through plan year 2051, and, as a result, these plans are no longer considered to be liabilities to PBGC. PBGC paid \$14.5 billion in SFA during FY 2024, \$45.9 billion in SFA during FY 2023, and \$7.5 billion paid in SFA during FY 2022. PBGC estimates the total amount of SFA to be paid out under the program to be approximately \$79.6 billion.

As of September 30, 2024, and 2023, \$15.1 billion, and \$17.3 billion respectively, pertain to USDA’s FCIP. The FCIP is administered by the FCIC, which provides insurance to reduce agricultural producers’ economic losses due to natural disasters.

As of September 30, 2024, and 2023, \$8.5 billion and \$4.1 billion, respectively, pertain to the DHS NFIP, which is included in other insurance and guarantee programs. The NFIP insurance program liability represents an estimate based on the loss and loss adjustment expense factors inherent to the NFIP Insurance Underwriting Operations, including trends in claim severity and frequency. The estimate is driven primarily by the timing and severity of flooding activity in the U.S. and can significantly vary year over year.

Note 17. Advances from Others and Deferred Revenue

Advances from Others and Deferred Revenue as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Security Assistance Accounts	272.0	270.5
Department of Energy	55.5	52.9
All other	35.6	31.9
Total advances from others and deferred revenue	<u>363.1</u>	<u>355.3</u>

Advances from others and deferred revenue consists of payments received in advance of performance of activities for which revenue has not been earned and other deferred revenue or income received but not yet earned. Some examples include deferred project revenue funded in advance, funds received in advance under the terms of a settlement agreement, prepaid postage, and unearned fees, assessments, and surcharges.

SAA advances from others represent liabilities for collections received to cover future expenses or acquisition of assets and are related to contracts authorizing progress payments based on cost as defined in the Federal Acquisition Regulation. In accordance with contract terms, specific rights to the contractors' work vest when a specific type of contract financing payment is made. Due to the probability the contractors will complete their efforts and deliver satisfactory products, and because the amount of potential future payments is estimable, the SAA has recognized a contingent liability for estimated future payments, which are conditional pending delivery and government acceptance.

The DOE's Nuclear Waste Fund collects revenues from owners or generators of high-level radioactive waste and SNF to pay their share of disposal costs. These revenues are recognized as a financing source as costs are incurred, and revenues that exceed the expenses are considered deferred revenue.

Note 18. Other Liabilities

Other Liabilities as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Allocation of special drawing rights	155.8	151.0
Actuarial liabilities for benefit programs	92.8	76.6
Other liabilities without related budgetary obligations	83.0	83.9
Other liabilities with related budgetary obligations	77.2	202.0
Contingent liabilities	58.2	67.6
Lease liabilities	39.4	-
Other miscellaneous liabilities	77.9	71.9
Total other liabilities	<u>584.3</u>	<u>653.0</u>

Other liabilities are the amounts owed to the public and are not reported elsewhere in the Balance Sheet. As discussed in Note 1.W—Changes in Presentation, the presentation of accrued funded payroll and leave for FY 2023 was changed to conform to the FY 2024 presentation.

- Allocation of SDR is the amount of corresponding liability representing the value of the reserve assets allocated by the IMF to meet global needs to supplement existing reserve assets. SDR derive their quality as reserve assets from the undertakings of the members to accept them in exchange for “freely useable” currencies (the U.S. dollar, European euro, Chinese renminbi, Japanese yen, and British pound sterling). Treasury is the sole contributor. For additional information, refer to Note 27—Disclosure Entities and Related Parties.
- Actuarial liabilities for benefit programs include the Energy Employees Occupational Illness Compensation Fund, D.C. Federal Pension Fund, and the D.C. Judicial Retirement Fund programs. The only contributors are DOL and Treasury.
- Other liabilities without related budgetary obligations represent those unfunded liabilities for which congressional action is needed before budgetary resources can be provided. The largest contributions to this category are HUD’s Home Equity Conversion Mortgage-Backed Security Obligations, at FV, and DOE’s contractor-sponsored pension plans and other post-retirement benefits.
- Other liabilities with related budgetary obligations are amounts of liabilities for which there is a related budgetary obligation. Grant accruals, subsidies, and unpaid obligations related to assistance programs are all part of this category. Substantial contributors to this category are DOT, HHS, FDIC, Education, and USDA. A sharp year over year decrease to other liabilities with related budgetary obligations in FY 2024, was due to three bank failures reported by FDIC that were resolved in FY 2023.
- Contingent liabilities are amounts that are recognized as a result of a past event where a future outflow or sacrifice of resource is probable and measurable. These consist of a wide variety of administrative proceedings, legal actions, and tort claims which may ultimately result in settlements or decisions adverse to the federal government. DOE and HHS are the top contributors. For additional information, refer to Note 21—Contingencies.
- Lease liabilities represent the present value of future payments on long-term, non-intragovernmental leases. Lessees disclose principal and interest payments for future lease payments to the end of the lease for each of the five subsequent years and in five-year increments, thereafter, depending on materiality. As of September 30, 2024, the amount of future lease payments is \$51.6 billion, and includes \$39.4 billion and an estimated \$12.2 billion of principal and interest, respectively. Please refer to the financial statements of the main lessee contributors GSA, State, and VA for more information on future lease payments and to Note 6—Property, Plant, and Equipment for additional information regarding RTU lease assets.
- Other miscellaneous liabilities are the liabilities not otherwise classified above. Many entities reported relatively small amounts.

The following entities are the main contributors to the government's reported other liabilities as of September 30, 2024. Refer to each entity's financial statements for additional information:

- Treasury
- HUD
- FDIC
- DOL
- DOD
- Education
- DOE
- DOJ
- DHS
- HHS
- DOT
- USDA
- GSA
- PBGC

Note 19. Collections and Refunds of Federal Revenue

Collections of Federal Tax Revenue for the Year Ended September 30, 2024

(In billions of dollars)	Federal Tax Revenue Collections	Tax Year to Which Collections Relate			Prior Years
		2024	2023	2022	
Individual income tax and tax withholdings	4,409.4	2,760.6	1,517.8	89.1	41.9
Corporate income taxes	565.1	303.3	192.5	9.8	59.5
Excise taxes	99.6	76.6	22.8	0.1	0.1
Unemployment taxes	46.4	37.9	8.4	-	0.1
Customs duties	82.2	76.3	5.9	-	-
Estate and gift taxes	33.0	1.3	25.4	4.0	2.3
Railroad retirement taxes	6.9	5.4	1.5	-	-
Fines, penalties, interest, and other revenue	6.2	6.0	0.2	-	-
Subtotal	5,248.8	3,267.4	1,774.5	103.0	103.9
Less: amounts collected for non-federal entities	(0.4)				
Total	5,248.4				

Treasury is the government's principal revenue-collecting entity. Collections of individual income and tax withholdings include FICA/SECA and individual income taxes. These taxes are characterized as non-exchange revenue.

Excise taxes, also characterized as non-exchange revenue, consist of taxes collected for various items, such as airline tickets, gasoline products, distilled spirits and imported liquor, tobacco, firearms, and others.

Tax and other revenues reported reflect the effects of tax expenditures, which are special exclusions, exemptions, deductions, tax credits, preferential tax rates, and tax deferrals that allow individuals and businesses to reduce taxes they may otherwise owe. The *Budget Act* (P.L. 93-344) requires that a list of tax expenditures be included in the annual *Budget*. Tax expenditures may be viewed as alternatives to other policy instruments, such as spending or regulatory programs. For example, the government supports college attendance through both spending programs and tax expenditures. The government uses Pell Grants to help low- and moderate-income students afford college and allows certain funds used to meet college expenses to grow tax free in special college savings accounts.

Tax expenditures include deductions and exclusions, which reduce the amount of income subject to tax. Examples are the deduction for mortgage interest on personal residences and the exclusion of interest on state and local bonds. Tax expenditures also include capital gains exclusions. For example, exclusion on home sales of a principal residence of up to \$250,000 (\$500,000 in the case of a married couple filing a joint return). Other credits are targeted at business activity, such as credits for producing electricity from renewable energy or the research and experimentation credit, which encourages businesses in the U.S. to increase investment in research activities. In addition, tax expenditures include some provisions that allow taxpayers to defer tax liability. Examples include provisions that allow immediate expensing or accelerated depreciation of certain capital investments, and others that allow taxpayers to defer their tax liability, such as the deferral of recognition of income on contributions to and income accrued within qualified retirement plans.

The total revenues reported in the Statement of Operations and Changes in Net Position and the related information reported in this note, do not include explicit line items for tax expenditures, but the total revenue amounts and budget results reflect the effect of these expenditures. Tax expenditures are discussed in this note, the unaudited MD&A, and in the unaudited Other Information section of the *Financial Report*.

Federal Tax Refunds Disbursed and Other Payments for the Year Ended September 30, 2024

(In billions of dollars)	Refunds Disbursed	Tax Year to Which Refunds Relate			
		2024	2023	2022	Prior Years
Individual income tax and tax withholdings	508.7	129.8	303.8	52.0	23.1
Corporate income taxes	36.7	2.7	8.7	10.0	15.3
Other taxes, fines, and penalties	15.7	4.9	4.8	2.4	3.6
Total	<u>561.1</u>	<u>137.4</u>	<u>317.3</u>	<u>64.4</u>	<u>42.0</u>

Reconciliation of Tax Collections to Revenue for the Year Ended September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Total collections of federal tax revenue	5,248.4	4,846.2
Refunds of federal taxes and other payments	(561.1)	(666.6)
Individual and other tax credits	211.7	239.8
Federal Insurance Contributions Act - Tax	(20.2)	(18.6)
Federal Reserve earnings	3.1	0.6
Change in taxes receivable	(43.7)	(55.0)
Nontax-related fines and penalties reported by entities	124.5	102.9
Nontax-related earned revenue	<u>15.2</u>	<u>16.3</u>
Consolidated revenue per the Statement of Operations and Changes in Net Position	<u>4,977.9</u>	<u>4,465.6</u>

Consolidated revenue in the Statement of Operations and Changes in Net Position is presented on a modified cash basis, net of tax refunds, and includes other non-tax related revenue. Individual and other tax credits amounts are included in gross cost in the Statements of Net Cost. Refer to Note 3—Accounts Receivable, Net for further explanation of line changes in taxes receivable. The FICA – tax paid by federal entities is included in the individual income and tax withholdings line in the Collections of Federal Tax Revenue; however, it is not reported on the Statement of Operations and Changes in Net Position as these collections are intra-governmental revenue and eliminated in consolidation. The table above reconciles federal tax collections to total revenue.

Collections of Federal Tax Revenue for the Year Ended September 30, 2023

(In billions of dollars)	Federal Tax Revenue Collections	Tax Year to Which Collections Relate			
		2023	2022	2021	Prior Years
Individual income tax and tax withholdings	4,112.0	2,546.8	1,414.1	69.6	81.5
Corporate income taxes	457.0	270.3	155.5	4.9	26.3
Excise taxes	97.1	75.4	21.1	0.2	0.4
Unemployment taxes	47.3	39.0	8.1	-	0.2
Customs duties	85.1	78.0	7.1	-	-
Estate and gift taxes	35.4	1.3	29.9	2.1	2.1
Railroad retirement taxes	7.2	5.4	1.6	-	0.2
Fines, penalties, interest, and other revenue	5.5	5.4	0.1	-	-
Subtotal	<u>4,846.6</u>	<u>3,021.6</u>	<u>1,637.5</u>	<u>76.8</u>	<u>110.7</u>
Less: amounts collected for non-federal entities	(0.4)				
Total	<u>4,846.2</u>				

Federal Tax Refunds Disbursed and Other Payments for the Year Ended September 30, 2023

(In billions of dollars)	Refunds Disbursed	Tax Year to Which Refunds Relate			
		2023	2022	2021	Prior Years
Individual income tax and tax withholdings	611.0	100.0	302.6	160.6	47.8
Corporate income taxes	43.9	4.4	8.7	11.0	19.8
Other taxes, fines, and penalties	11.7	4.9	3.2	1.5	2.1
Total	<u>666.6</u>	<u>109.3</u>	<u>314.5</u>	<u>173.1</u>	<u>69.7</u>

Note 20. Commitments

Undelivered Orders and Other Commitments as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Undelivered Orders - Unpaid:		
Department of Defense	512.1	486.7
Department of Health and Human Services	248.8	240.2
Department of Transportation	194.3	176.4
Department of Education	177.4	211.0
Department of Homeland Security	107.9	98.9
Department of Housing and Urban Development	104.2	101.1
Department of Agriculture	100.5	95.0
Department of Energy	85.1	60.5
Environmental Protection Agency	71.7	36.8
Security Assistance Accounts	62.6	52.3
Department of the Treasury	46.6	23.5
All other entities	283.0	247.6
Total undelivered orders - unpaid	<u>1,994.2</u>	<u>1,830.0</u>
Other Commitments:		
GSE Senior Preferred Stock Purchase Agreements	254.1	254.1
U.S. participation in the International Monetary Fund	160.2	151.0
Callable capital subscriptions for Multilateral Development Banks	132.4	130.2
All other commitments	25.2	19.2
Total other commitments	<u>571.9</u>	<u>554.5</u>

Undelivered Orders - Unpaid

Undelivered orders, included in this note disclosure, represent the value of goods and services ordered that have not yet been received and that have not been prepaid. As of September 30, 2024, and 2023, the total reported unpaid undelivered orders were \$1,994.2 billion and \$1,830.0 billion, respectively. In FY 2024, Education had a \$33.6 billion decrease that was primarily due COVID-19 appropriations expiring, and new obligations not occurring. DOE had a \$24.6 billion increase that was primarily due to an increase in borrowing authority and funds being carried over from the previous year. EPA had a \$34.9 billion increase that was primarily due to the increase of obligations for the State and Tribal Assistance Grants. Treasury had a \$23.1 billion increase that is primarily attributable to new budget authority issued for the recently established Poverty Reduction and Growth Trust lending facility.

GSE Senior Preferred Stock Purchase Agreements

As of September 30, 2024, and 2023, the maximum remaining potential commitment to the GSEs for the remaining life of the SPSPAs was \$254.1 billion, which was established on December 31, 2012. Refer to Note 7—Investments in Government-Sponsored Enterprises for a full description of the SPSPAs related commitments and contingent liability, if any, as well as additional information.

U.S. Participation in the International Monetary Fund

The government participates in the IMF through a quota subscription and certain borrowing arrangements that supplement IMF resources. As of September 30, 2024, and 2023, the financial commitment under the U.S. quota and borrowing arrangements was \$160.2 billion and \$151.0 billion, respectively. Refer to Note 2—Cash and Other Monetary Assets and Note 27—Disclosure Entities and Related Parties for additional information regarding the U.S. participation in the IMF.

Callable Capital Subscriptions for Multilateral Development Banks

The government has callable subscriptions in certain MDB, which are international financial institutions that finance economic and social development projects in developing countries. Callable capital in the MDB serves as a supplemental pool of resources that may be redeemed and converted into ordinary paid in shares, if the MDB cannot otherwise meet certain obligations through its other available resources. MDB are able to use callable capital as backing to obtain favorable financing terms when borrowing from international capital markets. To date, there has never been a call on this capital at any MDB and none is anticipated. As of September 30, 2024, and 2023, the capital commitment to MDB was \$132.4 billion and \$130.2 billion, respectively.

Note 21. Contingencies

Loss contingencies are existing conditions, situations, or sets of circumstances involving uncertainty as to possible loss to an entity. The uncertainty will ultimately be resolved when one or more future events occur or fail to occur. The government is subject to loss contingencies related to:

- Legal and environmental and disposal;
- Insurance and guarantees; and
- Other Contingencies.

The government is involved in various litigation, including administrative proceedings, legal actions, and tort claims, which may ultimately result in settlements or decisions adverse to the government. In addition, the government is subject to loss contingencies for a variety of environmental cleanup costs for the storage and disposal of hazardous material as well as the operations and closures of facilities at which environmental contamination may be present. Refer to the Legal Contingencies and Environmental and Disposal Contingencies section of this note for additional information.

The government provides insurance and guarantees via a variety of programs. At the time an insurance policy or guarantee is issued, a contingency arises. The contingency is the risk of loss assumed by the insurer, that is, the risk of loss from events that may occur during the term of the policy. For additional information, refer to the Insurance and Guarantees sections of this note.

Other contingencies include those related to the government's establishment of construction budgets without receiving appropriations from Congress for such projects, appeals of Medicaid audit and program disallowances by the states, and potential draws by GSEs. The government is also a party to treaties and other international agreements. These treaties and other international agreements address various issues including, but not limited to, trade, commerce, security, and law enforcement that may involve financial obligations or give rise to possible exposure to losses. Estimated potential losses for legal claims related to treaties and international agreements are included in the Legal Contingencies and Environmental and Disposal Contingencies section of this note. For additional information on the government's other loss contingencies, refer to the Other Contingencies section of this note.

Financial Treatment of Loss Contingencies

The reporting of loss contingencies depends on the likelihood that a future event or events will confirm the loss or impairment of an asset or the incurrence of a liability and the likelihood of loss can range from probable to remote. SFFAS No. 5, *Accounting for Liabilities of the Federal Government*, identifies the probability classifications used to assess the range for the likelihood of loss as probable, reasonably possible, and remote. Loss contingencies where a past event or exchange transaction has occurred, and where a future outflow or other sacrifice of resources is assessed as probable and measurable, are accrued in the financial statements. Loss contingencies that are assessed to be at least reasonably possible are disclosed in this note, and loss contingencies that are assessed as remote are neither reported in the financial statements, nor disclosed in the notes. Federal entities account for loss contingencies based on the likelihood of loss and measurability criteria provided in the following table.²

² In addition, a third condition must be met to be a loss contingency: a past event or an exchange transaction must occur.

Likelihood of future outflow or sacrifice of resources	Loss amount can be reasonably measured	Loss range can be reasonably measured	Loss amount or range cannot be reasonably measured
Probable Future confirming event(s) is(are) more likely than not to occur. ³	Accrue the liability. Report on Balance Sheet and Statement of Net Cost.	Accrue liability of best estimate or minimum amount in loss range if there is no best estimate, and disclose nature of contingency and range of estimated liability.	Disclose nature of contingency and include a statement that an estimate cannot be made.
Reasonably possible Possibility of future confirming event(s) occurring is more than remote but less than probable.	Disclose nature of contingency and estimated amount.	Disclose nature of contingency and estimated loss range.	Disclose nature of contingency and include a statement that an estimate cannot be made.
Remote Possibility of future event(s) occurring is slight.	No action is required.	No action is required.	No action is required.

Loss contingencies arise in the normal course of operations and their ultimate disposition is unknown. Based on information currently available, however, it is management's opinion that the expected outcome of these matters, individually or in the aggregate, will not have a material adverse effect on the financial statements, except for the litigation and insurance described in the following sections, which could have a material adverse effect on the financial statements.

Certain significant consolidation entities apply financial accounting and reporting standards issued by FASB, and such entities, as permitted by SFFAS No. 47, *Reporting Entity*, are consolidated into the U.S. government's consolidated financial statements without conversion to financial and reporting standards issued by FASAB.⁴ Generally, under FASAB standards, a contingency is considered "probable" if the future event or events are more likely than not to occur. Under FASB standards, a contingency is considered "probable" if the future event or events are likely to occur. "Likely to occur" is considered to be more certain than "more likely than not to occur." Under both accounting frameworks, a contingency is considered "reasonably possible" if occurrence of the future event or events is more likely than remote, but less likely than "probable" ("probable" as defined within each corresponding accounting framework).

³ For pending or threatened litigation and unasserted claims, the future confirming event or events are considered "probable" if such events are likely to occur.

⁴ Significant consolidation entities that apply FASB standards without conversion to FASAB standards are FCSIC, FDIC, NRRIT, PBGC, Smithsonian, TVA, and USPS.

Legal Contingencies and Environmental and Disposal Contingencies

Legal Contingencies and Environmental and Disposal Contingencies as of September 30, 2024, and 2023						
(In billions of dollars)	2024			2023		
	Accrued Liabilities ¹	Estimated Range of Loss for Certain Cases ²		Accrued Liabilities ¹	Estimated Range of Loss for Certain Cases ²	
		Lower End	Upper End		Lower End	Upper End
Probable	51.9	51.7	67.6	55.9	55.4	66.3
Reasonably possible	N/A	23.9	125.1	N/A	10.6	107.4

¹ Accrued liabilities are recorded and presented in other liabilities on the Balance Sheet.
² Does not reflect the total range of loss; many cases assessed as reasonably possible of an unfavorable outcome did not include estimated losses that could be determined.

Note: "N/A" indicates not applicable.

Management and legal counsel have determined that it is “probable” that some legal actions, litigation, tort claims, and environmental and disposal contingencies will result in a loss to the government and the loss amounts are reasonably measurable. The estimated liabilities for “probable” cases against the government are \$51.9 billion and \$55.9 billion as of September 30, 2024, and 2023, respectively, and are included in “Other Liabilities” on the Balance Sheet. An example of a probable contingency that could result in a loss against the government for DOE and HHS is provided below.

DOE, in accordance with the NWPA, entered into more than 69 standard contracts with utilities in which, in return for payment of fees into the Nuclear Waste Fund, DOE agreed to begin disposal of SNF by January 31, 1998. Because DOE has no facility available to receive SNF under the NWPA, it has been unable to begin disposal of the utilities’ SNF as required by the contracts. Significant litigation claiming damages for partial breach of contract has ensued as a result of this delay. Based on settlement estimates, the estimated total liability as of September 30, 2024 is in a range between \$48.7 billion and \$55.6 billion. After deducting the cumulative amount paid of \$11.1 billion as of September 30, 2024 under these settlements, and as a result of final judgments, the remaining liability is estimated to be in the range of between \$37.6 billion and \$44.5 billion.

The U.S. Supreme Court 2012 decision in *Salazar v. Ramah Navajo Chapter*, and subsequent cases related to contract support costs have resulted in increased claims against the Indian Health Service, which is a component within HHS. As a result of this decision, many tribes have filed claims. Some claims have been paid and others have been asserted but not yet settled. It is expected that some tribes will file additional claims for prior years. The estimated amount recorded for contract support costs is \$6.7 billion in FY 2024 and \$6.4 billion in FY 2023.

There are also administrative claims and legal actions pending where adverse decisions are considered by management and legal counsel as “reasonably possible” with an estimate of potential loss or a range of potential loss. The estimated potential losses reported for such claims and actions range from \$23.9 billion to \$125.1 billion as of September 30, 2024, and from \$10.6 billion to \$107.4 billion as of September 30, 2023.

Numerous litigation cases are pending where the outcome is uncertain or it is reasonably possible that a loss has been incurred and where estimates cannot be made. There are other litigation cases where the plaintiffs have not made claims for specific dollar amounts, but the settlement may be significant. The ultimate resolution of these legal actions for which the potential loss could not be determined may materially affect the U.S. government’s financial position or operating results.

Insurance and Guarantees

As discussed in Note 1.N—Insurance and Guarantee Program Liabilities, certain consolidation entities with significant insurance and guarantee programs apply FASB standards, while other insurance programs are accounted for in the consolidated financial statements pursuant to FASAB standards. Please refer to Note 16—Insurance and Guarantee Program Liabilities for insurance and guarantee liabilities and Note 13—Federal Employee and Veteran Benefits Payable for insurance related to federal employee and veteran benefits.

Entities Reporting under FASB

PBGC, FCSIC, and FDIC are the main contributing consolidation entities with significant insurance or guarantee programs that apply FASB standards. Insurance in-force estimates and a discussion of PBGC's coverage are disclosed to provide an understanding of the magnitude of the programs. Current conditions indicate it is extremely unlikely that losses equal to the maximum risk exposure described below would be incurred.

PBGC insures the pension benefits, within statutory limits, of participants in covered single-employer and multiemployer defined benefit pension plans. ERISA requires that PBGC programs be self-financing. Accordingly, ERISA provides that the U.S. government is not liable for any obligation or liability incurred by PBGC. As of September 30, 2024, PBGC's single-employer and multiemployer pension insurance programs had \$146.1 billion and \$4.5 billion in total assets, respectively. In FY 2023, PBGC reported pension insurance program total assets for single-employer and multiemployer of \$130.9 billion and \$4.0 billion, respectively.

PBGC's two insurance programs, one for single-employer plans and one for multiemployer plans, are designed to protect a guaranteed amount of participants' pension benefits when plans fail. The single-employer program covered about 19.4 million people (excluding those in plans that PBGC has trustee) in FY 2024, down from about 20.6 million people in FY 2023, and the maximum guaranteed annual benefit for participants who are in a plan that terminated in FY 2024 and commence benefits at age 65 is \$85,295. The maximum guaranteed benefit for single-employer plan participants is determined by the year the retiree's plan terminated (if the plan terminated during the plan sponsor's bankruptcy, the year the sponsor entered bankruptcy) and the participant's age at the later of the date the sponsor entered bankruptcy or the date the participant begins collecting benefits. The number of covered ongoing plans at the end of FY 2024 was about 23,000.

The multiemployer program covers about 11.1 million participants in about 1,335 insured plans and the maximum guaranteed annual benefit is \$12,870 to a participant who worked for 30 years in jobs covered by the plan. The guaranteed annual benefit amount depends on the participant's years of service and the level of the benefit accruals. On March 11, 2021, the President signed into law the ARP. The ARP established a multiemployer SFA program resulting in a source of financing from the General Fund. PBGC receives appropriated SFA funds to disburse to multiemployer plans that meet certain criteria. Unlike traditional financial assistance where PBGC provides assistance to the multiemployer plans in the form of a loan, special financial assistance is provided via a transfer of funds with no obligation of repayment. No SFA transfers may be made after September 30, 2030. PBGC's FY 2023 Projection Report shows that the multiemployer program is likely to remain solvent for more than 40 years.

FCSIC insures the timely payment of principal and interest on Systemwide Debt Securities. Systemwide Debt Securities are the general unsecured joint and several obligations of the FCSB. Systemwide Debt Securities are not obligations of and are not guaranteed by the U.S. government. As stated in the Farm Credit *Quarterly Information Statement of the Farm Credit System*, outstanding Systemwide Debt Securities reported by the FCSB totaled \$431.9 billion and \$401.9 billion as of September 30, 2024, and 2023 respectively. The insurance provided by FCSIC is also not an obligation of and is not guaranteed by the U.S. government. Under current law, if FCSIC does not have sufficient funds to pay unpaid principal and interest on insured Systemwide Debt Securities, the FCSB will be required to make payments under joint and several liability. As of September 30, 2024, and 2023, FCSIC reported an Insurance Fund balance of \$7.8 billion and \$7.2 billion, respectively.

FDIC insures bank and savings association deposits, which exposes FDIC to various risks. FDIC has estimated total insured deposits of \$10,633.7 billion and \$10,592.6 billion as of September 30, 2024, and 2023, respectively, for the DIF.

The government also has insurance and guarantee contingencies that are reasonably possible in the amount of \$3.1 billion and \$26.4 billion as of September 30, 2024, and 2023, respectively. PBGC is the main contributing consolidation entity with reasonably possible insurance and guarantee contingencies.

PBGC reported \$2.8 billion and \$26.1 billion as of September 30, 2024, and 2023, respectively, for the estimated aggregate unfunded vested benefits exposure to PBGC for private-sector single-employer and multiemployer defined benefit pension plans that are classified with a reasonably possible exposure to loss.⁵ The decrease of \$23.1 billion from the reasonably possible exposure of \$25.7 billion in FY 2023 for the single-employer plans is primarily due to a change in the estimate as it relates to a change in methodology of the reasonably possible exposure.

Entities Reporting under FASAB

The total amount of coverage provided by an insurer as of the end of the reporting period is referred to as insurance in-force. Insurance in-force represents the maximum risk exposure for the corresponding program as of a given date. Insurance in-force is presented to provide the reader with a better understanding of the maximum risk exposure that is not considered a liability. It is extremely unlikely that losses equal to the maximum risk exposure would be incurred. The table below shows

⁵ The estimate of the reasonably possible exposure to loss for the single-employer plans was determined using a measurement date of September 30, 2024.

the estimate of insurance in-force for consolidation entities with significant insurance programs that apply FASAB standards in accordance with SFFAS No. 51, *Insurance Programs*.

Insurance In-force as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Ginnie Mae - HUD	2,642.6	2,472.8
National Credit Union Share Insurance Fund - NCUA	1,800.0	1,700.0
National Flood Insurance Program - DHS	1,278.3	1,281.9
Federal Crop Insurance - USDA	192.0	206.1

Ginnie Mae insures MBS and commitments, which exposes Ginnie Mae to various risks. Ginnie Mae's MBS program guarantees the timely payment of principal and interest on securities backed by pools of mortgage loans insured by FHA, Public and Indian Housing, and Rural Housing Service, or guaranteed by the VA. Accordingly, Ginnie Mae's credit risk related to outstanding MBS is greatly mitigated by guarantees discussed in Note 4—Loans Receivable, Net and Loan Guarantees.

NCUA operates and manages the NCUSIF, insuring the deposits of over 142.0 million account holders in all federal credit unions and the majority of state-chartered credit unions. NCUSIF insures the balance of each members' accounts, dollar-for-dollar, up to at least the standard maximum share insurance amount of \$250,000.

NFIP, managed by FEMA, is considered an exchange transaction insurance program and pays claims to policy holders who experience flood damage due to flooding within the NFIP rules and regulations. FEMA is authorized to secure reinsurance coverage from private reinsurance and capital markets to maintain the financial ability of the program to pay claims from major flooding events.

FEMA, a component of DHS, is authorized to borrow from Treasury up to \$30.4 billion to fund the payment of flood insurance claims and claims-related expenses of the NFIP. Amounts borrowed at any time are not predetermined, and authority is used only as needed to pay existing obligations for claims and expenses. Insurance premiums collected are used to pay insurance claims and to repay borrowings. As of September 30, 2024, and 2023, FEMA had drawn from Treasury \$20.5 billion, leaving \$9.9 billion available to be borrowed. Given the current premium rate structure, FEMA is not expected to be able to generate sufficient resources from premiums to pay its debt in full.

The FCIP, administered by USDA's FCIC, is considered a short-duration exchange transaction insurance program. The crop insurance policies insure against unexpected declines in yield and/or price due to natural causes. There were approximately 1.2 million crop insurance policies in force for crop years 2024 and 2023. The insurance policies are structured as a contract between approved insurance providers and producers, with the FCIC providing reinsurance to approved insurance providers. Crop insurance policies automatically renew each year unless producers cancel them by a published annual deadline. FCIC may request the Secretary of Agriculture to provide borrowing authority funds of the Commodity Credit Corporation if at any time the amounts in the insurance fund are insufficient to allow FCIC to carry out its duties. Even though the authority exists, FCIC did not request Commodity Credit Corporation funds in the reporting period. USDA has a permanent indefinite appropriation for the crop insurance program used to cover premium subsidy, delivery expenses, losses in excess of premiums, and research and delivery costs. FCIC has no outstanding borrowing as of September 30, 2024.

Please refer to the financial statements of the main contributing entities, HUD, NCUA, DHS, and USDA for additional information.

Congress originally enacted the *Terrorism Risk Insurance Act* in November 2002, to address market disruptions resulting from terrorist attacks on September 11, 2001. Most recently, the *Terrorism Risk Insurance Program Reauthorization Act of 2019* extended TRIP until December 31, 2027. The TRIP helps to ensure available and affordable commercial property and casualty insurance for terrorism risk, and simultaneously allows private markets to stabilize. There were no claims under TRIP as of September 30, 2024 or 2023.

Other Contingencies

DOT and Treasury reported the following other contingencies:

FHWA has a reasonably possible contingency due to their authority to approve projects using advance construction under 23 U.S.C. § 115(a) and 23 CFR 630.701-630.709. FHWA does not guarantee the ultimate funding to the states for these "advance construction" projects and, accordingly, does not obligate any funds for these projects. The state may submit

a written request to FHWA that a project be converted to a regular federal aid project at any time provided that sufficient federal aid funds and obligation authority are available. As of September 30, 2024, and 2023, FHWA has \$85.0 billion and \$75.4 billion, respectively, of advanced construction authorizations that could be converted to federal obligations subject to the availability of funds. These authorizations have not been recognized in the DOT consolidated financial statements.

Treasury has a contingency for future draws by the GSEs. There were no probable future draws accrued as of September 30, 2024, and 2023, and the total amount of reasonably possible future draws is not estimable as of September 30, 2024. Refer to Note 7—Investments in Government-Sponsored Enterprises for additional information.

Note 22. Funds from Dedicated Collections

Funds from Dedicated Collections as of September 30, 2024

(In billions of dollars)	Federal Old-Age and Survivors Insurance Trust Fund (Combined)	Federal Disability Insurance Trust Fund (Combined)	Federal Medicare Insurance Trust Funds (Part A, B, D) (Combined)	All Other Funds from Dedicated Collections (Combined)	Total Funds from Dedicated Collections (Combined) ¹	Funds from Dedicated Collections (Combined)	Total Funds from Dedicated Collections (Consolidated) ²
Assets:							
Cash and other monetary assets	-	-	-	193.1	193.1	-	193.1
Accounts receivable, net	2.8	2.9	23.1	28.0	56.8	-	56.8
Loans receivable, net	-	-	-	19.8	19.8	-	19.8
Inventory and related property, net	-	-	-	4.6	4.6	-	4.6
Property, plant and equipment, net	-	-	0.3	42.7	43.0	-	43.0
Investments	-	-	-	28.9	28.9	-	28.9
Advances and prepayments	-	-	-	13.3	13.3	-	13.3
Other assets ³	-	-	-	19.4	19.4	-	19.4
Investments in Treasury securities, net of unamortized premiums/discounts	2,582.2	177.8	399.4	385.8	3,545.2	-	3,545.2
Other federal assets	16.5	1.5	370.9	345.9	734.8	(239.9)	494.9
Total assets	2,601.5	182.2	793.7	1,081.5	4,658.9	(239.9)	4,419.0
Liabilities and net position:							
Accounts payable	-	-	0.2	5.6	5.8	-	5.8
Federal employee and veteran benefits payable	-	-	-	6.9	6.9	-	6.9
Environmental and disposal liabilities	-	-	-	30.3	30.3	-	30.3
Benefits due and payable	119.1	33.1	88.8	9.7	250.7	-	250.7
Insurance and guarantee program liabilities	-	-	-	9.7	9.7	-	9.7
Advances from others and deferred revenues	-	-	2.6	74.7	77.3	-	77.3
Other liabilities ³	-	-	4.3	229.8	234.1	-	234.1
Federal liabilities	6.6	0.7	110.6	218.3	336.2	(239.3)	96.9
Total liabilities	125.7	33.8	206.5	585.0	951.0	(239.3)	711.7

Funds from Dedicated Collections as of September 30, 2024, continued

(In billions of dollars)	Federal Old-Age and Survivors Insurance Trust Fund (Combined)	Federal Disability Insurance Trust Fund Fund (Combined)	Federal Medicare Insurance Trust Funds (Part A, B, D) (Combined)	All Other Funds from Dedicated Collections (Combined)	Total Funds from Dedicated Collections (Combined) ¹	Funds from Dedicated Collections Eliminations	Total Funds from Dedicated Collections (Consolidated) ²
Net position:							
Total net position	2,475.8	148.4	587.2	496.5	3,707.9	(0.6)	3,707.3
Total liabilities and net position	2,601.5	182.2	793.7	1,081.5	4,658.9	(239.9)	4,419.0
Change in net position:⁴							
Net position, beginning of period	2,574.2	116.1	575.4	494.8	3,760.5	-	3,760.5
Adjustments to beginning net position							
Changes in accounting principles	-	-	-	(0.1)	(0.1)	-	(0.1)
Beginning net position, adjusted	2,574.2	116.1	575.4	494.7	3,760.4	-	3,760.4
Individual income taxes and tax withholdings	1,096.9	186.3	394.7	0.1	1,678.0	-	1,678.0
Other taxes and miscellaneous earned revenue	-	-	0.3	130.2	130.5	-	130.5
Other changes in fund balance (e.g., appropriations, transfers)	43.0	(1.8)	493.0	(1.8)	532.4	(0.2)	532.2
Federal non-exchange revenue	63.7	5.0	10.6	43.4	122.7	(0.2)	122.5
Total financing sources	1,203.6	189.5	898.6	171.9	2,463.6	(0.4)	2,463.2
Program gross costs and non-program expenses	1,302.0	157.2	1,035.5	277.1	2,771.8	(0.8)	2,771.0
Less: program revenue	-	-	(148.7)	(107.0)	(255.7)	1.0	(254.7)
Net cost	1,302.0	157.2	886.8	170.1	2,516.1	0.2	2,516.3
Ending net position	2,475.8	148.4	587.2	496.5	3,707.9	(0.6)	3,707.3

¹ The combined presentation does not eliminate intra-entity balances or transactions between funds from dedicated collections held by the entity.

² The consolidated dedicated collections presentation eliminates balances and transactions between funds from dedicated collections held by the entity, but does not eliminate balances or transactions between funds from dedicated collections and funds from other than dedicated collections.

³ Other assets and other liabilities include multiple line items on the Balance Sheet.

⁴ By law, certain expenses (costs), revenues, and other financing sources related to the administration of the above funds are not charged to the funds and are therefore financed and/or credited to other sources.

Funds from Dedicated Collections as of September 30, 2023							
(In billions of dollars)	Federal Old-Age and Survivors Insurance Trust Fund (Combined)	Federal Disability Insurance Trust Fund (Combined)	Federal Medicare Insurance Trust Funds (Part A, B, D) (Combined)	All Other Funds from Dedicated Collections (Combined)	Total Funds from Dedicated Collections (Combined) ¹	Funds from Dedicated Collections (Combined) ¹	Total Funds from Dedicated Collections (Consolidated) ²
Assets:							
Cash and other monetary assets	-	-	-	180.6	180.6	-	180.6
Accounts receivable, net	2.3	2.8	24.6	24.7	54.4	-	54.4
Loans receivable, net	-	-	-	21.4	21.4	-	21.4
Inventory and related property, net	-	-	-	3.5	3.5	-	3.5
Property, plant and equipment, net	-	-	0.4	40.4	40.8	-	40.8
Investments	-	-	-	27.3	27.3	-	27.3
Advances and prepayments	-	-	45.1	11.3	56.4	-	56.4
Other assets ³	-	-	-	18.5	18.5	-	18.5
Investments in Treasury securities, net of unamortized premiums/discounts	2,673.8	142.9	353.9	391.5	3,562.1	-	3,562.1
Other federal assets	15.8	1.0	400.8	332.0	749.6	(247.6)	502.0
Total assets	2,691.9	146.7	824.8	1,051.2	4,714.6	(247.6)	4,467.0
Liabilities and net position:							
Accounts payable	-	-	0.2	6.2	6.4	-	6.4
Federal employee and veteran benefits payable	-	-	-	6.1	6.1	-	6.1
Environmental and disposal liabilities	-	-	-	26.0	26.0	-	26.0
Benefits due and payable	111.0	29.8	106.3	10.1	257.2	-	257.2
Insurance and guarantee program liabilities	-	-	-	5.2	5.2	-	5.2
Advances from others and deferred revenues	-	-	1.8	70.7	72.5	-	72.5
Other liabilities ³	-	-	10.4	219.7	230.1	-	230.1
Federal liabilities	6.7	0.8	130.7	212.4	350.6	(247.6)	103.0
Total liabilities	117.7	30.6	249.4	556.4	954.1	(247.6)	706.5

Funds from Dedicated Collections as of September 30, 2023, continued

(In billions of dollars)	Federal Old-Age and Survivors Insurance Trust Fund (Combined)	Federal Disability Insurance Trust Fund Fund (Combined)	Federal Medicare Insurance Trust Funds (Part A, B, D) (Combined)	All Other Funds from Dedicated Collections (Combined)	Total Funds from Dedicated Collections (Combined) ¹	Funds from Dedicated Collections (Eliminations)	Total Funds from Dedicated Collections (Consolidated) ²
Net position:							
Total net position	2,574.2	116.1	575.4	494.8	3,760.5	-	3,760.5
Total liabilities and net position	2,691.9	146.7	824.8	1,051.2	4,714.6	(247.6)	4,467.0
Change in net position:⁴							
Net position, beginning of period	2,636.2	93.2	499.4	467.6	3,696.4	-	3,696.4
Adjustments to beginning net position							
Changes in accounting principles	-	-	-	0.2	0.2	-	0.2
Beginning net position, adjusted	2,636.2	93.2	499.4	467.8	3,696.6	-	3,696.6
Individual income taxes and tax withholdings	1,039.0	176.5	375.1	0.1	1,590.7	-	1,590.7
Other taxes and miscellaneous earned revenue	-	-	0.4	134.0	134.4	-	134.4
Other changes in fund balance (e.g., appropriations, transfers)	41.0	(1.7)	564.8	6.9	611.0	-	611.0
Federal non-exchange revenue	62.7	3.5	-	39.8	106.0	-	106.0
Total financing sources	1,142.7	178.3	940.3	180.8	2,442.1	-	2,442.1
Program gross costs and non-program expenses	1,204.7	155.4	1,006.0	261.0	2,627.1	(0.9)	2,626.2
Less: program revenue	-	-	(141.7)	(107.2)	(248.9)	0.9	(248.0)
Net cost	1,204.7	155.4	864.3	153.8	2,378.2	-	2,378.2
Ending net position	2,574.2	116.1	575.4	494.8	3,760.5	-	3,760.5

¹ The combined presentation does not eliminate intra-entity balances or transactions between funds from dedicated collections held by the entity.

² The consolidated dedicated collections presentation eliminates balances and transactions between funds from dedicated collections held by the entity, but does not eliminate balances or transactions between funds from dedicated collections and funds from other than dedicated collections.

³ Other assets and other liabilities include multiple line items on the Balance Sheet.

⁴ By law, certain expenses (costs), revenues, and other financing sources related to the administration of the above funds are not charged to the funds and are therefore financed and/or credited to other sources.

Generally, funds from dedicated collections are financed by specifically identified revenues, often supplemented by other financing sources, provided to the government by non-federal sources, which remain available over time. These specifically identified revenues and other financing sources are required by statute to be used for designated activities, benefits, or purposes and must be accounted for separately from the government's general revenues. Funds from dedicated collections generally include trust funds, public enterprise revolving funds (not including credit reform financing funds), and special funds. Funds from dedicated collections specifically exclude any fund established to account for pensions, ORB, OPEB, or other benefits provided for federal employees (civilian and military). In the *Budget*, the term "trust fund" means only that the law requires a particular fund to be accounted for separately, used only for a specified purpose, and designated as a trust fund. A change in law may change the future receipts and the terms under which the fund's resources are spent. In the private sector, trust fund refers to funds of one party held and managed by a second party (the trustee) in a fiduciary capacity. The activity of funds from dedicated collections differs from fiduciary activities primarily in that assets within funds from dedicated collections are government-owned. For additional information related to fiduciary activities, see Note 23—Fiduciary Activities.

Public enterprise revolving funds include expenditure accounts authorized by law to be credited with offsetting collections, mostly from the public, that are generated by and dedicated to finance a continuing cycle of business-type operations. Some of the financing for these funds may be from appropriations.

Special funds are federal funds dedicated by law for a specific purpose. Special funds include the special fund receipt account and the special fund expenditure account.

Total assets represent the unexpended balance from all sources of receipts and amounts due to the funds from dedicated collections, regardless of source, including related governmental transactions. These are transactions between two different entities within the government or intradepartmental (for example, monies received by one entity of the government from another entity of the government).

The federal assets are comprised of fund balances with Treasury, investments in Treasury securities—including unamortized amounts, and other assets that include the related accrued interest receivable on federal investments. These amounts were excluded in preparing the principal financial statements. The non-federal assets include activity with individuals and organizations outside of the government.

Most of the assets within funds from dedicated collections are invested in intra-governmental debt holdings. The government does not set aside assets to pay future benefits or other expenditures associated with funds from dedicated collections. The cash receipts collected from the public for funds from dedicated collections are deposited in the General Fund, which uses the cash for general government purposes. Treasury securities are issued to federal entities as evidence of its receipts. Treasury securities are an asset to the federal entities and a liability to Treasury and, therefore, they do not represent an asset or a liability in the *Financial Report*. These securities require redemption if a fund's disbursements exceeds its receipts. Redeeming these securities will increase the government's financing needs and require more borrowing from the public (or less repayment of debt), or will result in higher taxes than otherwise would have been needed, or less spending on other programs than otherwise would have occurred, or some combination thereof. See Note 12—Federal Debt and Interest Payable for additional information related to the investments in federal debt securities.

Below is a description of the major funds from dedicated collections, which also identifies the government entities that administer each particular fund. For additional information regarding funds from dedicated collections, please refer to the financial statements of the corresponding administering entities. For additional information on the benefits due and payable liability associated with certain funds from dedicated collections, see Note 15—Benefits Due and Payable.

Federal Old-Age and Survivors Insurance Trust Fund

The OASI Trust Fund, administered by SSA, provides retirement and survivors benefits to qualified workers and their families.

Payroll and self-employment taxes primarily fund the OASI Trust Fund. Interest earnings on Treasury securities, federal entities' payments for the Social Security benefits earned by military and federal civilian employees, and Treasury payments for a portion of income taxes collected on Social Security benefits provide the fund with additional income. The law establishing the OASI Trust Fund and authorizing the depositing of amounts to the credit of the fund is set forth in 42 U.S.C. § 401.

Federal Disability Insurance Trust Fund

The DI Trust Fund, administered by SSA, provides assistance and protection against the loss of earnings due to a wage earner's disability in form of monetary payments.

Like the OASI Trust Fund, payroll taxes primarily fund the DI Trust Fund. The fund also receives income from interest earnings on Treasury securities, federal entities' payments for the Social Security benefits earned by military and federal civilian employees, and Treasury payments for a portion of income taxes collected on Social Security benefits. The law

establishing the DI Trust Fund and authorizing the depositing of amounts to the credit of the fund is set forth in 42 U.S.C. § 401.

Federal Medicare Insurance Trust Funds (Medicare Parts A, B, and D)

The HI Trust Fund, administered by HHS, finances Medicare Part A. This program funds the cost of inpatient hospital and related care for individuals age 65 or older who meet certain insured status requirements and individuals younger than age 65 with certain disabilities.

The HI Trust Fund is financed primarily by payroll taxes, including those paid by federal entities. It also receives income from interest earnings on Treasury securities, a portion of income taxes collected on Social Security benefits, premiums paid by, or on behalf of, aged uninsured beneficiaries, and receipts from fraud and abuse control activities. Section 1817 of the *Social Security Act* established the Medicare Hospital Trust Fund.

The SMI Trust Fund, administered by HHS, finances the Medicare Part B and the Medicare Prescription Drug Benefit Program (Medicare Part D). These programs provide SMI benefits for enrolled eligible participants to cover physician and outpatient services not covered by Medicare Part A and to obtain qualified prescription drug coverage, respectively. Medicare Part B financing is not based on payroll taxes; it is primarily based on monthly premiums, income from the General Fund, and interest earnings on Treasury securities. The Medicare SMI Trust Fund was established by Section 1841 of the *Social Security Act*.

Medicare Part D was created by the *Medicare Modernization Act of 2003* (P.L. 108-173). Medicare Part D financing is similar to Part B; it is primarily based on monthly premiums and income from the General Fund, not on payroll taxes. The fund also receives transfers from states.

All Other Funds from Dedicated Collections

The government is responsible for the management of numerous funds from dedicated collections that serve a wide variety of purposes. The funds from dedicated collections presented on an individual basis in the above tables represent the majority of the net position for funds from dedicated collections. All other activity attributable to funds from dedicated collections is aggregated in accordance with SFFAS No. 27, *Identifying and Reporting Funds from Dedicated Collections*, as amended by SFFAS No. 43, *Funds from Dedicated Collections: Amending Statement of Federal Financial Accounting Standards 27, Identifying and Reporting Earmarked Funds*. The main contributors to funds from dedicated collections within the “All Other Funds from Dedicated Collections” are the following:

- | | | |
|------------|-------|-------|
| • DOT | • DOD | • DOL |
| • DOC | • RRB | • EPA |
| • DOI | • DOE | |
| • Treasury | • HUD | |

In accordance with SFFAS No. 43, any funds established to account for pension, other retirement, or OPEB to civilian or military personnel are excluded from the reporting requirements related to funds from dedicated collections.

Note 23. Fiduciary Activities

Schedule of Fiduciary Net Assets as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Thrift Savings Plan	966.6	794.7
All other	15.6	14.6
Total fiduciary net assets	<u>982.2</u>	<u>809.3</u>

In accordance with the requirements of SFFAS No. 31, *Accounting for Fiduciary Activities*, fiduciary investments in Treasury securities and fund balance with Treasury held by fiduciary funds are to be recognized on the Balance Sheet as federal debt and interest payable and a liability for fiduciary fund balance with Treasury, respectively.

The total fiduciary investments in Treasury securities and in non-Treasury securities are \$303.6 billion and \$660.9 billion as of September 30, 2024, respectively. As of September 30, 2023, total fiduciary investments in Treasury securities and in non-Treasury securities were \$296.8 billion and \$496.5 billion, respectively. Refer to Note 12—Federal Debt and Interest Payable for more information on Treasury securities.

The total fiduciary fund balance with Treasury is \$2.1 billion and \$1.7 billion as of September 30, 2024, and 2023, respectively. A liability for this fiduciary fund balance with Treasury is reflected as other miscellaneous liabilities in Note 18—Other Liabilities.

Collectively, the fiduciary investments in Treasury securities and fiduciary fund balance with Treasury held by all government entities represent \$5.6 billion and \$5.1 billion as of September 30, 2024, and 2023, respectively, of unrestricted cash included within cash held by Treasury for government-wide operations shown in Note 2—Cash and Other Monetary Assets.

Thrift Savings Plan

The TSF maintains and holds in trust the assets of the TSP. The TSP is administered by an independent government entity, the FRTIB, which is charged with operating the TSP prudently and solely in the interest of the participants and their beneficiaries.

TSP is a retirement savings and investment plan for federal employees and members of the uniformed services. It was authorized by the Congress in the *Federal Employees' Retirement System Act of 1986*. The plan provides federal employees and members of the uniformed services with a savings and tax benefit like what many private sector employers offer their employees under 401(k) plans. This includes two fixed income funds, three stock funds and ten lifecycle funds. The plan was primarily designed to be a key part of the retirement package (along with a basic annuity benefit and Social Security) for employees who are covered by FERS.

As of September 30, 2024, and 2023, the TSP held \$966.6 billion and \$794.7 billion, respectively, in net assets, which included \$300.0 billion and \$293.4 billion, respectively, of nonmarketable Treasury securities. The TSF combines the net assets of the TSP and the FRTIB in its financial statements. Only the TSP net assets of the TSF financial statements are disclosed in this note. The most recent audited financial statements for the TSF are as of December 31, 2023, and 2022. For additional information about FRTIB, the TSP and the investment options of the TSP, please refer to the FRTIB website at <https://www.frtib.gov>.

All Other

All other activity attributable to fiduciary activities is aggregated in accordance with SFFAS No. 31. As of September 30, 2024, and 2023, a total of 14 and 21 federal entities, respectively, reported fiduciary activities with a grand total of 58 and 62 fiduciary funds, respectively. As of September 30, 2024, “all other” fiduciary net assets were \$15.6 billion, compared to \$14.6 billion as of September 30, 2023.

The entity with most of the fiduciary activities within “all other” is the DOI. DOI has a responsibility for the assets held in trust on behalf of American Indian Tribes and individuals. As of September 30, 2024, and 2023, the DOI held \$9.1 billion and \$9.0 billion, respectively, in net assets. The fiduciary balances that have accumulated in these funds resulted from land use agreements, royalties on natural resource depletion, other proceeds derived directly from trust resources, judgment awards, settlements of claims, and investment income.

Note 24. Long-Term Fiscal Projections

The SLTFP is prepared pursuant to SFFAS No. 36, *Comprehensive Long-Term Projections for the U.S. Government*. The financial statements, Note 24, and unaudited RSI provide information to aid readers of the *Financial Report* in assessing whether current policies for federal spending and taxation can be sustained and the extent to which the cost of public services received by current taxpayers will be shifted to future taxpayers. This assessment requires prospective information about receipts and spending, the resulting debt, and how these amounts relate to the size of the economy. A sustainable policy is defined in this report as one where the ratio of federal debt held by the public to GDP (the debt-to-GDP ratio) is ultimately stable or declining. The *Financial Report* does not address the sustainability of state and local government fiscal policy.

The projections and analysis presented here are extrapolations based on an array of assumptions described in detail below. A fundamental assumption is that current federal policy will not change. This assumption is made so as to inform the question of whether current fiscal policy is sustainable and, if it is not sustainable, the magnitude of needed reforms to make fiscal policy sustainable. The projections are therefore neither forecasts nor predictions. If policy changes are implemented, perhaps in response to projections like those presented here, then actual financial outcomes will be different than those projected. The methods and assumptions underlying the projections are subject to continuing refinement.

The projections focus on future cash flows, and do not reflect either the accrual basis or the modified-cash basis of accounting. These cash-based projections reflect receipts or spending at the time cash is received or when a payment is made by the government. In contrast, accrual-based projections would reflect amounts in the time period in which income is earned or when an expense or obligation is incurred. The cash basis accounting underlying the long-term fiscal projections is consistent with methods used to prepare the SOSI and the generally cash-based federal budget.

The SLTFP displays the PV of 75-year projections for various categories of the federal government's receipts and non-interest spending.⁶ The projections for FYs 2024 and 2023 are expressed in PV dollars and as a percent of the PV of GDP⁷ as of September 30, 2024 and September 30, 2023, respectively. The PV of a future amount, for example \$1.0 billion in October 2099, is the amount of money that if invested on September 30, 2024 in an account earning the government borrowing rate would have a value of \$1.0 billion in October 2099.⁸

The PV of a receipt or spending category over 75 years is the sum of the annual PV amounts. When expressing a receipt or spending category over 75 years as a percent of GDP, the PV dollar amount is divided by the PV of GDP over 75 years. Measuring receipts and spending as a percent of GDP is a useful indicator of the economy's capacity to sustain federal government programs.

Fiscal Projections

Receipt categories in the long-term fiscal projections include individual and corporation income taxes, Social Security and Medicare payroll taxes, and a residual category of "other receipts." Non-interest spending categories include discretionary spending that is funded through annual appropriations, such as spending for national security, and mandatory (entitlement) spending that is generally funded with permanent or multi-year appropriations, such as spending for Social Security and Medicare. This year's long-term fiscal projections for Social Security and Medicare are based on the same economic and demographic assumptions that underlie the 2024 SOSI, which is as of January 1, 2024. Accordingly, the economic and demographic assumptions used in the long-term fiscal projections of Social Security and Medicare are not adjusted for the more current near-term economic information after the time assumptions were set in December 2023. Projections for the other categories of receipts and spending are consistent with the economic and demographic assumptions in the Trustees Reports and include updates for actual budget results for FY 2024 or budgetary estimates from the President's FY 2025 Budget.⁹

The projections assume the continuance of current policy, which builds off current law, but can be different than current law in cases where lawmakers have in the past periodically changed the law in a consistent way. The specific assumptions that depart from current law and are used for the current policy basis of these projections are explained below.

⁶ For the purposes of this analysis, spending is defined in terms of outlays. In the context of federal budgeting, spending can either refer to budget authority – the authority to commit the government to make a payment; to obligations – binding agreements that will result in payments, either immediately or in the future; or to outlays – actual payments made.

⁷ GDP is a standard measure of the overall size of the economy and represents the total market value of all final goods and services produced domestically during a given period of time. The components of GDP are: private sector consumption and investment, government consumption and investment, and net exports (exports less imports). Equivalently, GDP is a measure of the gross income generated from domestic production over the same time period.

⁸ PVs recognize that a dollar paid or collected in the future is worth less than a dollar today because a dollar today could be invested and earn interest. To calculate a PV, future amounts are thus reduced using an assumed interest rate, and those reduced amounts are summed.

⁹ Social Security and Medicare Trustees Reports can be found at <https://www.ssa.gov/OACT/TR/>.

The projections shown in the SLTFP are made over a 75-year time frame, consistent with the time frame featured in the Social Security and Medicare Trustees Reports. However, these projections are for fiscal years starting on October 1, whereas the Trustees Reports feature calendar-year projections. Using fiscal years allows the projections to start from the actual budget results from FYs 2024 and 2023.

Changes in Long-Term Fiscal Projections

PV of 75-year projections	Trillions of \$	Percent of 75-Year PV of GDP
Receipts less non-interest spending as of September 30, 2023	(73.2)	(3.8) %
Components of change:		
Change in reporting period	(1.4)	- %
Change in model technical assumptions	(0.6)	- %
Change due to economic and demographic assumptions	4.8	0.3 %
Change due to program-specific actuarial assumptions	0.3	- %
Change due to updated budget data	(2.5)	(0.1) %
Total	0.5	0.2 %
Receipts less non-interest spending as of September 30, 2024	(72.7)	(3.6) %

Note: Totals may not equal the sum of components due to rounding. The 75-year PV of GDP is updated with the change in reporting period and change in economic and demographic assumptions.

This year's estimate of the 75-year PV imbalance of receipts less non-interest spending is 3.6 percent of the current 75-year PV of GDP, compared with 3.8 percent projected in last year's *Financial Report*.¹⁰ The above table reports the effects of various factors on the updated projections.

- The largest factor affecting the projections is the update of economic and demographic assumptions that decreases the fiscal imbalance by 0.3 percentage points (\$4.8 trillion). Contributing to this improvement in the imbalance are higher wages that increase receipts and higher GDP levels that reduce spending as a percentage of GDP. The 75-year PV of GDP for this year's projections is \$2,002.6 trillion, greater than last year's \$1,919.1 trillion.
- The second factor affecting the projections—increasing the imbalance as a share of the 75-year PV of GDP by 0.1 percentage points (\$2.5 trillion)—is the update for actual budget results for FY 2024 and baseline estimates published in the FY 2025 President's Budget. This deterioration in the fiscal position is largely a result of a higher 75-year PV of discretionary spending on non-defense programs due in part to adjustments to accord with FY 2024 appropriations. In addition, actual budget results for FY 2024 contribute to an increase in the fiscal imbalance by raising the 75-year PV of spending for Medicaid and mandatory spending on programs other than Social Security and Medicare. Partially offsetting those changes is a higher 75-year PV of individual income tax receipts, which represent a larger share of wages and salaries relative to the previous year's projections.
- The third largest factor affecting the projected imbalance is the change in reporting period—the effect of shifting calculations from 2024 through 2098 to 2025 through 2099. The update increases the imbalance of the 75-year PV of receipts less non-interest spending by \$1.4 trillion, which has a negligible effect as a share of the 75-year PV of GDP.
- The fourth largest factor affecting the projections is a technical update to the model's assumptions for growth in enrollees for health insurance marketplace subsidies. The technical update increases the 75-year fiscal imbalance by \$0.6 trillion and has a trivial impact on the projections as a share of the 75-year PV of GDP.
- The smallest factor affecting the projections is the effect of new Social Security, Medicare, and Medicaid program-specific actuarial assumptions, which decrease the fiscal imbalance by \$0.3 trillion and negligibly affect the imbalance as of the 75-year PV of GDP.¹¹

¹⁰ The fiscal imbalances reported in the long-term fiscal projections do not include the initial level of publicly held debt, which was \$28.2 trillion in 2024 and \$26.2 trillion in 2023, and, therefore, they do not by themselves answer the question of how large fiscal reforms must be to make fiscal policy sustainable. See "Sustainability and the Fiscal Gap" for additional discussion. More information on the projections in last year's *Financial Report* can be found in Note 24 to the financial statements here: <https://fiscal.treasury.gov/reports-statements/#>.

¹¹ For more information on Social Security and Medicare actuarial estimates, refer to Note 25—Social Insurance.

The net effect of the changes in the table above, equal to the penultimate row in the SLTFP, shows that this year's estimate of the overall 75-year PV of receipts less non-interest spending is negative 3.6 percent of the 75-year PV of GDP (negative \$72.7 trillion, as compared to a GDP of \$2,002.6 trillion). This imbalance can be broken down by funding source. Spending projections exceeded receipts by 2.2 percent of GDP (about \$43.6 trillion) among programs funded by the government's general revenues, and there is an imbalance of 1.5 percent of GDP (about \$29.0 trillion)¹² for the combination of Social Security (OASDI) and Medicare Part A, which under current law are funded with payroll taxes and not in any material respect with general revenues.^{13,14} By comparison, the FY 2023 projections showed that programs funded by the government's general revenues had an excess of spending over receipts of 2.2 percent of GDP (\$42.2 trillion) while the payroll tax-funded programs had an imbalance of spending over receipts of 1.6 percent of GDP (\$30.9 trillion).

Sustainability and the Fiscal Gap

This *Financial Report* presents data, including debt, as a percent of GDP to help readers assess whether current fiscal policy is sustainable. The debt-to-GDP ratio was approximately 98 percent at the end of FY 2024. As discussed further in the unaudited RSI, the projections based on this *Financial Report*'s assumptions indicate that current policy is not sustainable. If current policy is left unchanged, the projections show the debt-to-GDP ratio will be approximately 100 percent in 2025, rise to 200 percent by 2049 and reach 535 percent in 2099. Moreover, if the trends that underlie the 75-year projections were to continue, the debt-to-GDP ratio would continue to rise beyond the 75-year window.

The fiscal gap measures how much the primary surplus (receipts less non-interest spending) must increase in order for fiscal policy to achieve a target debt-to-GDP ratio in a particular future year. In these projections, the fiscal gap is estimated over a 75-year period, from 2025 to 2099, and the target debt-to-GDP ratio is equal to the ratio at the beginning of the projection period, in this case the estimated debt-to-GDP ratio at the end of FY 2024. The target year is the last year of the 75-year period (2099).

The 75-year fiscal gap under current policy is estimated at 4.3 percent of GDP, which is 22.5 percent of the 75-year PV of projected receipts and 19.0 percent of the 75-year PV of non-interest spending. This estimate of the fiscal gap is 0.1 percentage points lower than estimated in 2023 (4.5 percent of GDP).

The projections show that projected primary deficits average 3.6 percent of GDP over the next 75 years under current policy. If policies were put in place that would close the fiscal gap, the average primary surplus over the next 75 years would be 0.7 percent of GDP, 4.3 percentage points higher than the projected PV of receipts less non-interest spending shown in the SLTFP. In these projections, closing the fiscal gap requires running a positive level of primary surplus, rather than simply eliminating the primary deficit. The primary reason is that the projections assume future interest rates will exceed the growth rate of GDP. Achieving primary balance (that is, running a primary surplus of zero) implies that the debt held by the public grows each year by the amount of interest spending, which under these assumptions would result in debt growing faster than GDP.

¹² The 75-year PV imbalance for Social Security and Medicare Part A of \$29.0 trillion is comprised of several line items from the SLTFP – Social Security outlays net of Social Security payroll taxes (\$34.2 trillion) and Medicare Part A outlays net of Medicare payroll taxes (\$8.7 trillion) – as well as subcomponents of these programs not presented separately in the statement. These subcomponents include Social Security and Medicare Part A administrative costs that are classified as non-defense discretionary spending (\$0.7 trillion) and Social Security and Medicare Part A income other than payroll taxes: taxation of benefits (-\$12.5 trillion), federal employer share (-\$2.0 trillion), and other income (-\$0.1 trillion).

¹³ Social Security and Medicare Part A expenditures can exceed payroll tax revenues in any given year to the extent that there are sufficient balances in the respective trust funds; these balances derive from past excesses of payroll tax revenues over expenditures and interest earned on those balances and represent the amount the General Fund owes the respective trust fund programs. When spending does exceed payroll tax revenues, as has occurred each year since 2008 for Medicare Part A and 2010 for Social Security, the excess spending is financed first with interest due from the General Fund and secondly with a drawdown of the trust fund balance. Once the reserves in the trust funds are depleted, under current law benefits for Social Security and Medicare Part A can be paid only to the extent there are resources from dedicated income sources. In order for the long-term fiscal projections to reflect the full size of these programs' commitments to pay future benefits, the projections assume that all scheduled benefits will be financed with borrowing to the extent necessary after the trust funds are depleted.

¹⁴ The fiscal imbalances reported in the long-term fiscal projections are limited to future outlays and receipts. They do not include the initial level of publicly-held debt, \$28.2 trillion in 2024 and \$26.2 trillion in 2023, and therefore they do not by themselves answer the question of how large fiscal reforms must be to make fiscal policy sustainable, or how those reforms divide between reforms to Social Security and Medicare Part A and to other programs. Other things equal, past cash flows (primarily surpluses) for Social Security and Medicare Part A reduced federal debt at the end of 2024 by \$3.0 trillion (the trust fund balances at that time); the contribution of other programs to federal debt at the end of 2024 was therefore \$31.2 trillion. Similarly, because the \$29.0 trillion imbalance between outlays and receipts over the next 75 years for Social Security and Medicare Part A does not take account of the Social Security and Medicare Part A trust fund balances, it overstates the magnitude of reforms necessary to make Social Security and Medicare Part A solvent over 75 years by \$3.0 trillion. The \$3.0 trillion combined Social Security and Medicare Part A trust fund balance represents a claim on future general revenues.

Assumptions Used and Relationship to Other Financial Statements

A fundamental assumption underlying the projections is that current federal policy (defined below) does not change. The projections are therefore neither forecasts nor predictions, and do not consider large infrequent events such as natural disasters, military engagements, or economic crises. By definition, they do not build in future changes to policy. If policy changes are enacted, perhaps in response to projections like those presented here, then actual fiscal outcomes will be different than those projected.

Even if policy does not change, actual spending and receipts could differ materially from those projected here. Long-range projections are inherently uncertain and are necessarily based on simplifying assumptions. For example, one key simplifying assumption is that interest rates paid on debt held by the public do not vary with the amount of debt outstanding. To the contrary, it is likely that future interest rates would increase if the debt-to-GDP ratio rises as shown in these projections. To help illustrate this uncertainty, projections that assume higher and lower interest rates are presented in the “Alternative Scenarios” discussion in the unaudited RSI section of this *Financial Report*.

As is true for prior long-term fiscal projections for the *Financial Report*, the assumptions for GDP, interest rates, and other economic and demographic variables underlying this year’s projections are the same assumptions that underlie the most recent Social Security and Medicare Trustees Report projections, adjusted for historical revisions that occur annually. These assumptions differ from those in the President’s Budget in several key ways.¹⁵ For example, they extend for 75 years, rather than 25 years. Additionally, they assume extension of current policy whereas the economic assumptions in the President’s Budget assume full implementation of policy proposals reflected in the Budget. The use of discount factors consistent with the Social Security Trustees rate allows for consistent PV calculations over 75 years between the SLTFP and the SOSI.

The following bullets summarize the key assumptions used for the categories of receipts and spending presented in the SLTFP and the disclosures:

- **Social Security:** The projections of Social Security spending and Social Security payroll taxes are based on future spending and payroll taxes projected in the 2024 Social Security Trustees Report, adjusted for presentational differences, and converted to a fiscal year basis. Projected Social Security (OASDI) spending in the SLTFP excludes administrative expenses, which are classified as discretionary spending, and is based on the projected spending in the 2024 Social Security Trustees Report for benefits and for the Railroad Retirement interchange. Projected Social Security payroll taxes are adjusted to exclude the estimated federal employer share, which is classified in the SLTFP and federal budget as an offset to other mandatory spending. More information about the assumptions for Social Security cost growth can be found in Note 25 and the unaudited RSI discussion of Social Insurance.
- **Medicare:** Projected Medicare spending and Medicare Part A payroll taxes are based on Medicare spending and payroll taxes in the Medicare Trustees Report, adjusted for presentational differences and converted to a fiscal year basis. Medicare spending projections in the SLTFP exclude administrative expenses, which are classified as discretionary spending. Medicare Part A, B and D premiums, as well as state contributions to Part D, are subtracted from gross spending in measuring Part A, B and D spending, just as they are subtracted from gross cost to yield net cost in the financial statements.¹⁶ Here, as in the federal budget, premiums are treated as “negative spending” rather than receipts since they represent payment for a service rather than payments obtained through the government’s sovereign power to tax. This is similar to the financial statement treatment of premiums as “earned” revenue as distinct from all other sources of revenue, such as taxes. Projected Medicare Part A payroll taxes are adjusted to exclude the estimated federal employer share, which is classified in the SLTFP and federal budget as an offset to other mandatory spending. More information about the assumptions for Medicare cost growth can be found in Note 25 and the unaudited RSI discussion of Social Insurance. As discussed in Note 25, there is uncertainty about whether the reductions in health care cost growth assumed in the Medicare Trustees Report will be fully achieved. Note 25 illustrates this uncertainty by presenting an illustrative alternative scenario.
- **Medicaid:** The Medicaid spending projections start with NHE projections prepared by CMS’s Office of the Actuary, which were released in June 2024.¹⁷ These projections are based on recent trends in Medicaid spending and the demographic, economic, and health cost growth assumptions in the Medicare Trustees Report. The NHE projections, which end in 2032, are adjusted to accord with the actual Medicaid spending in FY 2024. After 2032, the number of beneficiaries is projected to grow at the same rate as total population. Medicaid cost per beneficiary after 2032 is assumed to transition over a four-year period to growth at the same rate as Medicare benefits per beneficiary. Between 1989 and 2019, the average annual growth rates of spending per beneficiary for Medicaid and

¹⁵ See the FY 2025 President’s Budget, Analytical Perspectives Volume, Chapter 3 “Long-Term Budget Outlook.”

¹⁶ Medicare Part A, B, and D premiums and state contributions to Part D are subtracted from gross Medicare spending to arrive at net Medicare spending displayed in the SLTFP. The total 75-year PV of these subtractions is \$21.6 trillion, or 1.1 percent of GDP.

¹⁷ NHE data are available at <https://www.cms.gov/data-research/statistics-trends-and-reports/national-health-expenditure-data>.

Medicare were within 0.7 percentage point of each other. Projections of Medicaid spending are subject to added uncertainty related to: 1) assumed reductions in health care cost growth discussed above in the context of Medicare; and 2) the projected size of the Medicaid enrolled population, which depends on a variety of factors, including future state actions regarding the PPACA Medicaid expansion.

- **Other Mandatory Spending:** Other mandatory spending includes federal employee retirement, veterans' disability benefits, and means-tested entitlements other than Medicaid. Current mandatory spending components that are judged permanent under current policy are assumed to increase by the rate of growth in nominal GDP starting in 2025, implying that such spending will remain constant as a percent of GDP.¹⁸ Projected spending for health insurance marketplace subsidies starting in 2025 grows with the NHE projected enrollment and per enrollee cost growth for direct purchase private health insurance over the NHE projection period (through 2032 for the FY 2024 projections). After 2032, marketplace subsidies grow with growth in the non-elderly population and with growth in per enrollee health care costs as projected for the Medicare program after that period. As noted above and discussed in Note 25, there is uncertainty about whether the reductions in health care cost growth projected in the Medicare Trustees Report will be fully achieved. Projected marketplace subsidy spending as a percent of GDP remains below the failsafe provision in the PPACA that limits the federal share of spending to 0.504 percent of GDP.
- **Defense and Non-defense Discretionary Spending:** Discretionary spending in 2025 follows the FRA (P.L. 118-5) caps with adjustments to accord with FY 2024 appropriations. Discretionary spending in 2025 also reflects previously enacted appropriations that are exempted from FRA caps. After 2025, discretionary spending grows with GDP. To illustrate sensitivity to different assumptions, PV calculations under alternative discretionary growth scenarios are presented in the unaudited "Alternative Scenarios" RSI section.
- **Receipts (Other than Social Security and Medicare Payroll Taxes):** Individual income taxes are based on the share of salaries and wages in the current law baseline projection in the FY 2025 President's Budget, and the salaries and wages projections in the Social Security 2024 Trustees Report. That baseline accords with the tendency of effective tax rates to increase as growth in income per capita outpaces inflation (also known as "bracket creep") and the expiration dates of individual income and estate and gift tax provisions of TCJA. Individual income taxes increase gradually from 21 percent of wages and salaries in 2025 to 30 percent of wages and salaries in 2099 as real taxable incomes rise over time and an increasing share of total income is taxed in the higher tax brackets. Through the first 10 years of the projections, corporation tax receipts as a percent of GDP reflect the economic and budget assumptions used in developing the FY 2025 President's Budget 10-year baseline budgetary estimates. After this time, corporation tax receipts grow at the same rate as nominal GDP. Other receipts also reflect the FY 2025 President's Budget baseline levels as a share of GDP throughout the budget window, and grow with GDP outside of the budget window. Corporation tax receipts fall from 1.6 percent of GDP in 2025 to 1.3 percent of GDP in 2034, where they stay for the remainder of the projection period. The ratio of other receipts, including excise taxes, estate and gift taxes, customs duties, and miscellaneous receipts, to GDP is estimated to increase from 1.0 percent in 2025 to 1.2 percent by 2030 where it remains through the projection period. To illustrate uncertainty, PV calculations under higher and lower receipts growth scenarios are presented in the "Alternative Scenarios" section.
- **Debt and Interest Spending:** Interest spending is determined by projected interest rates and the level of outstanding debt held by the public. The long-run interest rate assumptions accord with those in the 2024 Social Security Trustees Report.¹⁹ The average interest rate over this year's projection period is 4.5 percent, approximately the same as in the 2023 *Financial Report*. These rates are also used to convert future cash flows to PVs as of the start of FY 2025. Debt at the end of each year is projected by adding that year's deficit and other financing requirements to the debt at the end of the previous year.

Departures of Current Policy from Current Law

The long-term fiscal projections are made on the basis of current policy, which in some cases is assumed to be different from current law. The notable differences between current policy underlying the projections and current law are: 1) projected spending, receipts, and borrowing levels assume raising or suspending the current statutory limit on federal debt; 2) continued discretionary appropriations are assumed throughout the projection period; 3) scheduled Social Security and Medicare Part A benefit payments are assumed to occur beyond the projected point of trust fund depletion; and 4) many mandatory programs with expiration dates prior to the end of the 75-year projection period are assumed to be reauthorized. As is true in the Medicare Trustees Report and in the SOSI, the projections incorporate programmatic changes already

¹⁸ This assumed growth rate for other mandatory programs after 2025 is slightly higher than the average growth rate in the most recent OMB and Congressional Budget Office 10-year budget baselines.

¹⁹ See related interest rate discussion in Note 25 to the financial statements.

scheduled in law, such as the PPACA productivity adjustment for non-physician Medicare services and the expiration of certain physician bonus payments in 2025.

Note 25. Social Insurance

SOSI presents the projected actuarial PV of the estimated future revenue and estimated future expenditures of the Social Security, Medicare, Railroad Retirement, and Black Lung social insurance programs which are administered by the SSA, HHS, RRB, and DOL, respectively. Social Security and Medicare projections are based on current law and the Social Security and Medicare trustees intermediate set of assumptions, except that the projections assume full Social Security and Medicare Part A benefits are paid after fund depletion contrary to current law. See Note 29—Subsequent Events for additional information on the Social Security Fairness Act.

Contributions consist of: payroll, income, and excise taxes, premiums from, and state transfers on behalf of, participants in Medicare, and miscellaneous reimbursements from the General Fund. Generally, beneficiaries finance the remainder of Parts B and D costs via monthly premiums to these programs. With the introduction of Part D drug coverage, Medicaid is no longer the primary payer of drug costs for full-benefit dually eligible beneficiaries of Medicare and Medicaid. For those beneficiaries, states are subject to a contribution requirement and must pay a portion of their estimated foregone drug costs into the Part D account (referred to as state transfers). By accounting convention, the General Fund transfers are eliminated in the consolidation of the SOSI at the government-wide level. These General Fund transfers that are used to finance Medicare Parts B and D are also shown as eliminations on these calculations. For the FYs 2024 and 2023, the amounts eliminated totaled \$50.2 trillion and \$48.5 trillion, respectively.

The SOSI also includes projected general revenues that, under current law, would be used to finance the remainder of the expenditures in excess of revenues for Medicare Parts B and D that is reported in the SOSI. Expenditures include benefit payments scheduled under current law and administrative expenses. Once the reserves in the trust funds are depleted, under current law benefits for Social Security and Medicare Part A can be paid only to the extent there are resources from dedicated income sources. Social insurance programs utilize “trust funds” to account for dedicated collections held for later use to accomplish the program’s purpose. Expenditures reflect full benefit payments even after the point at which trust fund asset reserves are projected to be depleted. Refer to the unaudited RSI—Social Insurance section and SSA’s, HHS’s, RRB’s, and DOL’s financial statements for additional information on Social Security, Medicare, Railroad Retirement, and Black Lung program financing.

The estimates in the consolidated SOSI of the open group measures are for persons who are participants or eventually will participate in the programs as contributors (workers) or beneficiaries (retired workers, survivors, dependents, and disabled) during the 75-year projection period. The closed group comprises only current participants which are those who have attained age 15 at the start of the projection period. Actuarial PV of estimated future income (excluding interest) and estimated future expenditures for the Social Security and Medicare social insurance programs are presented for three different groups of participants: 1) current participants who have not yet attained eligibility age; 2) current participants who have attained eligibility age; and 3) new entrants, who are expected to become participants in the future. Current participants in the Social Security and Medicare programs are the closed group of taxpayers and/or beneficiaries who are aged at least 15 years at the start of the projection period. Future participants for Social Security and Medicare include those born during the projection period and individuals below age 15 as of January 1 of the valuation year. Railroad Retirement’s future participants are the projected new entrants as of October 1 of the valuation year.

The trust fund balances as of the valuation date for the respective programs, including interest earned, are shown in the table below.²⁰ The PV of estimated future expenditures in excess of estimated future revenue are calculated by subtracting the actuarial PV of future scheduled contributions as well as dedicated tax income by and on behalf of current and future participants from the actuarial PV of the future scheduled benefit payments to them or on their behalf. To determine a program’s funding shortfall over any given period of time, the starting trust fund balance is subtracted from the PV of expenditures in excess of revenues over the period. The portion of each trust fund not required to pay benefits and administrative costs is invested, on a daily basis, in interest-bearing obligations of the U.S. government. The *Social Security Act* authorizes the issuance by Treasury of special nonmarketable, intra-governmental debt obligations for purchase exclusively by the trust funds. Although the special issues cannot be bought or sold in the open market, they are redeemable at any time at face value and thus bear no risk of fluctuation in principal value due to changes in market yield rates. Interest on the bonds is credited to the trust funds and becomes an asset to the funds and a liability to the General Fund. These Treasury securities and related interest are eliminated in consolidation at the government-wide level. For additional information, see Note 22—Funds from Dedicated Collections.

²⁰ Trust fund balances for the Railroad Retirement and Black Lung programs are not included, as these balances are less than \$50.0 billion.

Social Insurance Programs Trust Fund Balances¹					
(In trillions of dollars)	2024	2023	2022	2021	2020
Social Security	2.8	2.8	2.9	2.9	2.9
Medicare	0.4	0.4	0.4	0.3	0.3

¹ As of the valuation date of the respective programs.

Medicare – Illustrative Alternative Scenario

The financial projections for the Medicare program reflect substantial, but very uncertain, cost savings deriving from current-law provisions that lowered increases in Medicare payment rates to most categories of health care providers. Certain features of current law may result in some challenges for the Medicare program. With the end of COVID-19 public health emergency, uncertainty related to the effects of the pandemic on the economy, demographics, and healthcare delivery has been significantly reduced. Uncertainty remains, however, regarding adherence to current-law payments updates, particularly in the long range. Payment rate updates for most non-physician categories of Medicare providers are reduced by the growth in economy-wide private nonfarm business total factor productivity although these health providers have historically achieved lower levels of productivity growth. Should payment rates prove to be inadequate for any service, beneficiaries' access to and the quality of Medicare benefits would deteriorate over time, or future legislation would need to be enacted that would likely increase program costs beyond those projected under current law. Please refer to the unaudited RSI—Social Insurance and HHS financial statements for additional information.

The illustrative alternative scenario projections below help to illustrate and quantify the magnitude of the potential cost understatement under current law. The difference between current-law and illustrative alternative scenario projections is substantial for Parts A and B. The illustrative alternative scenario projections for Parts A and B illustrate the impact that would occur if the payment updates that are affected by the productivity adjustments were to gradually transition from current law to the payment updates assumed for private health plans, the physician updates transition to the Medicare Economic Index, and the bonuses paid to qualified physicians in advance APM did not expire. The extent to which actual future Part A and Part B costs exceed the projected amounts due to changes to the productivity adjustments and physician updates depends on what specific changes might be legislated and whether Congress would pass further provisions to help offset such costs. This alternative was developed for illustrative purposes only and the calculations have not been audited.

Medicare Present Values (Unaudited)

(In trillions of dollars)	2024 Consolidated SOSI Current Law	Illustrative Alternative Scenario^{1,2}
Income:		
Part A	32.5	32.6
Part B ³	16.3	18.6
Part D ⁴	3.2	3.2
Total income	52.0	54.4
Expenditures:		
Part A	35.1	41.6
Part B	58.7	67.2
Part D	11.0	11.0
Total expenditures	104.8	119.8
Income less expenditures:		
Part A	(2.6)	(9.0)
Part B	(42.4)	(48.6)
Part D	(7.8)	(7.8)
Excess of expenditures over income	(52.8)	(65.4)

¹ These amounts are not presented in the current fiscal year Trustees Report.

² A set of illustrative alternative Medicare projections has been prepared under a hypothetical modification to current law. No endorsement of the illustrative alternative by the Trustees, CMS, or the Office of the Actuary should be inferred.

³ Excludes \$42.4 trillion and \$48.6 trillion of general revenue contributions from the 2024 Consolidated SOSI Current Law projection and the Illustrative Alternative Scenario's projection, respectively; i.e., to reflect Part B income on a consolidated government-wide basis.

⁴ Excludes \$7.8 trillion of general revenue contributions from both the 2024 Consolidated SOSI Current Law projection and the Illustrative Alternative Scenario's projection; i.e., to reflect Part D income on a consolidated government-wide basis.

Demographic and Economic Assumptions

Social Security and Medicare – Demographic and Economic Assumptions and Summary Measures									
	Demographic Assumptions								
	2024	2030	2040	2050	2060	2070	2080	2090	2100¹³
Total fertility rate ¹	1.7	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Age-sex adjusted death rate ²	784.1	735.3	676.9	624.6	578.2	537.2	500.6	468.1	438.9
Net annual immigration ³	1,809	1,349	1,293	1,260	1,244	1,230	1,221	1,216	1,214
Period life expectancy at birth - Male ⁴	76.4	77.2	78.3	79.3	80.3	81.3	82.1	83.0	83.7
Period life expectancy at birth - Female ⁴	81.3	82.0	83.0	83.8	84.6	85.4	86.1	86.8	87.4
Economic Assumptions (percent change)									
	2024	2030	2040	2050	2060	2070	2080	2090	2100¹³
	Real wage growth ⁵	1.0	1.9	1.2	1.1	1.1	1.1	1.1	1.1
Wages ⁶	3.8	4.3	3.6	3.5	3.6	3.6	3.6	3.6	3.5
CPI ⁷	2.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Real GDP ⁸	1.7	2.0	1.9	1.9	1.9	1.8	1.9	2.0	1.9
Total employment ⁹	0.5	0.4	0.3	0.4	0.3	0.2	0.3	0.4	0.3
Avg. annual interest rate (percent) ¹⁰	4.6	4.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Real interest rate (percent) ¹¹	1.4	1.7	2.2	2.3	2.3	2.3	2.3	2.3	-
Per beneficiary cost - HI ¹²	2.2 ^{14,15}	5.0	4.3	3.4	3.4	3.4	3.4	3.5	-
Per beneficiary cost - SMI Part B ¹²	3.7 ^{15,16}	6.0	5.1	3.8	3.8	3.5	3.7	3.7	-
Per beneficiary cost - SMI Part D ¹²	9.3 ¹⁶	1.6	2.9	4.1	4.0	3.8	3.9	3.9	-

¹ Average number of children per woman.
² The age-sex-adjusted death rate per 100,000 that would occur in the enumerated population as of April 1, 2010, if that population were to experience the death rates by age and sex observed in, or assumed for, the selected year.
³ Includes legal immigration, net of emigration, as well as other, non-legal, immigration per thousand of persons.
⁴ Summary measure of average number of years expected prior to death for a person born on January 1 in that year, using the mortality rates for that year over the course of his or her remaining life. (Social Security)
⁵ Difference between percentage increases in wages and the CPI.
⁶ Average annual wage in covered employment.
⁷ CPI represents a measure of the average change in prices over time in a fixed group of goods and services.
⁸ Total dollar value of all goods and services produced in the U.S., adjusted to remove the impact of assumed inflation growth.
⁹ Summary measure of average weekly U.S. civilian employment and U.S. Armed Forces. (Social Security)
¹⁰ The average of the nominal interest rates, compounded semi-annually, for special public-debt obligations issuable monthly.
¹¹ Average rate of interest earned on new trust fund securities, above and beyond rate of inflation. (Medicare)
¹² These increases reflect the overall impact of more detailed assumptions that are made for each of the different type of services provided by the Medicare program. These assumptions include changes in the payment rates, utilization, and intensity of each type of services. (Medicare)
¹³ The valuation period used for the 2024 Statement of Social Insurance extends to 2098. (Social Security) Medicare did not report assumptions for 2100.
¹⁴ Reflects policy change to exclude medical education expenses associated with Medicare Advantage enrollees from the fee-for-service per capita costs used in development of Medicare Advantage spending.
¹⁵ Reflects lower spending for hospital and home health agency services.
¹⁶ Reflects IRA of 2022.

The Boards of Trustees²¹ of the Social Security and Medicare Trust Funds provide in their annual reports to Congress short-range (10-year) and long-range (75-year) actuarial estimates of each trust fund. Significant uncertainty surrounds the estimates, especially for a period as long as 75 years. To illustrate the range of uncertainty, the Trustees use three alternative scenarios (low-cost, intermediate, and high-cost) that use specific assumptions. These assumptions include fertility rates, rates of change in mortality, LPR and other than LPR immigration levels, emigration levels, changes in real GDP, changes in the CPI, changes in average real wages, unemployment rates, trust fund real yield rates, and disability incidence and recovery rates. The assumptions used for the most recent set of projections shown above in the Social Security and Medicare demographic and economic assumption table are generally referred to as the “intermediate assumptions,” and reflect the Trustees reasonable estimate of expected future experience. For additional information on Social Security and Medicare demographic and economic assumptions, refer to SSA’s and HHS’s financial statements.

The RRB’s estimated future revenues and expenditures reflected in the SOSI are based on various economic, employment, and other actuarial assumptions, and assume that the program will continue as presently constructed. For further details on actuarial assumptions related to the program and how these assumptions affect amounts presented on the SOSI and SCSIA, consult the Technical Supplement to the *29th Actuarial Valuation of the Assets and Liabilities Under the Railroad Retirement Acts as of December 31, 2022 with Technical Supplement*, which also serves as the *2024 Annual Report of the Railroad Retirement System required by Section 502 of the Railroad Retirement Solvency Act of 1983* (P.L. 98-76), and RRB’s financial statements.

The BLDBP significant assumptions used in the projections are the coal excise tax revenue estimates, the tax rate structure, the number of beneficiaries, life expectancy, federal civilian pay raises, medical cost inflation, and the interest rates used to discount future cash flows.

Statement of Changes in Social Insurance Amounts

The SCSIA reconciles the change (between the current valuation and the prior valuation) in the PV of estimated future revenue less estimated future expenditures for current and future participants (the open group measure) over the next 75 years (except Black Lung which has a rolling 25-year projection period). The reconciliation identifies several components of the changes that are significant and provides reasons for the changes. The following disclosures relate to the SCSIA including the reasons for the components of the changes in the open group measure during the reporting period from the end of the previous reporting period for the government’s social insurance programs.

All estimates relating to the Social Security and Medicare Programs in the SCSIA represent values that are incremental to the prior change. In general, a decrease in the PV of future net cash outflows represents a positive change (improving financing), while an increase in the PV of future net cash outflows represents a negative change (worsening financing). For additional information regarding the estimates used to prepare the SCSIA, see SSA’s, HHS’s, RRB’s, and DOL’s financial statements.

Assumptions Used for the Components of the Changes

The PV included in the SCSIA are for the current and prior years and are based on various economic as well as demographic assumptions used for the intermediate assumptions in the Social Security and Medicare Trustees Report for these years. The Social Security and Medicare – Demographic and Economic Assumptions table summarizes these assumptions for the current year. This year’s SOSI projections for Social Security and Medicare, which are as of January 1, 2024, are based on the same demographic and economic assumptions that underlie the 2024 Social Security and Medicare Trustees Report. The 2024 SOSI projections are not adjusted for the more current near-term economic information after the time assumptions were set in December 2023.

PV as of January 1, 2023 and January 1, 2022 are calculated using interest rates from the intermediate assumption of the 2023 and 2022 Trustees Reports, respectively. All other PV in this part of the SCSIA are calculated as a PV as of January 1, 2024 and January 1, 2023, respectively.

For the period beginning on January 1, 2023 to the period beginning on January 1, 2024 (current year) and period beginning on January 1, 2022 to the period beginning on January 1, 2023 (prior year) estimates of the PV of Social Security and Medicare changes in social insurance amounts due to changing the valuation period, projection base, demographic data and assumptions, methods, and law are presented using the interest rates under the intermediate assumption of the 2023 and 2022 Trustees Report, respectively. Since interest rates are an economic estimate and all estimates in the table are

²¹ The boards are composed of six members. Four members serve by virtue of their positions in the federal government: the Secretary of the Treasury, who is the Managing Trustee; the Secretary of Labor; the Secretary of HHS; and the Commissioner of Social Security. The President appoints and the Senate confirms the other two members to serve as public representatives. These two positions are currently vacant.

incremental to the prior change, the estimates of the PV of changes in economic and health care assumptions and all other PV in this part of the SCSIA are calculated using the interest rates under the intermediate assumptions of the 2024 and 2023 Trustees Reports, respectively. The PV of estimated future expenditures in excess of estimated future revenue represents net cash outflows.

Changes in Valuation Period

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

The effect on the 75-year PV of changing the valuation period from the prior valuation period (2023-2097) to the current valuation period (2024-2098) is measured by using the assumptions for the prior valuation and extending them to cover the current valuation. Changing the valuation period removes a small negative estimated net cash flow for 2023, replaces it with much larger negative estimated cash flow for 2098, and measures the PV as of January 1, 2024, one year later. As a result, the PV of the estimated future net cash outflows increased by \$0.8 trillion and \$1.5 trillion for Social Security and Medicare, respectively.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

The effect on the 75-year PV of changing the valuation period from the prior valuation period (2022-2096) to the current valuation period (2023-2097) is measured by using the assumptions for the prior valuation and extending them to cover the current valuation. Changing the valuation period removes a small negative estimated net cash flow for 2022, replaces it with a much larger negative estimated net cash flow for 2097, and measures the PV as of January 1, 2023, one year later. As a result, the PV of the estimated future net cash outflows increased by \$0.7 trillion and \$1.3 trillion for Social Security and Medicare, respectively.

Changes in Demographic Data, Assumptions, and Methods

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

For the current valuation (beginning on January 1, 2024), there was one change to the ultimate demographic assumptions.

- The ultimate TFR was lowered from 2.0 children per woman to 1.9 children per woman, and at the same time, the year the ultimate TFR is reached was changed from 2056 to 2040.

This change to the TFR assumption increased the PV of estimated future net cash outflows. In addition to this change to the ultimate demographic assumptions, the starting demographic values, and the way these values transition to the ultimate assumptions were changed. The most significant changes are identified below.

- Final birth rate data for calendar year 2022 and preliminary data for 2023 indicated slightly lower birth rates than were assumed in the prior valuation, leading to slightly lower assumed birth rates during the period of transition to the ultimate level.
- Updates to near-term mortality assumptions to better reflect the effects of the COVID-19 pandemic led to an increase in death rates through 2024 compared to the prior valuation.
- Mortality data, historical population data, other-than-LPR immigration data, and divorce data were updated since the prior valuation.

There was one notable change in demographic methodology. The method for projecting fertility rates during the transition period to the ultimate rate was modified to produce more reasonable paths to the ultimate assumed rates by age group than had been previously used. This change increased the PV of the estimated future net cash outflows.

Overall, changes in demographic data, assumptions, and methods caused the PV of the estimated future net cash outflows to increase by \$1.2 trillion and \$1.1 trillion for Social Security and Medicare, respectively.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

For the current valuation (beginning on January 1, 2023), the ultimate demographic assumptions are the same as those for the prior valuation. However, the starting demographic values and the way these values transition to the ultimate assumptions were changed.

- Projected birth rates through 2055, during the period of transition to the ultimate level, were slightly lower than in the prior valuation.
- Updates to near-term mortality assumptions to better reflect the effects of the COVID-19 pandemic led to an increase in death rates through 2024 compared to the prior valuation.
- Historical population data, other-than-LPR immigration data, and marriage and divorce data were updated since the prior valuation.

There was one notable change in demographic methodology. The method for projecting the age distributions of LPR new arrival and adjustment-of-status immigrants was updated reflecting recent data showing a slightly older population at the time of attaining LPR status than had previously been estimated. This change increased the PV of the estimated future net cash outflows.

Overall, changes in demographic data, assumptions, and methods caused the PV of the estimated future net cash outflows to increase by \$0.1 trillion for both Social Security and Medicare.

Changes in Economic Data, Assumptions, and Methods (Social Security Only)

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

For the current valuation (beginning of January 1, 2024), the ultimate economic assumptions are the same as those for the prior valuation. However, the starting economic values and the way these values transition to the ultimate assumptions were changed. The most significant changes are identified below.

- An update to educational attainment data caused a change in labor force participation rates at ages 55 and older for men and 50 and older for women.
- Historical OASDI covered employment for 2021 was higher than assumed under the prior valuation. Specifically, covered employment for 2021 was significantly higher than previously estimated at the youngest and oldest working ages, and lower for men at early prime working ages.
- Economic growth through 2023 was higher than assumed under the prior valuation, which led to a higher assumed level of labor productivity over the projection period.

All three of these changes decreased the PV of the estimated future net cash outflows. Overall, changes to economic data, assumptions, and methods caused the PV of the estimated future net cash outflows to decrease by \$0.4 trillion for Social Security.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

For the current valuation (beginning on January 1, 2023), there was one change to the ultimate economic assumptions.

- The annual percentage change in the average OASDI covered wage, adjusted for inflation, is assumed to average 1.14 percentage points over the last 65 years of the 75-year projection period. This is 0.02 percentage point higher than the value assumed for the prior valuation.

This change to the wage growth assumptions decreased the PV of estimated future net cash outflows. In addition to this change to the ultimate economic assumptions, the starting economic values, and the way these values transition to the ultimate assumptions were changed. The most significant changes are identified below.

- The levels of GDP and labor productivity are assumed to be about 3.0 percent lower by 2026 and for all years thereafter relative to the prior valuation.
- The assumed real interest rates over the first 10 years of the projection period are generally higher than those assumed for the prior valuation.

The changes to the GDP and productivity levels increased the PV of the estimated future net cash outflows, while the change to near-term real interest rates decreased the PV of the estimated future net cash outflows.

There was one notable change in economic methodology. The method for estimating the level of OASDI taxable wages for historical year 2000-21 was improved by adopting a more consistent approach for estimating completed values across various types of wages. This change decreased the PV of the estimated future net cash outflows. Overall, changes to economic data, assumptions, and methods caused the PV of the estimated future net cash outflows to increase by \$0.8 trillion for Social Security.

Changes in Law or Policy

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

The monetary effect of the changes in law or policy on the PV of estimated future net cash flows of the OASDI and Medicare programs was not significant at the consolidated level. Please refer to SSA's and HHS's financial statements for additional information related to the impact of the changes in law or policy on the PV of estimated future net cash flows of the OASDI and Medicare programs.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

For Social Security, between prior valuation (beginning on January 1, 2022) and the current valuation (beginning January 1, 2023), no notable changes in law or policy are expected to have a significant effect on the long-range cost of OASDI program.

Most of the provisions enacted as part of the Medicare legislation since prior valuation date had little or no impact on the program. The following provisions did have a financial impact.

- The *Postal Service Reform Act of 2022* (P.L. 117-108, enacted on April 6, 2022) included one provision that affects Parts B and D of the SMI program.
- The *IRA of 2022* (P.L. 117-169, enacted on August 16, 2022) included provisions that affect the SMI programs.
- The *Continuing Appropriations and Ukraine Supplemental Appropriations Act, 2023* (P.L. 117-180, enacted on September 30, 2022) included provisions that affect the HI and SMI programs.
- The *Further Continuing Appropriations and Extensions Act, 2023* (P.L. 117-229, enacted on December 16, 2022) included provisions that affect the HI and SMI programs.
- The *CAA, 2023* (P.L. 117-328, enacted on December 29, 2022) included provisions that affect the HI and SMI programs.

Overall, the changes to these laws, regulations, and policies caused the PV of the estimated future net cash outflows to decrease by \$1.1 trillion for Medicare.

Changes in Methodology and Programmatic Data (Social Security Only)

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

Several methodological improvements and updates of program-specific data are included in the current valuation (beginning on January 1, 2024). The most significant are identified below.

- The ultimate disability incidence rate was lowered from 4.8 per thousand exposed to 4.5 per thousand exposed.
- The long-range model used to project the number of insured workers was modified to improve the alignment of simulated fully insured rates with historical fully insured rates.
- Recent data and estimates provided by the Office of Tax Analysis at Treasury indicate higher near-term and ultimate levels of revenue from income taxation of OASDI benefits than projected in the prior valuation.
- As in the prior valuation, the current valuation uses a 10.0 percent sample of all newly entitled worker beneficiaries in recent year to project average benefit levels of retired-worker and disabled-worker beneficiaries. Updates were made to data and the methodology for projecting average benefit levels for women was improved.
- Updates were made to the post-entitlement benefit adjustment factors. These factors are used to account for changes in benefit levels, primarily due to differential mortality by benefit level and earnings after benefit entitlement.

Overall, changes to programmatic data and methods caused the PV of estimated future net cash outflows to decrease by \$1.4 trillion for Social Security.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

Several methodological improvements and updates of program-specific data are included in the current valuation (beginning on January 1, 2023). The most significant are identified below.

- Actual disability data for 2022 and slightly lower-near term disability incidence rate assumptions were incorporated.
- The current valuation uses a 10.0 percent sample of all newly entitled worker beneficiaries in 2019 to project average benefit levels of retired-worker and disabled-worker beneficiaries.
- Updates were made to the post-entitlement benefit adjustment factors. These factors are used to account for changes in benefit levels, primarily due to differential mortality by benefit level and earnings after benefit entitlement.

Overall, changes to programmatic data and methods caused the PV of estimated future net cash outflows to increase by \$0.3 trillion for Social Security.

Changes in Economic and Health Care Assumptions (Medicare Only)

From the period beginning on January 1, 2023 to the period beginning on January 1, 2024

The economic assumptions used in the Medicare projections are the same as those used for the Social Security program shown above while the health care assumptions are specific to the Medicare projections. The following health care assumptions were changes in the current valuation.

- Lower Part A projected spending growth due to a policy change to exclude medical education expenses associated with Medicare Advantage enrollees from the fee-for-service per capita costs used in the development of Medicare Advantage spending, and lower projected spending for hospital and home health agency services.
- Lower Part D growth mainly beyond the short-range period.

Overall, these changes decreased the PV of the estimated future net cash outflows by \$2.7 trillion for Medicare.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

The economic assumptions used in the Medicare projections are the same as those for the Social Security programs shown above while the health care assumptions are specific to the Medicare projections. The following health care assumptions were changed in the current valuation.

- Lower projected spending growth because of anticipated effect of negotiating drug prices and other prices growth constraints.

Overall, these changes increased the PV of estimated future net cash outflows by \$2.6 trillion for Medicare.

Change in Projection Base (Medicare Only)**From the period beginning on January 1, 2023 to the period beginning on January 1, 2024**

Actual income and expenditures in 2023 were different from what was anticipated when the 2023 Trustees Report projections were prepared. Part A income was higher and expenditures were lower than estimated based on actual experience. For Part B and Part D income and expenditures were both higher than estimated based on actual experience. Actual experience of the Medicare Trust Funds between January 1, 2023, and January 1, 2024, is incorporated in the current valuation and is less than projected in the prior valuation. Overall, the net impact of Part A, B, and D projection base change is a decrease in the estimated future net cash outflows by \$0.2 trillion for Medicare.

From the period beginning on January 1, 2022 to the period beginning on January 1, 2023

Actual income and expenditures in 2022 were different from what was anticipated when the 2022 Trustees Report projections were prepared. For Part A and Part B income and expenditures were lower than estimated based on experience. Part D income and expenditures were higher than estimated based on actual experience. Actual experience of the Medicare Trust Funds between January 1, 2022, and January 1, 2023, is incorporated in the current valuation and is less than projected in the prior valuation. Overall, the net impact of Part A, B, and D projection base change is a decrease in the estimated future net cash outflows by \$2.3 trillion for Medicare.

Note 26. Stewardship Property, Plant, and Equipment

Stewardship PP&E consists of items whose physical properties resemble those of PP&E traditionally capitalized in financial statements. However, stewardship PP&E differs from traditional PP&E in that their values may be indeterminable or may have little meaning (e.g., museum collections, monuments, assets acquired in the formation of the nation) or that allocating the cost of such assets to accounting periods that benefit from the ownership of such assets is meaningless. Stewardship PP&E includes stewardship land (land not acquired for or in connection with PP&E) and heritage assets (e.g., federal monuments and memorials and historically or culturally significant property).

Stewardship land is land and land rights owned by the federal government intended to be held indefinitely. The majority of stewardship land was acquired by the government during the first century of the nation's existence. Examples of stewardship land include land reserved, managed, planned, used, or acquired for forests and parks, recreation and conservation, wildlife and grazing, historical landmarks, multiple purpose ancillary revenue generating activities, and/or buffer zones. "Land" is defined as the solid part of the surface of the earth. Excluded from the definition are the natural resources (that is, depletable resources, such as mineral deposits and petroleum; renewable resources, such as timber; and the outer-continental shelf resources) related to land.

Additional information concerning stewardship land, such as entity stewardship policies, physical units by major categories, and the condition of stewardship land, can be obtained from the financial statements of DHS, DOC, DOD, DOE, DOI, DOT, EPA, HHS, TVA, USDA, and VA. Please refer to Land and Permanent Land Rights located in the unaudited RSI for information concerning the federal estimated acreage.

Heritage assets are government-owned assets that have one or more of the following characteristics: historical or natural significance; cultural, educational, or artistic importance; or significant architectural characteristics. Entities provide protection and preservation services to maintain all heritage assets in the best possible condition as part of America's history. Examples of heritage assets include the Declaration of Independence, the U.S. Constitution, and the Bill of Rights preserved by the National Archives. Heritage assets are classified into two categories: collection and non-collection. Collection type heritage assets include objects gathered and maintained for exhibition, for example, museum collections, art collections, and library collections. Non-collection type heritage assets include parks, memorials, monuments, and buildings. In some cases, heritage assets may serve two purposes: a heritage function and general government operations. In those cases, the heritage asset should be considered a multi-use heritage asset if the predominant use of the asset is in general government operations (e.g., the main Treasury building used as an office building). The cost of acquisition, improvement, reconstruction, or renovation of multi-use heritage assets is capitalized as PP&E and depreciated over its estimated useful life.

Additional information concerning other significant heritage assets, multi-use heritage assets, component federal entity stewardship policies for heritage assets, physical units by major categories of heritage assets, and the condition of heritage assets, can be obtained from the financial statements of DHS, DOC, DOD, DOE, DOI, DOT, GSA, NASA, State, Treasury, USDA, and VA. Please refer to DM&R located in the unaudited RSI for information concerning estimated maintenance and repair costs.

Note 27. Disclosure Entities and Related Parties

SFFAS No. 47, *Reporting Entity* provides criteria for identifying organizations that are consolidation entities, disclosure entities, and related parties, and how such organizations are reported within the *Financial Report*. For consolidation entities, the assets, liabilities, results of operations, and related activity are consolidated into the government's financial statements. For disclosure entities and related parties, balances and transactions with such entities are included in the financial statements and certain information about their relationship with the federal government is disclosed in the notes to the consolidated financial statements. Disclosure entities and related parties are important to the *Financial Report* but are not consolidated into the government's financial statements.

Disclosure Entities

Disclosure entities are organizations similar to consolidation entities in that they are either: a) in the *Budget*; b) majority owned by the government; c) controlled by the government; or d) would be misleading to exclude. Disclosure entities have a greater degree of autonomy with the government than consolidation entities. In addition, organizations may be owned or controlled by the government as a result: of a) regulatory actions (such as organizations in receivership or conservatorship); or b) other government intervention actions. Under such regulatory or other intervention actions, if the relationship with the government is not expected to be permanent, such entities generally would be classified as disclosure entities based on their characteristics taken as a whole.

Based on the criteria in GAAP for federal entities, the disclosure entities in the *Financial Report* are FR System, SPVs, Fannie Mae, Freddie Mac, and National Railroad Passenger Corporation (more commonly referred to as Amtrak). In addition, there are additional disclosure entities reported by component reporting entities that do not meet the qualitative or quantitative criteria in SFFAS No. 47 to be reported in the *Financial Report*.

Federal Reserve System

Congress, under the Federal Reserve Act, created the FR System. The FR System includes the Federal Reserve Board, the FRB, and FOMC. Collectively, the FR System serves as the nation's central bank and is responsible for formulating and conducting monetary policy, issuing and distributing currency (Federal Reserve Notes), supervising and regulating financial institutions, providing nationwide payment systems (including large-dollar transfers of funds, Automated Clearing House operations, and check collections), providing certain financial services to federal entities and fiscal principals, and serving as the U.S. government's bank. Monetary policy includes actions undertaken by the FR System that influence the availability and cost of money and credit as a means of helping to promote national economic goals. The FR System also conducts operations in foreign markets in order to counter disorderly conditions in exchange markets or to meet other needs specified by the FOMC to carry out its central bank responsibilities. The FR System is considered an independent central bank, and the executive branch of the government does not ratify its decisions.

The 12 FRB are chartered under the Federal Reserve Act, which requires each member bank to own the capital stock of its FRB. Each FRB has a board of directors that exercises supervision and control of each FRB, with three members appointed by the Federal Reserve Board, and six board members elected by their member banks. The FRB participate in formulating and conducting monetary policy, distributing currency and coin, and serving as the government's fiscal agent, as well as the fiscal agent for other fiscal principals. Fiscal principals, generally speaking, relate to banks, credit unions, and savings and loan institutions. Additionally, the FRB provide short-term loans to depository institutions and loans to participants in programs or facilities with broad-based eligibility in unusual and crucial circumstances when approved by the Federal Reserve Board and the Secretary of the Treasury.

The government interacts with FRB in a variety of ways, including the following:

- The FRB serve as the government's fiscal agent and depository, executing banking and other financial transactions on the government's behalf. The government reimburses the FRB for these services, the cost of which is included on the Statements of Net Cost;
- The FRB hold Treasury and other federal securities in the FRBs' SOMA for the purpose of conducting monetary policy (see Note 12—Federal Debt and Interest Payable);
- The FRB hold gold certificates issued by the government in which the certificates are collateralized by gold (see Note 2—Cash and Other Monetary Assets);
- The FRB hold SDR certificates issued by the government which are collateralized by SDR (see Note 2—Cash and Other Monetary Assets); and
- The FRB are required by Federal Reserve Board policy to transfer their excess earnings to the government, which are included in Other Taxes and Receipts on the Statements of Operations and Changes in Net Position.

- **Federal Reserve System Structure**

The Federal Reserve Board is an independent organization governed by seven members who are appointed by the President and confirmed by the Senate. The full term of a Federal Reserve Board member is 14 years, and the appointments are staggered so that one term expires on January 31 of each even-numbered year. The Federal Reserve Board has a number of supervisory and regulatory responsibilities for institutions including, among others, state-chartered banks that are members of the FR System, bank holding companies, and savings and loan holding companies. In addition, the Federal Reserve Board has general supervisory responsibilities for the 12 FRB, and issues currency (Federal Reserve Notes) to the FRB for distribution.

The FOMC is comprised of the seven Federal Reserve Board members and five of the 12 FRB presidents, and is charged with formulating and conducting monetary policy primarily through open market operations (the purchase and sale of certain securities in the open market), the principal tool of national monetary policy. These operations affect the amount of reserve balances available to depository institutions, thereby influencing overall monetary and credit conditions.

- **Federal Reserve Monetary Policy Action**

Monetary policy comprises the Federal Reserve's actions and communications to promote maximum employment, stable prices, and moderate long-term interest rates; the economic goals the Congress has instructed the Federal Reserve to pursue.

In FY 2024, PCE price inflation showed modest further progress, it remained above the FOMC's longer-run objective of 2.0 percent. As a result, the FOMC maintained the target range for the federal funds rate at 5.25 to 5.50 percent. In September 2024, the FOMC decided to lower the target range for the federal funds rate by 0.5 percent in the light of the progress on inflation and the balance of risks to the FOMC's inflation and employment goals.

The FOMC continued reducing its securities holdings throughout FY 2024. Beginning in June 2024, the FOMC slowed the pace of decline of its securities holdings by reducing the monthly redemption cap on Treasury securities from \$60.0 billion to \$25.0 billion. The FOMC maintained the monthly redemption cap on agency debt and agency MBS at \$35.0 billion and reinvested principal payments in excess of this cap into Treasury securities. The FOMC is strongly committed to returning inflation to its 2.0 percent objective.

The FRB balance sheet developments may be obtained at

https://www.federalreserve.gov/monetarypolicy/bst_fedsbalancesheet.htm.

- **Federal Reserve System Assets, Liabilities, Revenues, Expenses, Gains, and Losses**

The FRB hold Treasury and other securities in the SOMA for the purpose of conducting monetary policy. As of September 30, 2024, Treasury securities held by the FRB totaled \$3,631.2 billion, which excludes \$735.1 billion in Treasury securities used in overnight reverse repurchase transactions and includes a net of \$2.0 billion held by the FRB as collateral for securities lending activities. As of September 30, 2023, Treasury securities held by the FRB totaled \$2,786.7 billion, which excludes \$2,139.4 billion in Treasury securities used in overnight reverse repurchase transactions and excludes \$26.8 billion lent to dealers and not collateralized by other Treasury securities. Such securities are included in federal debt and interest payable (see Note 12—Federal Debt and Interest Payable). For fiscal years ended September 30, 2024, and 2023, Treasury incurred interest cost relating to the FRB's Treasury holdings amounting to \$102.5 billion and \$105.1 billion, respectively, which is included in interest on Treasury securities held by the public on the Statement of Net Cost. Unrestricted Cash held on deposit at the FRB as of September 30, 2024, and 2023, was \$870.8 billion and \$638.9 billion, respectively, and are included in cash and other monetary assets. In addition, restricted cash as of September 30, 2024, and 2023, was \$71.3 billion and \$56.3 billion, respectively; a significant portion is held on deposit at the FRB (see Note 2—Cash and Other Monetary Assets). The outstanding SDR certificates issued by the government to the Federal Reserve, valued at \$10.2 billion and \$5.2 billion as of September 30, 2024, and 2023, respectively, are reported under Other Liabilities on the government's Balance Sheet (see Note 18—Other Liabilities).

Treasury securities are generally subject to the same market condition as other financial instruments. In the open market, the FRB purchase and sell Treasury securities as a mechanism for controlling the money supply.

Financial and other information concerning the FR System, including financial statements for the Federal Reserve Board and the FRB, may be obtained at <https://federalreserve.gov>.

- **FRB Residual Earnings Transferred to the Government**

FRB generate income from interest earned on securities, reimbursable services provided to federal entities, and the provision of priced services to depository institutions, as specified by the *Monetary Control Act of 1980*. Although the FRB generate earnings from carrying out open market operations (via the earnings on securities held in the SOMA

account), their execution of these operations is for the purpose of accomplishing monetary policy rather than generating earnings. Each FRB is required by Federal Reserve Board policy to transfer to the government its residual (or excess) earnings, after providing for the cost of operations, payment of dividends, and surplus funds not to exceed an FRB's allocated portion of an aggregate of \$6.8 billion for all FRB. These residual earnings may vary due to, among other things, changes in the SOMA balance levels that may occur in conducting monetary policy. If an FRB's earnings for the year are not sufficient to provide for the cost of operations, payment of dividends, or allocated portion of \$6.8 billion aggregate surplus funds limitation, an FRB will suspend its payments to the government until such earnings become sufficient. These funds are part of restricted cash at the Federal Reserve (see Note 2—Cash and Other Monetary Assets). The FRB residual earnings of \$3.1 billion and \$0.6 billion for fiscal years ended September 30, 2024, and 2023, respectively, are reported as other taxes and receipts on the Statements of Operations and Changes in Net Position. Accounts receivable, net, includes a receivable for FRB's residual earnings which represents the earnings due to the General Fund as of September 30, but not collected by the General Fund until after the end of the month (see Note 3—Accounts Receivable, Net).

Special Purpose Vehicles

Treasury holds equity investments in SPVs established by the Federal Reserve Board for the purpose of enhancing the liquidity of the U.S. financial system. Involvement in these programs represents non-permanent intervention activities designed to help mitigate the economic impacts of the pandemic. Accordingly, the government's equity interests in these SPVs meet the SFFAS No. 47 criteria for classifying our SPV investments as disclosure entities. These entities are not consolidated as part of the government's consolidated financial statements; however, the value of the investments in the SPVs, changes in value, and related activity with the SPVs are included in the government's consolidated financial statements (see Note 8—Investments).

Fannie Mae and Freddie Mac

In 2008, during the financial crisis, the government placed Fannie Mae and Freddie Mac under conservatorship to help ensure their financial stability. These entities meet the criteria in SFFAS No. 47, for disclosure entities as both: a) "receivingships and conservatorships"; and b) as entities wherein "federal government intervention actions resulted in control or ownership" with intervention actions not expected to be permanent. Accordingly, these entities are not consolidated into the government's consolidated financial statements. However, the values of the investments in such entities, changes in value, and related activity with these entities are included in the government's consolidated financial statements (see Note 7—Investments in Government-Sponsored Enterprises for additional information).

Amtrak

Amtrak was incorporated in 1971 pursuant to the *Rail Passenger Service Act of 1970* and is authorized to operate a nationwide system of passenger rail transportation. Amtrak is a private, for-profit corporation under 49 U.S.C. § 24301 and D.C. law. It is not a department, entity, or instrumentality of the government. Amtrak's classification as a disclosure entity is attributable to being: a) listed in the *Budget*; b) financed mostly by sources other than taxes; and c) governed by an independent Board of Directors, which is comprised of 10 directors. The Secretary of Transportation, who is a director by statute, and eight of the other Amtrak directors, are appointed by the President with the advice and consent of the U.S. Senate. The President of Amtrak also is a board member and is appointed by the board. Amtrak does not take actions on behalf of the government but benefits the national economy by providing a transportation option in 46 states and the D.C.

The government (through the DOT) owns 100.0 percent of Amtrak's preferred stock (109,396,994 shares of \$100.00 par value). Each share of preferred stock is convertible into ten shares of common stock. The common stockholders have voting rights for "amendments to Amtrak's Articles of Incorporation proposed by the Board of Directors and for certain other extraordinary events." Although Section 4.02(g) of the Amtrak Articles of Incorporation allow for the conversion of preferred stock to common stock, current government administrative policy is to not convert its holdings without congressional authorization. Section 4.02(g) of the Amtrak Articles of Incorporation does not limit the timing of conversion or require any preapprovals. Conversion is effective the business day following receipt of written notice of the holder's election to convert. The government does not recognize the Amtrak preferred stock in its financial statements because, under the corporation's current financial structure, the preferred shares do not have a liquidation preference over the common shares, the preferred shares do not have any voting rights, and dividends are neither declared nor in arrears.

In addition to the purchase/ownership of the Amtrak preferred stock, the government has provided funding to Amtrak, since 1972, primarily through grants and loans. Amtrak receives grants from the government that cover a portion of the corporation's annual operating expenses and capital investments. Funding provided to Amtrak through grant agreements are included in the *Budget* and the DOT financial statements. For the fiscal year ended September 30, 2024, the net cost amount related to grants was \$3.7 billion, and total budgetary outlays were \$3.2 billion. For the fiscal year ended September 30, 2023, the net cost amount related to grants was \$2.9 billion, and total budgetary outlays were \$3.2 billion.

The government (through the DOT) has possession of two long-term notes with Amtrak. The first note is for \$4.0 billion and matures in 2975 and, the second note is for \$1.1 billion and matures in 2082 with renewable 99-year terms. Interest is not accruing on these notes as long as the current financial structure of Amtrak remains unchanged. If the financial structure of Amtrak changes, both principal and accrued interest are due and payable. The government does not recognize the long-term notes in its financial statements since the notes, with maturity dates of 2975 and 2082, are considered fully uncollectible due to the lengthy terms, Amtrak's history of operating losses, and ability to generate funds for repayment. Amtrak's ability to continue to operate in its current form is dependent upon the continued receipt of subsidies from the government.

Financial statements and other information (including loans) concerning Amtrak may be obtained at <https://www.amtrak.com/reports-documents> and <https://www.transportation.gov/mission/budget/dot-fy-2024-agency-financial-report>.

Related Parties

Related parties exist if the existing relationship, or one party to the existing relationship, has the ability to exercise significant influence over the party's policy decisions. Related parties do not meet the principles for inclusion, but are reported in the *Financial Report* if they maintain relationships of such significance that it would be misleading to exclude.

Based on the criteria in SFFAS No. 47, the related parties reported in the *Financial Report* are FHLBanks, IMF, and Multilateral Banks. In addition, there are additional related parties reported by component reporting entities that do not meet the criteria to be reported in the *Financial Report*.

Federal Home Loan Banks

The government is empowered with supervisory and regulatory oversight of the 11 FHLBanks. The government is responsible for ensuring that each regulated entity operates in a safe and sound manner, including maintenance of adequate capital and internal control, and carries out its housing and community development finance missions. Each FHLBank operates as a separate federally chartered corporation with its own board of directors, management, and employees. The FHLBanks are GSEs that were organized under the *Federal Home Loan Bank Act of 1932*, to serve the public by enhancing the availability of credit for residential mortgages and targeted community development. They are financial cooperatives that provide a readily available, competitively-priced source of funds to their member institutions. The FHLBanks are not government entities and do not receive financial support from taxpayers. The government does not guarantee, directly or indirectly, the debt securities or other obligations of FHLBanks.

By law, in the event of certain adverse circumstances, Treasury is authorized to purchase up to \$4.0 billion of obligations of the FHLBanks. This authority may be exercised only if alternative means cannot be effectively employed to permit the FHLBanks to continue to supply reasonable amounts of funds to the mortgage market, and the ability to supply such funds is substantially impaired because of monetary stringency and a high level of interest rates. Any funds borrowed from Treasury shall be repaid by the FHLBanks at the earliest practicable date. Treasury has not used such authority. Also, in accordance with the *Government Corporations Control Act*, Treasury prescribes certain terms concerning the FHLBanks issuance of obligations to the public. Financial and other information concerning FHLBanks including financial statements may be obtained at <http://www.fhlbanks.com/>.

International Monetary Fund and Multilateral Development Banks

The IMF's primary purpose is to ensure the stability of the international monetary system—the system of exchange rates and international payments that enables countries to transact with each other. Member countries provide resources for IMF loans through their subscription quotas (quotas). The IMF also has additional pools of resources that can be used in the event of a crisis that requires lending beyond the level available from quota resources: 1) the NAB; 2) bilateral borrowing arrangements; and 3) additional allocation of SDRs. Participation in the IMF works like an exchange of monetary assets.

Quotas are the principal component of the IMF's financial resources and are denominated in SDR. The size of each member's quota is based broadly on its relative position in the world economy. The U.S. holds the largest quota of any IMF member. Since 2016, U.S. quota in the IMF has been about SDR 83 billion. The equivalent dollar value of the quota total U.S. as of September 30, 2024, and 2023, was approximately \$112.4 billion and approximately \$108.9 billion, respectively. The government has funded a portion of U.S. quota to the IMF for lending, represented by U.S. reserve position at the IMF, while the remainder of the U.S. quota is represented by a letter of credit on which the IMF can draw as needed for lending. The U.S. reserve position was approximately \$28.7 billion as of September 30, 2024, and approximately \$32.0 billion as of September 30, 2023, with the remaining undrawn letter of credit representing the balance (see Note 2—Cash and Other Monetary Assets and Note 20—Commitments). The government's quota serves as the key determinant for its 16.5 percent share of voting rights in various IMF decisions. Since certain key IMF decisions require approval by at least 85.0 percent of

the voting power, the government (represented by the Secretary of the Treasury) holds a substantial voice in the IMF and exercises significant influence over IMF policies, including veto power over major IMF decisions.

Some IMF members also supplement the IMF's resources through the NAB and bilateral borrowing agreements. Through the NAB, the U.S. and other participating members make additional resources available to the IMF if required to cope with or forestall an impairment of the international monetary system. In accordance with the CARES Act, effective January 1, 2021, U.S. participation in the NAB increased by SDR 28.2 billion. Accordingly, the government's participation in the NAB as of September 30, 2024, and 2023, was SDR 56.4 billion, respectively, which is equivalent to \$76.5 billion and \$74.2 billion, respectively. When the government transfers funds to the IMF under the NAB, it receives a liquid and interest-bearing claim on the IMF. There were no loans outstanding under the U.S. NAB arrangement with the IMF as of September 30, 2024, and \$0.1 billion was outstanding as of 2023. These loans were reported under Loans Receivable, Net on the Balance Sheet. The NAB is not currently activated, and the U.S. has veto power over its activation, as well as over most changes to its terms or size. The government does not have a bilateral borrowing agreement with the IMF, though it exercises indirect control over their activation, since NAB activation is a prerequisite for the IMF to draw on its bilateral borrowing arrangements.

As of September 30, 2024, and 2023, the government's total undrawn financial commitment to the IMF was \$160.2 billion and \$151.0 billion, respectively, which is composed of the quota related letter of credit and the undrawn portion of the NAB (see Note 20—Commitments).

Under the IMF Articles of Agreement, the IMF may allocate SDRs to member countries in proportion to their IMF quotas. SDR allocations are an international reserve asset created by the IMF to supplement its member countries' official reserves. In FY 2021, the IMF approved a historic allocation of SDRs of \$650.0 billion to further support the COVID-19 recovery. This was the largest allocation in the IMF's history, which substantially boosted the reserves and liquidity of the IMF's member countries, without adding to their debt burdens. The U.S. received an additional 79.5 billion SDRs valued at \$112.8 billion as a part of this historic allocation. The SDR allocation creates an asset and a liability on the Balance Sheet but does not increase the IMF's available lending resources. The SDR asset as of September 30, 2024, and 2023, amounted to \$174.0 billion and \$163.2 billion, respectively, and includes the SDR allocation as well as purchased SDR (see Note 2—Cash and Other Monetary Assets). The SDR liability as of September 30, 2024, and 2023, amounted to \$155.8 billion and \$151.0 billion, respectively (see Note 18—Other Liabilities).

The value of the SDR is based on a weighted average of the U.S. dollar, euro, Chinese renminbi, Japanese yen, and pound sterling. More information on the SDR valuation can be found at <https://www.imf.org>.

Historically, IMF has never experienced a default by a borrowing country. The government, which is not directly exposed to borrowers from the IMF, has never experienced a loss of value on its IMF quota or an instance of non-repayment, and it is not likely that the government will experience future losses as a result of its additional commitments.

Additionally, the government invests in and provides funding to the MDBs to support poverty reduction and promote sustainable economic growth in developing countries. The MDBs provide financial and technical support by means of strengthening institutions, providing assistance that addresses the root causes of instability in fragile and conflict-affected countries, responding to global crisis, and fostering economic growth and entrepreneurship. The government's participation in the MDBs is in the form of financial contributions used to ensure the effectiveness and impact of the MDBs' global development agenda. The U.S. has voting power in each of the MDBs to which it contributes, ranging from approximately 6.0 percent to 50.0 percent (see Note 10—Other Assets and Note 20—Commitments for additional information).

Note 28. Public-Private Partnerships

The government enters into various collaborative relationships with private sector entities in which the goals, structures, governance, roles and responsibilities are mutually determined to produce a risk-sharing arrangement. These relationships are referred to as P3s, in accordance with SFFAS No. 49, *Public-Private Partnerships: Disclosure Requirements*. Although there are inherent financial risks to the federal government in these types of complex, risk-sharing arrangements, P3s by nature are used to manage certain risks, and federal entities take steps to mitigate risks of loss to the government and continue to evaluate the risks associated with these arrangements. P3 arrangements that federal entities identified are related to energy savings, broadband network and communication projects, and housing and building rehabilitation projects. While many of the government's relationships may be referred to as a P3, only those meeting the disclosure requirements outlined in SFFAS No. 49 are disclosed.

FirstNet was created to develop, deploy, and enhance wireless broadband communications for first responders; to give 21st century communication tools to help save lives; and to keep U.S. communities and responders safe. This network must be designed to be reliable, functional, safe, and secure, and to provide optimal levels of operational capability at all times. The NPSBN is being built out, deployed, operated, and maintained under a 25-year contract awarded by FirstNet to AT&T in March 2017. The service will cover all 50 U.S. states, five territories, and D.C., including rural communities and tribal nations. Under the terms of the contract, total receipts for DOC over the life of the contract are \$18.0 billion based on annual payments AT&T is required to make. FirstNet oversees and monitors the contract with AT&T to ensure it delivers on the requirements associated with deploying, operating, and maintaining the NPSBN through various mechanisms, including subscriber adoption targets, successful milestone completion, disincentives, and other mechanisms outlined in the contract. Additionally, DOC is required to make payments to AT&T for success-based payment milestones under firm-fixed price buildout and continuing enhancement Task Orders.

DOD identified MHPI agreements as P3s requiring disclosure. The MHPI agreements are with private sector entities established as LLCs or LPs. These MHPI project LLC and LP entities serve as the project's managing members and have assumed responsibility for operation, maintenance, sustainment, demolition, and recapitalization of the housing during the lease term. By engaging MHPI agreements, DOD benefits through use of private sector expertise and funding to improve the quality of installation housing in the U.S. much faster than the DOD could have done through traditional military construction and ongoing operation and maintenance funding. Private sector developers serve as the majority managing member ensuring performance objectives are met over the expected life of the agreement. Military departments generally serve as the minority member and enter a long-term ground lease (generally 50 years), and convey the associated real property assets (buildings, structures, facilities, and utilities) to the MHPI project LLC or LP. The contractual terms and termination clauses vary by agreement. The main role of the DOD is to monitor the MHPI projects to ensure adherence to the terms of the project documents, such as following legal and regulatory requirements, and ensuring project financial performance can sustain quality housing over the life of the ground lease. The DOD may provide contributions to the MHPI project LLC or LP through: 1) Investments, refer to Note 8—Investments for more information; 2) Direct Loans; 3) Loan Guarantees; and 4) Differential Lease Payments.

The consolidated amounts the government received and paid in FY 2024 were \$0.7 billion and \$5.8 billion, respectively. The estimated amounts to be received and paid in the aggregate over the expected life of the P3s is \$21.7 billion and \$20.8 billion, respectively. Please refer to the financial statements of DOC, DOD, and GSA for additional information.

Note 29. Subsequent Events

Statutory Debt Limit

As of September 30, 2024, debt subject to the statutory debt limit was \$35,354.9 billion. However, per the FRA (P.L. 118-5), the statutory debt limit was temporarily suspended through January 1, 2025. Effective January 2, 2025, the statutory debt limit was set at \$36,104.0 billion. On December 27, 2024, the Secretary of the Treasury notified the Congress that the statutory debt limit is expected to be reached between January 14, 2025, and January 23, 2025, at which time it will be necessary for Treasury to start taking extraordinary measures to prevent the U.S. government from defaulting on its obligations. Please refer to Note 12—Federal Debt and Interest Payable for additional information.

Social Security Fairness Act of 2023

The SOSI, SCSIA, and the SLTFP do not reflect legislation enacted subsequent to September 30, the end of the fiscal year. In January 2025, the *Social Security Fairness Act of 2023* was signed into law. This law repeals the Windfall Elimination Provision and the Government Pension Offset, both of which can reduce Social Security benefits when someone receives a pension based on work that was not covered by Social Security. The *Social Security Fairness Act of 2023* is effective with respect to benefits payable for months after December 2023. The effect of this law on the SOSI, SCSIA, and the SLTFP is not currently reasonably estimable given the timing of the law's enactment, but the effect may be material and will be incorporated into the FY 2025 financial statements.

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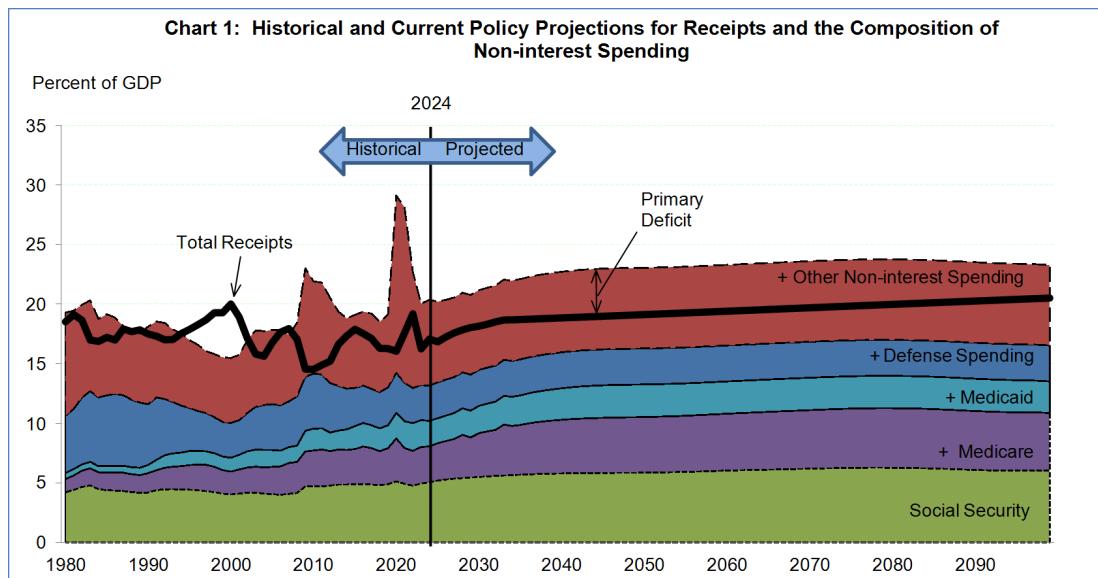
United States Government Required Supplementary Information (Unaudited) For the Fiscal Years Ended September 30, 2024, and 2023

The Sustainability of Fiscal Policy

One of the important purposes of the *Financial Report* is to help citizens and policymakers assess whether current fiscal policy is sustainable and, if it is not, the urgency and magnitude of policy reforms necessary to make fiscal policy sustainable. A sustainable policy is defined in this report as one where the ratio of debt held by the public to GDP (the debt-to-GDP ratio) is ultimately stable or declining.

As discussed below, the projections based on this *Financial Report*'s assumptions indicate that current policy is not sustainable. The debt-to-GDP ratio was approximately 98 percent at the end of 2024, which is similar to (but slightly above) the debt-to-GDP ratio at the end of FY 2023. If current policy is left unchanged, the projections show the debt-to-GDP ratio will be approximately 100 percent in 2025, exceed 200 percent by 2049 and reach 535 percent in 2099. For comparison, under the 2023 projections, the debt-to-GDP ratio exceeded 200 percent two years earlier in 2047 and reached 531 percent in 2098.

These conclusions are rooted in the projected trends in receipts, spending, and deficits in the context of current law and policy, although, as described in the following pages, there is considerable uncertainty surrounding these projections. The projections are on the basis of policies currently in place and are neither forecasts nor predictions. Changes in policy – including investments in infrastructure efforts to mitigate the impact of climate change and enhancements to caregiving services to build a more resilient and sustainable economy – could have a significant effect on eventual fiscal outcomes.



Current Policy Projections for Primary Deficits

A key determinant of growth in the debt-to-GDP ratio and hence fiscal sustainability is the ratio of the primary deficit to GDP. The primary deficit is the difference between non-interest spending and receipts, and the primary deficit-to-GDP ratio is the primary deficit expressed as a percent of GDP. As shown in Chart 1, the primary deficit-to-GDP ratio spiked during 2009 through 2012 due to the 2008-09 financial crisis and the ensuing severe recession, and rose again in 2020 due to the COVID-19 pandemic and ensuing economic downturn. Increased spending and temporary tax reductions enacted to stimulate the economy and support recovery contributed to elevated primary deficits over both periods, resulting in sharp increases in the ratio of debt to GDP. The debt-to-GDP ratio rose from 39 percent at the end of 2008 to 70 percent at the end of 2012 and then from 79 percent at the end of 2019 to approximately 100 percent at the end of 2020.

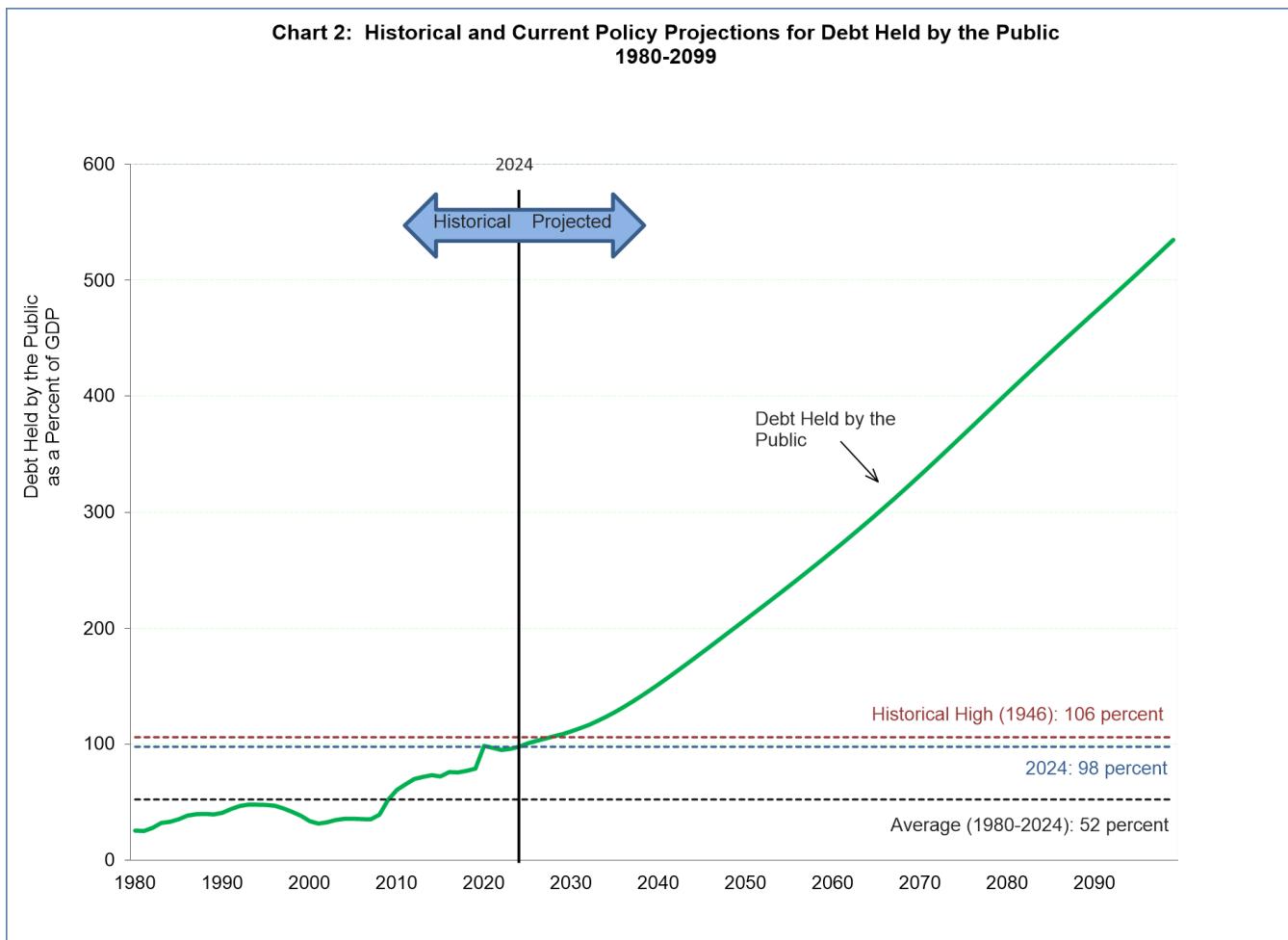
The primary deficit-to-GDP ratio in 2024 was 3.3 percent, a decrease of 0.5 percentage points from the primary deficit-to-GDP ratio reported for 2023 in last year's *Financial Report*, partially due to higher receipts. The primary deficit-to-GDP ratio is projected to average 3.1 percent over the next 10 years, based on the technical assumptions in this *Financial Report* and projected changes in receipts and outlays. After 2034, increased spending for Social Security and health programs due in part to the aging of the population, is projected to result in increasing primary deficits that peak at 4.0 percent of GDP in 2045. Primary deficits as a share of GDP gradually decrease beyond that point and reach 2.8 percent in 2099, the last year of the projection period.

Trends in the primary deficit are heavily influenced by tax receipts. The receipt share of GDP was markedly depressed in 2009 through 2012 because of the recession and tax reductions enacted as part of the *American Recovery and Reinvestment Act* and the *Tax Relief, Unemployment Insurance Reauthorization, and Job Creation Act of 2010*. The share subsequently increased to almost 18.0 percent of GDP by 2015 before falling to nearly 16.0 percent in 2020, following the enactment of the TCJA (P.L. 115-97) and COVID-19 pandemic-induced economic downturn. Receipts were 17.1 percent of GDP in 2024, an increase of 0.6 percentage points relative to the share of GDP reported for 2023 in last year's *Financial Report*. Receipts are projected to fall slightly to 16.8 percent of GDP in 2025 and gradually increase to 18.7 percent of GDP in 2034. After 2034, receipts grow slightly more rapidly than GDP over the projection period as increases in real (i.e., inflation-adjusted) incomes cause more taxpayers and a larger share of income to fall into the higher individual income tax brackets. Other possible paths for the receipts-to-GDP ratio and the implications for projected debt held by the public are analyzed in the "Alternative Scenarios" section.

On the spending side, the non-interest spending share of GDP was 20.4 percent in 2024, 0.1 percentage points above the share of GDP reported for 2023 in last year's *Financial Report*, which was 20.3 percent. The ratio of non-interest spending to GDP is projected to rise gradually, peaking at 23.8 percent of GDP in 2079. The ratio of non-interest spending to GDP then declines to 23.3 percent in 2099, the end of the projection period. These increases are principally due to faster growth in Social Security, Medicare, and Medicaid spending (see Chart 1). The aging of the population, among other factors, is projected to increase the Social Security and Medicare spending shares of GDP by about 0.6 percentage points and 1.4 percentage points, respectively, from 2025 to 2040. After 2040, the Social Security and Medicare spending shares of GDP continue to increase in most years, albeit at a slower rate, due to projected increases in health care costs and population aging, before declining toward the end of the projection period.

Current Policy Projections for Debt and Interest Payments

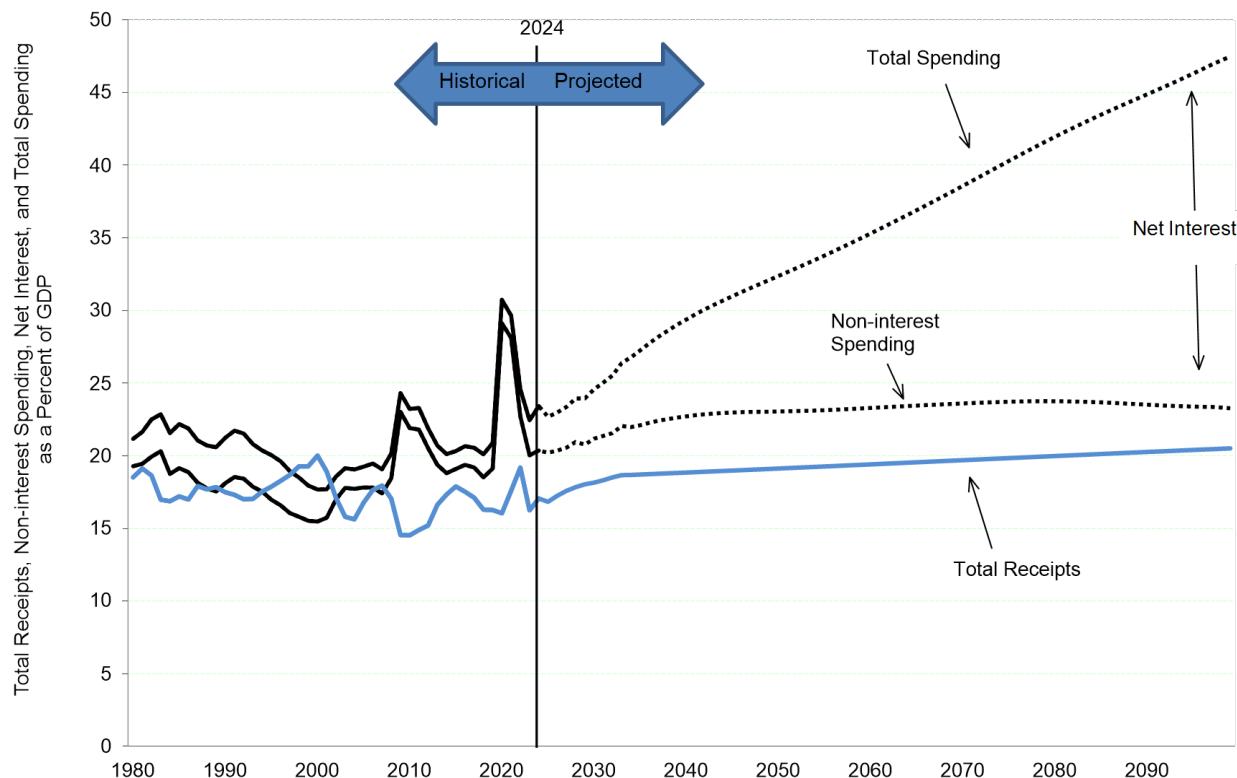
The primary deficit projections in Chart 1, along with projections for interest rates and GDP, determine the projections for the debt-to-GDP ratio shown in Chart 2. That ratio was approximately 98 percent at the end of FY 2024, and under current policy and based on this *Financial Report*'s assumptions is projected to reach 535 percent in 2099. The continuous rise of the debt-to-GDP ratio indicates that current policy under this *Financial Report*'s assumptions is unsustainable.



As a general approximation, the change in debt held by the public from one year to the next is the budget deficit, the difference between total receipts and total spending.¹ Total spending is non-interest spending plus interest spending. Chart 3 shows that the rapid rise in total spending and the unified deficit (total receipts less total spending) is almost entirely due to projected net interest, which results from the growing debt. As a percent of GDP, interest spending was 3.1 percent in 2024, and under current policy is projected to reach 12.6 percent in 2062 and 24.2 percent in 2099.

¹ The change in debt each year is also affected by certain transactions not included in the budget deficit, such as changes in Treasury's cash balances and the non-budgetary activity of federal credit financing accounts. These transactions are assumed to hold constant at about 0.3 percent of GDP each year, with the same effect on debt as if the primary deficit was higher by that amount.

**Chart 3: Historical and Current Policy Projections for Total Receipts, Non-interest Spending, Net Interest, and Total Spending
1980-2099**



Another way of viewing the change in the financial outlook in this year's *Financial Report* relative to previous years' *Financial Reports* is in terms of the projected debt-to-GDP ratio in 2097, the last year of the 75-year projection period used in the FY 2022 *Financial Report*. This ratio is projected based on this *Financial Report*'s assumptions to reach 521 percent in the FY 2024 projections, which compares with 525 percent projected in the FY 2023 projections and 566 percent projected in the FY 2022 projections.²

The Cost of Delay in Closing the 75-Year Fiscal Gap

The longer policy action to close the fiscal gap³ is delayed, the larger the post-reform primary surpluses must be to achieve the target debt-to-GDP ratio at the end of the 75-year period. This can be illustrated by varying the years in which reforms closing the fiscal gap are initiated while holding the target ratio of debt to GDP in 2099 equal to the 2024 ratio of approximately 98 percent of GDP. Three timeframes for reforms are considered, each one beginning in a different year, and each one increasing the primary surplus relative to current policy by a fixed percent of GDP starting in the reform year. The analysis shows that the longer policy action is delayed, the larger the post-reform primary surplus must be to bring the debt-to-GDP ratio in 2099 equal to its level in 2024. Future generations are burdened by delays in policy changes because delay necessitates higher primary surpluses during their lifetimes, and those higher primary surpluses must be achieved through some combination of lower spending and higher revenue.

As previously shown in Chart 1, under current policy, primary deficits occur throughout the projection period. Table 1 shows primary surplus changes necessary to make the debt-to-GDP ratio in 2099 equal to its level in 2024 under each of the

² For additional information on changes from the 2022 projections, see the unaudited RSI in the 2023 *Financial Report*.

³ The fiscal gap reflects how much the primary surplus (receipts less non-interest spending) must increase to have the 2099 debt-to-GDP ratio at the 2024 level. See Note 24 for a more complete discussion of the fiscal gap.

three timeframes. If reform begins in 2025, then it is sufficient to raise the primary surplus share of GDP by 4.3 percentage points in every year between 2025 and 2099 in order for the debt-to-GDP ratio in 2099 to equal its level in 2024. This policy raises the average 2025-2099 primary surplus-to-GDP ratio from -3.6 percent to +0.7 percent.

Table 1 - Cost of Delaying Fiscal Reform

Timing of Reforms	Required Change in Average Primary Surplus
Reform in 2025 (No Delay)	4.3 percent of GDP between 2025 and 2099
Reform in 2035 (Ten-Year Delay)	5.1 percent of GDP between 2035 and 2099
Reform in 2045 (Twenty-Year Delay)	6.3 percent of GDP between 2045 and 2099

Note: Reforms taking place in 2024, 2034, and 2044 from the 2023 Financial Report were 4.5, 5.3, and 6.5 percent of GDP, respectively.

In contrast to a reform that begins immediately, if reform begins in 2035 or 2045, then the primary surpluses must be raised by 5.1 percent and 6.3 percent of GDP, respectively, in order for the debt-to-GDP ratio in 2099 to equal its level at the end of 2024. The difference between the primary surplus increase necessary if reform begins in 2035 or 2045 and the increase necessary if reform begins in 2025, an additional 0.8 and 2.0 percentage points, respectively, is a measure of the additional burden policy delay would impose on future generations. The costs of delay are due to the additional debt that accumulates between the end of 2024 and the year reform is initiated, in comparison to the scenario in which reform begins immediately.

Alternative Scenarios

The long-run projections are highly uncertain. This section illustrates this inherent uncertainty by presenting alternative scenarios for the growth rate of health care costs, interest rates, discretionary spending, and receipts. (Not considered here are the effects of alternative assumptions for long-run trends in birth rates, mortality, and immigration, among other factors.)

The population is aging rapidly and will continue to do so over the next several decades, which puts pressure on programs such as Social Security, Medicare, and Medicaid. A shift in projected fertility, mortality, or immigration rates could have important effects on the long-run projections. Higher-than-projected immigration, fertility, or mortality rates would improve the long-term fiscal outlook. Conversely, lower-than-projected immigration, fertility, or mortality rates would result in deterioration in the long-term fiscal outlook.

Effect of Changes in Health Care Cost Growth

One of the most important assumptions underlying the projections is the future growth of health care costs. These future growth rates – both for health care costs in the economy generally and for federal health care programs such as Medicare, Medicaid, and PPACA marketplace subsidies – are highly uncertain. In particular, PPACA in 2010 and MACRA in 2015 lowered increases in payment rates for Medicare hospital and physician payments. The Medicare spending projections in the long-term fiscal projections are based on the projections in the 2024 Medicare Trustees Report, which assume the PPACA and MACRA payment rates will be effective in producing a substantial slowdown in Medicare input cost growth. As discussed in Note 25—Social Insurance, the Medicare projections are subject to much uncertainty about the ultimate effects of these provisions to reduce health care cost growth. For the long-term fiscal projections, that uncertainty also affects the projections for Medicaid and exchange subsidies, because the cost per beneficiary in these programs after 2032 is assumed to transition over a four-year period to growth at the same rate as Medicare costs per beneficiary.

As an illustration of the effect of variations in health care cost growth rates, Table 2 shows the effect on the size of reforms necessary to close the fiscal gap under per capita health care cost growth rates that are one percentage point higher or two percentage points higher than the growth rates in the base projection, as well as the effect of delaying closure of the fiscal gap.⁴ As indicated earlier, if reform is initiated in 2025, eliminating the fiscal gap requires that the 2025-2099 primary surplus increase by an average of 4.3 percent of GDP in the base case. However, that figure increases to 7.6 percent of GDP if per capita health cost growth is assumed to be 1.0 percentage point higher, and 12.7 percent of GDP if per capita health cost

⁴ The base case health cost growth rates are derived from the projections in the 2024 Medicare Trustees Report. These projections are summarized and discussed in Note 25 and the “Medicare Projections” section of the unaudited RSI for the SOSI.

growth is 2.0 percentage points higher. The cost of delaying reform is also increased if health care cost growth is higher because debt accumulates more rapidly during the period of inaction. For example, the lower part of Table 2 shows that delaying reform initiation from 2025 to 2035 requires that 2035-2099 primary surpluses be higher by an average of 0.8 percent of GDP in the base case, 1.4 percent of GDP if per capita health cost growth is 1.0 percentage point higher, and 2.3 percent of GDP if per capita health cost growth is 2.0 percentage points higher. The deterioration of the long-run fiscal outlook caused by higher health care cost growth shows the critical importance of managing health care cost growth.

Table 2 - Impact of Alternative Health Cost Scenarios on Cost of Delaying Fiscal Reform

Scenario	Primary Surplus Increase (% of GDP) Starting in:		
	2025	2035	2045
Base Case	4.3	5.1	6.3
1.0 p.p. higher per capita health cost growth	7.6	9.0	11.0
2.0 p.p. higher per capita health cost growth	12.7	15.0	18.4
Change in Primary Surplus Increase if Reform is Delayed from 2025 to:			
		2035	2045
Base Case		0.8	2.0
1.0 p.p. higher per capita health cost growth		1.4	3.4
2.0 p.p. higher per capita health cost growth		2.3	5.8

Note: Increments may not equal the subtracted difference of the components due to rounding. "p.p." means percentage point(s).

Effects of Changes in Interest Rates

A higher debt-to-GDP ratio is likely to increase the interest rate on government debt, making it costlier for the government to service its debt than if the debt-to-GDP ratio were lower. Table 3 displays the effect of several alternative scenarios using different nominal interest rates than assumed in the base case on the size of reforms to close the fiscal gap as well as the effect of delaying closure of the fiscal gap. If reform is initiated in 2025, eliminating the fiscal gap requires that the 2025-2099 primary surplus increase by an average of 4.3 percent of GDP in the base case, 5.2 percent of GDP if the interest rate is 1.0 percentage points higher in every year, and 6.0 percent of GDP if the interest rate is 2.0 percentage point higher in every year. The required increase in the 2025-2099 primary surplus decreases to an average of 3.5 percent of GDP if the interest rate is 1.0 percentage point lower in every year and 2.6 percent of GDP if the interest rate is 2.0 percentage points lower in every year. The cost of delaying reform is also increased if interest rates are higher, due to the fact that interest paid on debt accumulates more rapidly during the period of inaction. For example, the lower part of Table 3 shows that delaying reform initiation from 2025 to 2035 requires that 2035-2099 primary surpluses be higher by an average of 0.8 percent of GDP in the base case, 1.3 percent of GDP if the interest rate is 1.0 percentage points higher in every year, and 2.0 percent of GDP if the interest rate is 2.0 percentage point higher in every year. The required increase in the 2035-2099 primary surplus is higher by an average of 0.5 percent of GDP if the interest rate is 1.0 percentage point lower in every year and 0.2 percent of GDP if the interest rate is 2.0 percentage points lower in every year.

Table 3 - Impact of Alternative Interest Rate Scenarios on Cost of Delaying Fiscal Reform

	Primary Surplus Increase (% of GDP) Starting in:		
	2025	2035	2045
Base Case: Average of 4.5 percent over 75 years	4.3	5.1	6.3
1.0 p.p. higher interest rate in each year	5.2	6.5	8.5
2.0 p.p. higher interest rate in each year	6.0	8.0	11.1
1.0 p.p. lower interest rate in each year	3.5	3.9	4.6
2.0 p.p. lower interest rate in each year	2.6	2.8	3.1

	Change in Primary Surplus Increase if Reform is Delayed from 2025 to:	
	2035	2045
Base Case: Average of 4.5 percent over 75 years	0.8	2.0
1.0 p.p. higher interest rate in each year	1.3	3.3
2.0 p.p. higher interest rate in each year	2.0	5.1
1.0 p.p. lower interest rate in each year	0.5	1.1
2.0 p.p. lower interest rate in each year	0.2	0.6

Note: Increments may not equal the subtracted difference of the components due to rounding.

Effects of Changes in Discretionary Spending Growth

The rate of growth of discretionary spending has a large impact on long-term fiscal sustainability. The current base projection for discretionary spending assumes that spending grows with nominal GDP starting in 2026. Under the base projection, discretionary spending is approximately 6.5 percent of GDP each year over the projection period. The implications of an alternative scenario are shown in Table 4. In the alternative scenario, discretionary spending grows with inflation and population beginning in 2026 so as to hold discretionary spending constant on a real per capita basis. (This growth rate assumption is slower than growth with GDP but is still higher than the standard 10-year budget baseline assumption, which assumes that discretionary spending grows with inflation but not with population.) As shown in Table 4, if discretionary spending grows with nominal GDP, eliminating the fiscal gap requires that the 2025-2099 primary surplus increase by an average of 4.3 percent of GDP. If discretionary spending grows with inflation and population, the fiscal gap is 2.0 percent of GDP. The cost of delaying reform is greater when discretionary spending levels are higher. Initiating reforms in 2035 requires that the primary surplus increase by an average of 0.8 percent of GDP per year in the base case and by an average of 0.4 percent of GDP if discretionary levels grow with inflation and population. If delayed until 2045, the primary surplus must increase by an average of 2.0 percent of GDP in the base case and by an average of 0.9 percent of GDP when discretionary spending grows with inflation and population.

Table 4 - Impact of Alternative Discretionary Spending Growth Scenarios on Cost of Delaying Fiscal Reform

Scenario	Primary Surplus Increase (% of GDP) Starting in:		
	2025	2035	2045
Base Case: Growth with GDP	4.3	5.1	6.3
Growth with inflation and population	2.0	2.3	2.8
Change in Primary Surplus Increase if Reform is Delayed from 2025 to:			
		2035	2045
Base Case: Growth with GDP		0.8	2.0
Growth with inflation and population		0.4	0.9

Note: Increments may not equal the subtracted difference of the components due to rounding.

Effects of Changes in Individual Income Receipt Growth

The growth rate of receipts, specifically individual income taxes, is another key determinant of long-term sustainability. The base projections assume growth in individual income taxes over time to account primarily for the slow shift of individuals into higher tax brackets due to real wage growth (“real bracket creep”). This assumption approximates the long-term historical growth in individual income taxes relative to wages and salaries and is consistent with current policy without change, as future legislation would be required to prevent real bracket creep. As an illustration of the effect of variations in individual income tax growth, Table 5 shows the effect on the size of reforms necessary to close the fiscal gap and the effect of delaying closure of the fiscal gap if long-term receipt growth as a share of wages and salaries is 0.1 percentage point higher than the base case, as well as 0.1 percentage point lower than the base case. If reform is initiated in 2025, eliminating the fiscal gap requires that the 2025-2099 primary surplus increase by an average of 4.3 percent of GDP in the base case, 3.3 percent of GDP if receipt growth is 0.1 percentage point higher, and 5.4 percent of GDP if receipt growth is 0.1 percentage point lower. The cost of delaying reform is also affected if receipt growth assumptions change, much as was the case in the previous alternative scenarios.

Table 5 - Impact of Alternative Revenue Growth Scenarios on Cost of Delaying Fiscal Reform

Scenario	Primary Surplus Increase (% of GDP) Starting in:		
	2025	2035	2045
Base Case: Individual income tax bracket creep of 0.1% of wages and salaries per year	4.3	5.1	6.3
0.2% of wages and salaries per year after 2034	3.3	3.9	4.7
0.0% of wages and salaries per year after 2034 (no bracket creep)	5.4	6.4	7.9
Change in Primary Surplus Increase if Delayed from 2025 to:			
		2035	2045
Base Case: Individual income tax bracket creep of 0.1% of wages and salaries per year		0.8	2.0
0.2% of wages and salaries per year after 2034		0.6	1.5
0.0% of wages and salaries per year after 2034 (no bracket creep)		1.0	2.5

Note: Increments may not equal the subtracted difference of the components due to rounding.

Fiscal Projections in Context

In this *Financial Report*, a sustainable fiscal policy is defined as one where the federal debt-to-GDP ratio is stable or declining over the projection period. However, this definition does not indicate what a sustainable debt-to-GDP ratio might be. Any particular debt ratio is not the ultimate goal of fiscal policy. Rather, the goals of fiscal policy are many including financing public goods, such as infrastructure and government services; promoting a strong and growing economy; and managing the debt so that it is not a burden on future generations. These goals are interrelated, and readers should consider how policies intended to affect one might depend on or affect another.

This *Financial Report* shows that current policy under this *Financial Report's* assumptions is not sustainable. In evaluating policies that could make policy sustainable, note that debt may play roles in both facilitating and hindering a healthy economy. For example, government deficit spending supports demand and allows the economy to emerge from recessions more quickly. Debt may also be a cost-effective means of financing capital investment that promotes future economic growth, which may in turn make future debt levels more manageable. However, economic theory also suggests that high levels of debt may contribute to higher interest rates, leading to lower private investment and a smaller capital stock that the economy can use to grow. Unfortunately, it is unclear what debt-to-GDP ratio would be sufficiently high to produce these negative outcomes, or whether the key concern is the level of debt per se, or a trend that shows debt increasing over time.

While several empirical studies have attempted to discern a definite relationship between debt and economic growth from the past experience of countries, the evidence is mixed. One study suggested that debt-to-GDP ratios in excess of 90 percent had significant negative consequences for real GDP growth across advanced countries.⁵ Real GDP growth is generally lower by about 1 percent when the countries' debt-to-GDP ratios are above 90 percent relative to the times when they are below 90 percent.⁶ However, after removing sample countries with very high indebtedness – those with debt-to-GDP ratios of more than 120 percent – and very low indebtedness – those with debt-to-GDP ratios of less than 30 percent – the negative relationship between growth and debt is difficult to determine. Another study reports that differences in average GDP growth in countries with debt-to-GDP ratios between 30-60 percent, 60-90 percent, and 90-120 percent cannot be statistically distinguished.⁷ Some countries with high debt-to-GDP ratios have been observed to experience lower-than-average growth, while other countries with similarly high debt-to-GDP ratios have continued to enjoy robust growth. Analogously, low debt-to-GDP ratios are no guarantee of strong economic growth. Moreover, the direction of causality is

⁵ Reinhart, Carmen M., Vincent R. Reinhart and Kenneth S. Rogoff. 2012. "Public Debt Overhangs: Advanced-Economy Episodes Since 1800." *Journal of Economic Perspectives*, 26(3):69-86.

⁶ Errata: "Growth in a Time of Debt," Carmen M. Reinhart and Kenneth S. Rogoff. Harvard University, 2013.

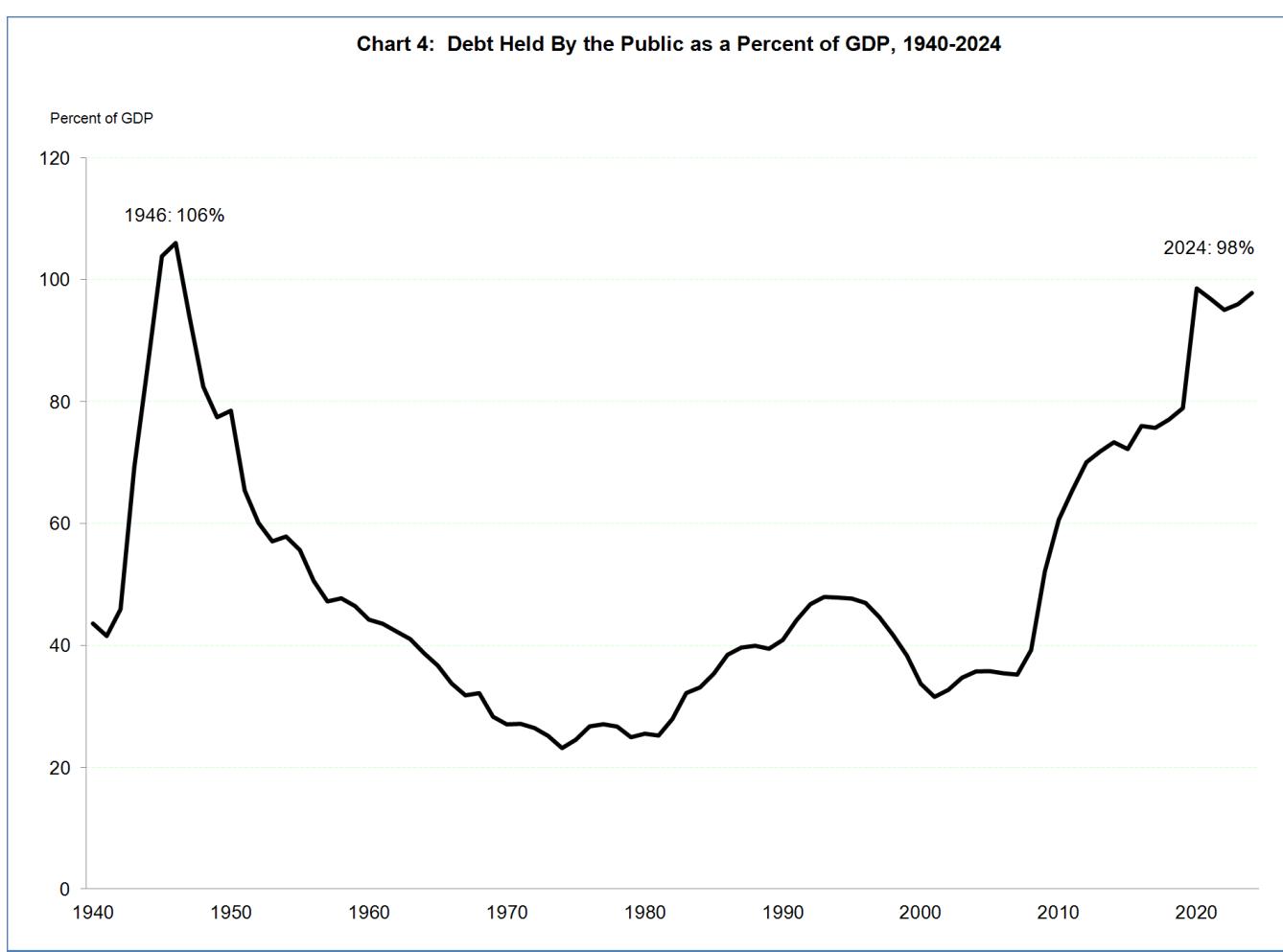
⁷ Herndon, Thomas, Michael Ash, and Robert Pollard, "Does High Public Debt Consistently Stifle Economic Growth? A Critique of Reinhart and Rogoff," *Cambridge Journal of Economics*, 2013.

unclear. High debt may undermine growth through increased interest rates and lower business confidence, or low growth may contribute to high debt by depressing tax revenues and increasing deficit spending on social safety net programs.

Nevertheless, to put the current and projected debt-to-GDP ratios in context, it is instructive to examine how the U.S. experience compares with that of other countries. The U.S. government's debt as a percent of GDP is relatively large compared with central government debt of other countries, but far from the largest among developed countries. Based on historical data as reported by the IMF for 29 advanced economies, the debt-to-GDP ratio in 2022 ranged from 12.4 percent of GDP to 213.2 percent of GDP.⁸ The U.S. is not included in this set of statistics, which underscores the difficulty in calculating debt ratios under consistent definitions, but the 2024 debt-to-GDP ratio for the U.S. government was approximately 98 percent. Despite using consistent definitions where available, these debt measures are not strictly comparable due to differences in the share of government debt that is debt of the central government, how government responsibilities are shared between central and local governments, how current policies compare with the past policies that determine the current level of debt, and how robustly each economy grows.

The historical experience of the U.S. may also provide some perspective. As Chart 4 shows, the debt-to-GDP ratio was highest in the 1940s, following the debt buildup during World War II. In the projections in this *Financial Report*, the U.S. would reach the previous peak debt ratio in 2028. However, the origins of current and future federal debt are quite different from the wartime debt of the 1940s, which limits the pertinence of past experience.

Chart 4: Debt Held By the Public as a Percent of GDP, 1940-2024



As the cross-country and historical comparisons suggest, there is a very imperfect relationship between the current level of central government debt and the sustainability of overall government policy. Past accrual of debt is certainly important, but current policies and their implications for future debt accumulation and future growth are as well.

⁸ Government Finance Statistics Yearbook, Main Aggregates and Balances, available at <https://data.imf.org>. Data are for D1 debt liabilities for the central government, excluding social security funds, for Advanced Economies.

Conclusion

The projections in this *Financial Report* indicate that if policy remains unchanged, the debt-to-GDP ratio will steadily increase throughout the projection period and beyond, which implies current policy under this *Financial Report's* assumptions is not sustainable and must ultimately change. Subject to the important caveat that policy changes are not so abrupt that they slow economic growth, the sooner policies are put in place to avert these trends, the smaller are the adjustments necessary to return the nation to a sustainable fiscal path, and the lower the burden of the debt will be to future generations.

Social Insurance

The social insurance programs consisting of Social Security, Medicare, Railroad Retirement, Black Lung, and UI were developed to provide income security and health care coverage to citizens under specific circumstances as a responsibility of the government. Because taxpayers rely on these programs in their long-term planning, social insurance program information should indicate whether the current statutory provisions of the programs can be sustained, and more generally what effect these provisions likely have on the government's financial condition. The resources needed to run these programs are raised through taxes and fees. Eligibility for benefits depends in part on earnings and time worked by the individuals. Social Security benefits are generally redistributed intentionally toward lower-wage workers (i.e., benefits are progressive). In addition, each social insurance program has a uniform set of eligibility events and schedules that apply to all participants.

RSI material is generally drawn from the 2024 Annual Reports of the Boards of Trustees, which represents the official government evaluation of the financial and actuarial status of the Social Security and Medicare Trust Funds. Unless otherwise noted, all data are for calendar years, all projections are based on current law and the Trustees intermediate set of assumptions. A significant exception is that the projections disregard benefit payment reductions that would result from the projected depletion of the OASDI and HI Trust Funds. Under current law, benefit payments would be reduced to levels that could be covered by incoming tax and premium revenues when the trust fund balances have been depleted.

Social Security and Medicare

Social Security

The OASI and DI Trust Funds were established on January 1, 1940 and August 1, 1956, respectively as separate accounts in Treasury. The OASI fund pays cash retirement benefits to eligible retirees and their eligible dependents and survivors, and the much smaller DI fund pays cash benefits to eligible individuals who are unable to work because of medical conditions and certain family members of such eligible individuals. All financial operations of the OASI and DI Programs are handled through these respective funds. The two funds are often referred to as the combined OASDI Trust Funds or "Social Security." At the end of calendar year 2023, Social Security benefits were paid to approximately 67 million beneficiaries.

The events that trigger benefit payments are quite different however, both trust funds have the same dedicated financing structure: taxes paid by workers, their employers, and individuals with self-employment income, based on work covered by the Social Security Program. Currently, employers and employees each pay 6.2 percent of taxable earnings, and the self-employed pay 12.4 percent of taxable earnings. Payroll taxes are levied on wages and net earnings from self-employment up to a specified maximum annual amount, referred to as maximum taxable earnings (\$168,600.00 in 2024), that increases each year with economy-wide average wages.

Legislation passed in 1984 subjected up to half of Social Security benefits to income tax and allocated the revenue to the OASDI Trust Funds. In 1993 legislation increased the potentially taxed portion of benefits to 85.0 percent and allocated the additional revenue to the Medicare's HI Trust Fund.

Medicare

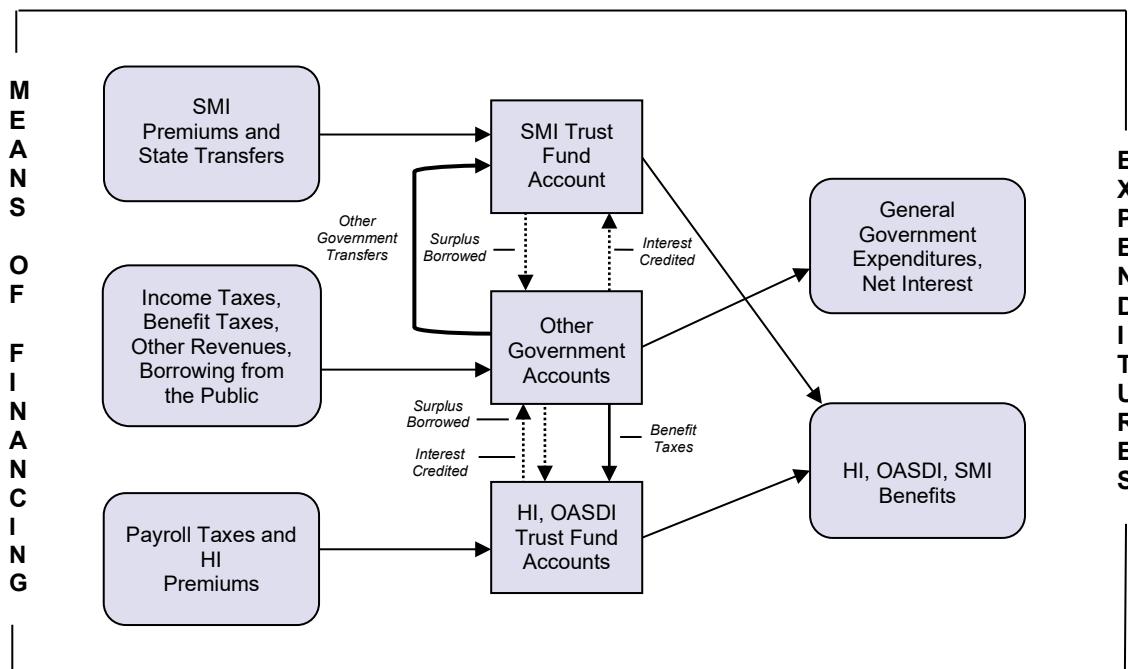
The Medicare Program, created in 1965, has two separate trust funds: the HI Trust Fund (otherwise known as Medicare Part A) and the SMI Trust Funds (which consists of the Medicare Part B and Part D⁹ accounts). HI helps pay for inpatient hospital skilled nursing facility, home health, and hospice. SMI helps pay for hospital outpatient services, physician services, and assorted other services and products through Part B and for prescription drugs through Part D.

Though the events that trigger benefit payments are similar, HI and SMI have different dedicated financing structures. Similar to Social Security, HI is financed primarily by payroll contributions. Currently, employers and employees each pay 1.45 percent of earnings, while self-employed workers pay 2.9 percent of their net earnings. SMI is financed primarily by direct transfers from the General Fund. Additional financing sources include premiums paid by beneficiaries and, for Part D state transfers.

⁹ Medicare legislation in 2003 created the new Part D account in the Medicare Part B and D Trust Fund to track the finances of a new prescription drug benefit that began in 2006. As is the case for Medicare Part B, a little less than three-quarters of revenues to the Part D account will come from future transfers from the General Fund. Consequently, the nature of the relationship between the Medicare Part B and D Trust Fund and the *Budget* described below is largely unaffected by the presence of the Part D account though the magnitude will be greater.

Social Security, Medicare, and Government-wide Finances

Figure 1—Social Security, Medicare, and Government-wide Finances



- Other Government Transfers: Intra-governmental transfers to the Medicare SMI Trust Fund from other government accounts.
- Surplus Borrowed: Program revenue loaned to the General Fund and treated as if it borrowed the money from the public.
- Interest Credited: Interest earned when the excess of program revenue over expenses is loaned to the General Fund becoming a future obligation to the General Fund.

The current and future financial status of the separate Social Security and Medicare Trust Funds is the focus of the Social Security and Medicare Trustees Reports, a focus that may appropriately be referred to as the “trust fund perspective.” In contrast, the government primarily uses the budget concept, appropriately referred to as the “budget perspective” or the “government-wide perspective” as the framework for budgetary analysis and presentation. It represents a comprehensive display of all federal activities, regardless of fund type or on- and off-budget status and has a broader focus than the trust fund perspective. Social Security and Medicare are among the largest expenditure categories of the *Budget*. This section describes the important relationship between the trust fund perspective and the government-wide perspective.

Figure 1 is a simplified depiction of the interaction of the Social Security and Medicare Trust Funds with the rest of the *Budget*.¹⁰ The boxes on the left show sources of funding, those in the middle represent the trust funds and other government accounts, including the General Fund into which that funding flows, and the boxes on the right show simplified expenditure categories. The figure is intended to illustrate how the various sources of program revenue flow through the *Budget* to beneficiaries. The general approach is to group revenues and expenditures that are linked specifically to Social Security and/or Medicare separately from those for other government programs.

Each of the trust funds has its own sources and types of revenue. With the exception of General Fund transfers to Medicare Parts B and D, each of these revenue sources represents revenue from the public that is dedicated specifically for the respective trust fund and cannot be used for other purposes. In contrast, personal and corporate income taxes as well as other revenue go into General Fund and are drawn down for any government program for which Congress has approved spending.¹¹ The Medicare SMI Trust Fund is shown separately from the Social Security OASDI Trust Funds and the Medicare HI Trust Fund to highlight the unique financing of Medicare Parts B and D. Currently, Medicare Parts B and D are

¹⁰ The *Budget* encompasses all government financing and is synonymous with a government-wide perspective.

¹¹ Other programs also have dedicated revenues in the form of taxes and fees (and other forms of receipt) and there are a large number of dedicated trust funds in the *Budget*.

the only programs that are funded through transfers from the General Fund. The transfers are automatic and their size depends on program expenses, not on how much revenue comes into Treasury. If General Fund revenues become insufficient to cover both the mandated transfer to Medicare Parts B and D and expenditures on other general government programs, Treasury needs to borrow to make up the difference. In the longer run, if transfers to Medicare Parts B and D increase beyond growth in general revenues as projected, then Congress must either raise taxes, cut other government spending, reduce Medicare Parts B and D benefits, or borrow even more.

Intra-governmental transfers (surplus) is a form of “borrowing/lending” between the government accounts. How loans from the trust funds to the General Fund and later repayments of those loans affect tax income and expenditures of the General Fund is uncertain. Two extreme cases encompass the possibilities. At one extreme, each dollar the trust funds loan to the General Fund might reduce borrowing from the public by a dollar at the time the loan is extended, in which case the General Fund could repay all trust fund loans by borrowing from the public without raising the level of debt held by the public above the level that would have occurred in the absence of the loans. At the other extreme, the trust fund loans result in additional largess (i.e., higher spending and/or lower taxes) in General Fund programs at the time the loans are extended, but ultimately that additional largess is financed with additional austerity (i.e., lower spending and/or higher taxes). The actual impact of trust fund loans to the General Fund and their repayment on General Fund programs is at one of these two extremes or somewhere in between.

Actual dollar amounts roughly corresponding to the flows presented in Figure 1 are shown in the following table for FY 2024. From the government-wide perspective, only revenues received from the public and state transfers less expenditures made to the public are important for the final balance. From the trust fund perspective which is captured in the bottom section of each of the three trust fund columns, revenue also includes amounts transferred from the General Fund and interest earned from the lending/borrowing activity between the General Fund and the trust funds. Transfers to the SMI Program from the General Fund are obligated under current law and therefore, appropriately viewed as revenue from the trust fund perspective.

Revenues and Expenditures for Medicare and Social Security Trust Funds and the Total Federal Budget for the Fiscal Year ended September 30, 2024

(In billions of dollars)	Trust Funds					Total ¹
	HI	SMI	OASDI	Total	All Other	Total ¹
Payroll taxes and other public revenues:						
Payroll and benefit taxes	431.7	-	1,337.0	1,768.7	-	1,768.7
Premiums	6.6	158.0	-	164.6	-	164.6
Other taxes and fees	-	20.5	-	20.5	2,965.2	2,985.7
Total	438.3	178.5	1,337.0	1,953.8	2,965.2	4,919.0
Total expenditures to the public ²	402.6	652.7	1,460.9	2,516.2	4,235.8	6,752.0
Net results for budget perspective ³	35.7	(474.2)	(123.9)	(562.4)	(1,270.6)	(1,833.0)
Revenues from other government accounts:						
Transfers	1.2	476.1	-	477.3	(477.3)	
Interest credits	6.0	4.0	67.4	77.4	(77.4)	
Total	7.2	480.1	67.4	554.7	(554.7)	
Net results for trust fund perspective ³	42.9	5.9	(56.5)	(7.7)	N/A	N/A

¹ This column is the sum of the preceding two columns and shows data for the total *Budget*. The figure \$1,833.0 billion was the total federal deficit in FY 2024.

² The OASDI figure includes \$5.9 billion transferred to the RRB for benefit program payments and is therefore an expenditure to the public.

³ Net results are computed as revenues less expenditures.

Transfers and interest credits received by the trust funds appear as a negative entry under “all other” and the column is offset when summed for the total *Budget*.

Note: "N/A" indicates not applicable.

Medicare Part A: From the government-wide perspective, the difference between expenditures made to the public and revenues was \$35.7 billion. From the trust fund perspective, after revenues from transfers and interest from the General Fund, revenues exceeded expenditures by \$42.9 billion.

Medicare Parts B and D: From the government-wide perspective, the difference between expenditures made to the public and revenues was \$474.2 billion resulting in a net draw on the overall budget balance. From the trust fund perspective, after revenues from transfers and interest from the General Fund, revenues exceeded expenditures by \$5.9 billion.

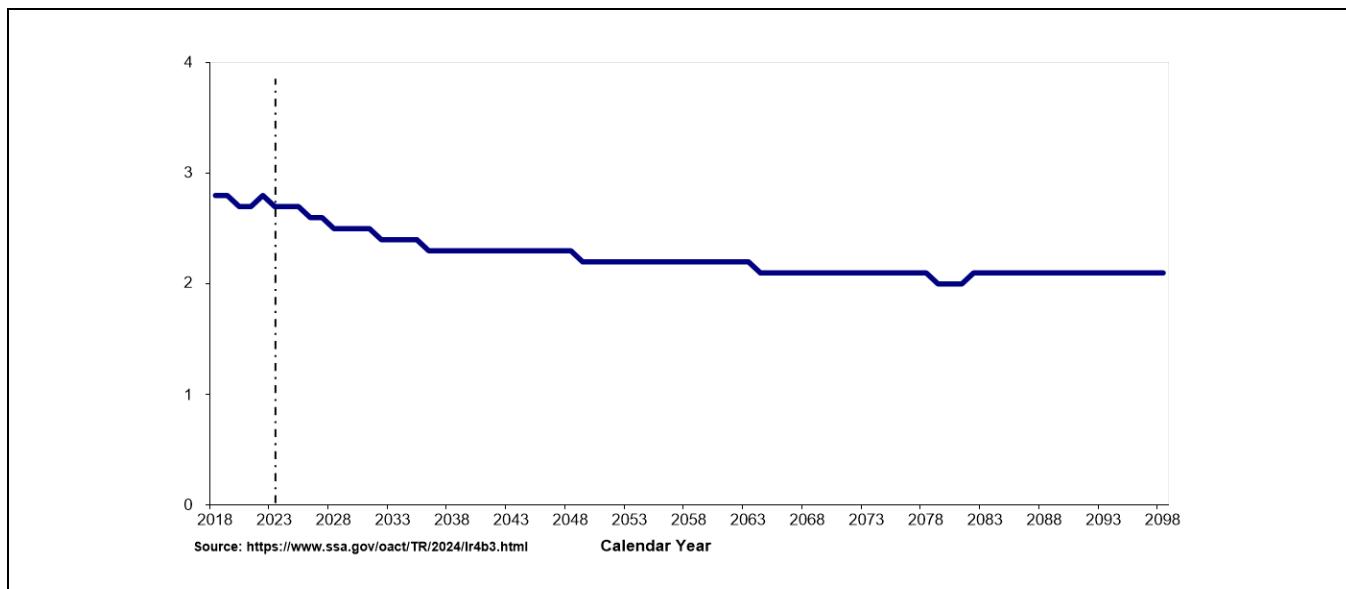
Social Security: From the government-wide perspective, the difference between expenditures made to the public and revenues was \$123.9 billion. From the trust fund perspective, after revenues from transfers and interest from the General Fund, expenditures exceeded revenues by \$56.5 billion.

Cash Flow Projections

Economic and Demographic Assumptions. The Boards of Trustees of the OASDI and Medicare Trust Funds provide in their annual reports to Congress short-range (10-year) and long-range (75-year) actuarial estimates of each trust fund. Because of their inherent uncertainty in estimating 75 years into the future, the boards use three alternative sets of economic and demographic assumptions to show a range of possibilities. The economic and demographic assumptions used for the most recent set of intermediate projections for Social Security and Medicare are shown in the demographic and economic assumption section of Note 25—Social Insurance.

Worker-to-Beneficiary Ratio. For the most part, current workers' pay for current benefits. The relatively smaller number of persons born after the baby boom will therefore finance the retirement of the baby boom generation. Chart 1 shows the estimated number of covered workers per OASDI beneficiary using the Trustees intermediate assumptions. Covered workers are persons having earnings creditable for OASDI purposes based on wages in covered employment or income from covered self-employment. The estimated number of workers per beneficiary declines from 2.7 in 2023 to 2.1 in 2098. A similar demographic pattern confronts the Medicare Program. In 2023 every HI beneficiary had about 2.8 workers to pay for his or her benefit and continues to decline until there are only 2.1 workers per beneficiary by 2098.

**Chart 1—Number of Covered Workers per OASDI Beneficiary
2018-2098**



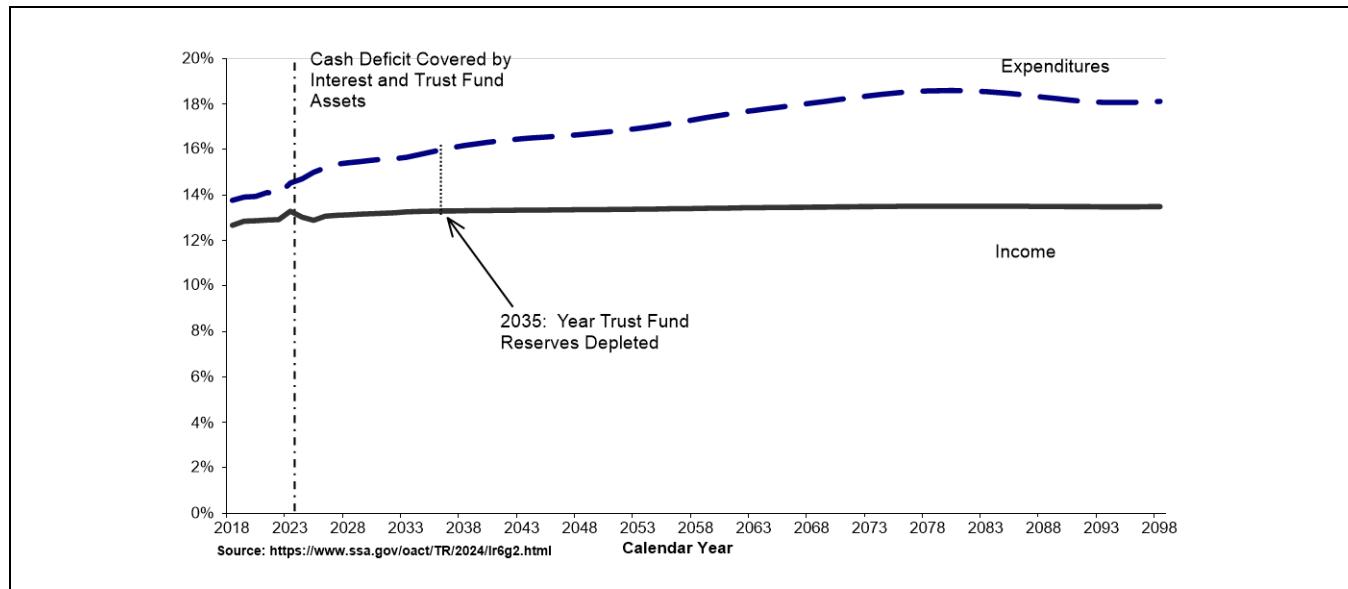
Social Security Projections

Income and Expenditures as a Percent of Taxable Payroll. Chart 2 shows annual non-interest income and expenditures expressed as percentages of taxable payroll. Estimated cost continues to exceed income excluding interest in years 2024 through 2035. Estimated cost rises rapidly through about 2040, then continues to rise more gradually through 2080, decreases in 2081 through 2095, and then increases slightly in 2098. The estimated income at the end of the 75-year period is sufficient to cover 73.0 percent of the estimated cost.

In any year, to meet all OASDI cost on a timely basis, the combined OASI and DI Trust Funds will need to redeem Treasury securities. This redemption differs from the situation of prior years when the combined OASI and DI Trust Funds had been net lenders to the General Fund. Because the program lacks the authority to borrow to continue paying benefits, benefit payments would be limited to the available noninterest income.

Solvency could be achieved by: 1) increasing revenue equivalent to an immediate and permanent payroll tax rate increase of 3.33 percentage points; or by 2) reducing scheduled benefits by an amount equivalent to an immediate and permanent reduction of about 21.0 percent applied to all current and future beneficiaries, or about 25.0 percent if the reductions were applied only to newly entitled beneficiaries. Alternatively, some combination of tax increases and benefit reductions could be adopted.

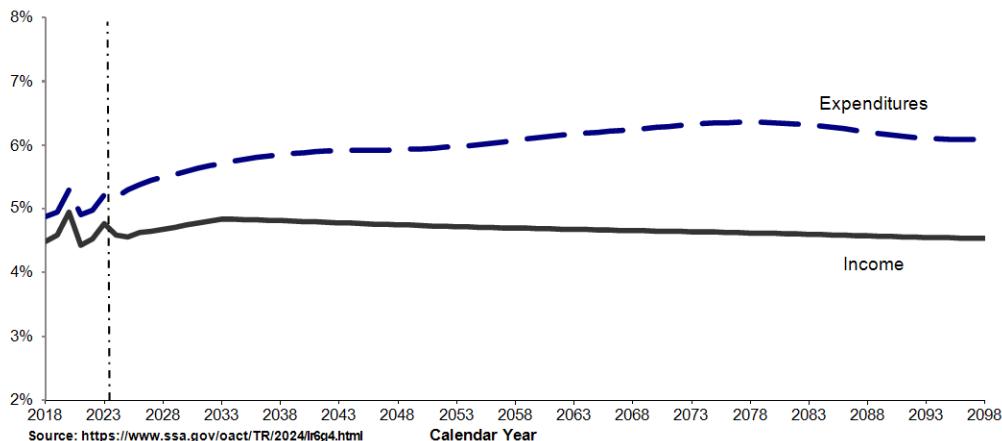
**Chart 2—OASDI Income (Excluding Interest) and Expenditures
as a Percent of Taxable Payroll
2018-2098**



Income and Expenditures as a Percent of GDP. Chart 3 shows estimated annual non-interest income and expenditures, expressed as a percent of GDP. Analyzing these cash flows in terms of percentage of the estimated GDP, which represents the total value of goods and services produced in the U.S., provides a measure of the cost of the OASDI program in relation to the size of the national economy that must finance it.

In calendar year 2023, OASDI cost was about \$1.4 trillion, which was about 5.1 percent of GDP. The cost of the program (based on current law) rises to a peak of 6.4 percent of GDP in 2078, then declines to 6.1 percent by 2098. The increase from 2023 to 2040 is projected to occur as baby boomers continue to become eligible for OASDI benefits, lower birth rates result in fewer workers per beneficiary, and beneficiaries continue to live longer. The decrease at the end of the period is projected to occur as smaller generations, due to reduced birth rates following the recession of 2007-2009, begin to retire.

**Chart 3—OASDI Income (Excluding Interest) and Expenditures
as a Percent of GDP
2018-2098**



Medicare Projections

Medicare Legislation. The projections presented here are based on current law, certain features of which may result in some challenges for the Medicare program. In 2010 the PPACA was signed into law and contains the most significant changes to health care coverage since the *Social Security Act*. In addition, the Medicare projections have been significantly affected by the enactment of the IRA of 2022. This legislation has wide-ranging provisions, including those that restrain price growth and negotiate drug prices for certain Part B and Part D drugs and that redesign the Part D benefit structure to decrease beneficiary out-of-pocket costs. The law takes several years to implement, resulting in very different effects by year. The total effect of the IRA of 2022 is to reduce government expenditures for Part B, to increase expenditures for Part D from 2027 through 2030, and to decrease Part D expenditures beginning in 2031.

Incorporated in these projections is the sequestration of non-salary Medicare expenditures as required by the following laws:

- *Budget Control Act of 2011* (P.L. 112-25, enacted on August 2, 2011), as amended by the *American Taxpayer Relief Act of 2012* (P.L. 112-240, enacted on January 2, 2013);
- *Continuing Appropriations Resolution, 2014* (P.L. 113-67, enacted on December 26, 2013);
- Sections 1 and 3 of P.L. 113-82, enacted on February 15, 2014;
- *Protecting Access to Medicare Act of 2014* (P.L. 113-93, enacted on April 1, 2014);
- BBA of 2015 (P.L. 114-74, enacted on November 2, 2015);
- BBA of 2018 (P.L. 115-123, enacted on February 9, 2018);
- BBA of 2019 (P.L. 116-37, enacted on August 2, 2019);
- The CARES Act (P.L. 116-136, enacted on March 27, 2020);
- The CAA, 2021 (P.L. 116-260, enacted on December 27, 2020);
- *An Act to Prevent Across-the-Board Direct Spending Cuts, and for Other Purposes* (P.L. 117-7, enacted on April 14, 2021);
- IIJA (P.L. 117-58, enacted on November 15, 2021);
- *The Protecting Medicare and American Farmers from Sequester Cuts Act* (P.L. 117-71, enacted on December 10, 2021);
- The CAA, 2023 (P.L. 117-328, enacted on December 29, 2022); and
- *National Defense Authorization Act, 2024* (P.L. 118-31, enacted on December 22, 2023).

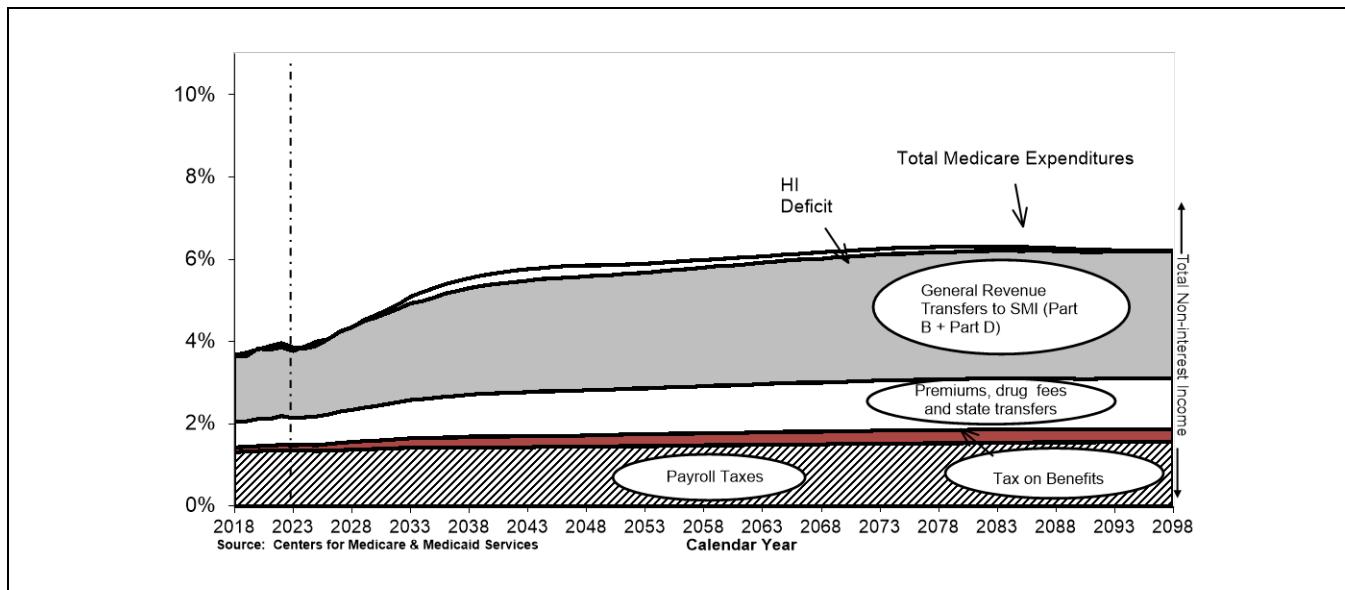
The sequestration reduces benefit payments by 2.0 percent from April 1, 2013 through April 30, 2020, by 1.0 percent from April 1, 2022 through June 30, 2022, by 2.0 percent from July 1, 2022 through October 31, 2032. Because of sequestration, non-salary administrative expenses are reduced by an estimated 5.0 to 7.0 percent from March 1, 2013 through October 31, 2032, excluding May 1, 2020 through March 31, 2022 when it was suspended.

The financial projections for the Medicare program reflect substantial, but very uncertain, cost savings deriving from current law provisions that lower increases in Medicare payment rates to most categories of health care providers, but such adjustments would probably not be viable indefinitely without fundamental change in the current delivery system. In view of the factors described above, it is important to note that Medicare's actual future costs are highly uncertain for reasons apart from the inherent challenges in projecting health care cost growth over time. For additional information refer to the "Medicare – Illustrative Alternative Scenario" section of Note 25—Social Insurance and HHS's financial statements.

Changes in Projection Methods. The long-range cost growth rates must be modified to reflect demographic impacts. In the 2021 report, these impacts reflected the changing distribution of Medicare enrollment by age and sex, and the beneficiary's proximity to death, which is referred to as a TTD adjustment. The TTD adjustment reflects the fact that the closer an individual is to death, the higher his or her health care spending is.

Total Medicare. Chart 4 shows expenditures and current-law non-interest revenue sources for HI and SMI combined as a percent of GDP. Under the PPACA, beginning in 2013 the HI Trust Fund receives an additional 0.9 percent tax on earnings in excess of \$250,000 for joint tax return filers and \$200,000 for individual tax return filers. As a result of this provision, it is projected that payroll taxes will grow slightly faster than GDP. Beginning in 2022, HI revenue from income taxes on Social Security benefits will gradually increase as a share of GDP as the share of benefits subject to such taxes increase. General Fund transfers are projected to gradually increase from 43.0 percent of Medicare financing in 2023 to about 50.0 percent in 2045, stabilizing thereafter. SMI premiums will also grow in proportion to general revenue transfers, placing a growing burden on beneficiaries. Medicare Part B and D general revenues equal 1.6 percent of GDP in 2023 and will increase to an estimated 3.1 percent in 2098 under current law.

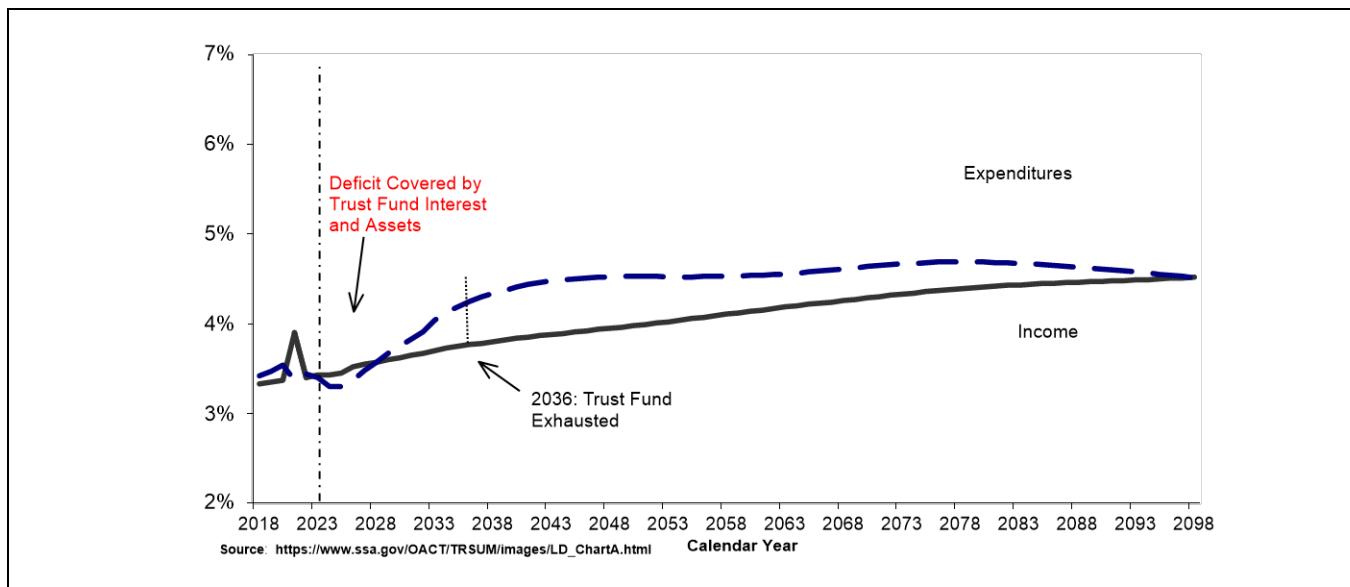
**Chart 4—Total Medicare (HI and SMI) Expenditures and Non-interest Income as a Percent of GDP
2018-2098**



Medicare, Part A Income and Expenditures as a Percent of Taxable Payroll. Chart 5 illustrates Medicare Part A income (excluding interest) and expenditures as a percentage of taxable payroll. The standard HI payroll tax rate is not scheduled to change in the future under current law and payroll tax income as a percentage of taxable payroll is estimated to remain constant at 2.9 percent. Income from taxation of Social Security benefits will also increase faster than taxable payroll because the income thresholds determining taxable benefits are not indexed for price inflation. Since these income thresholds are not indexed, over time an increasing proportion of workers and their earnings will become subject to the additional HI tax rate as discussed above.

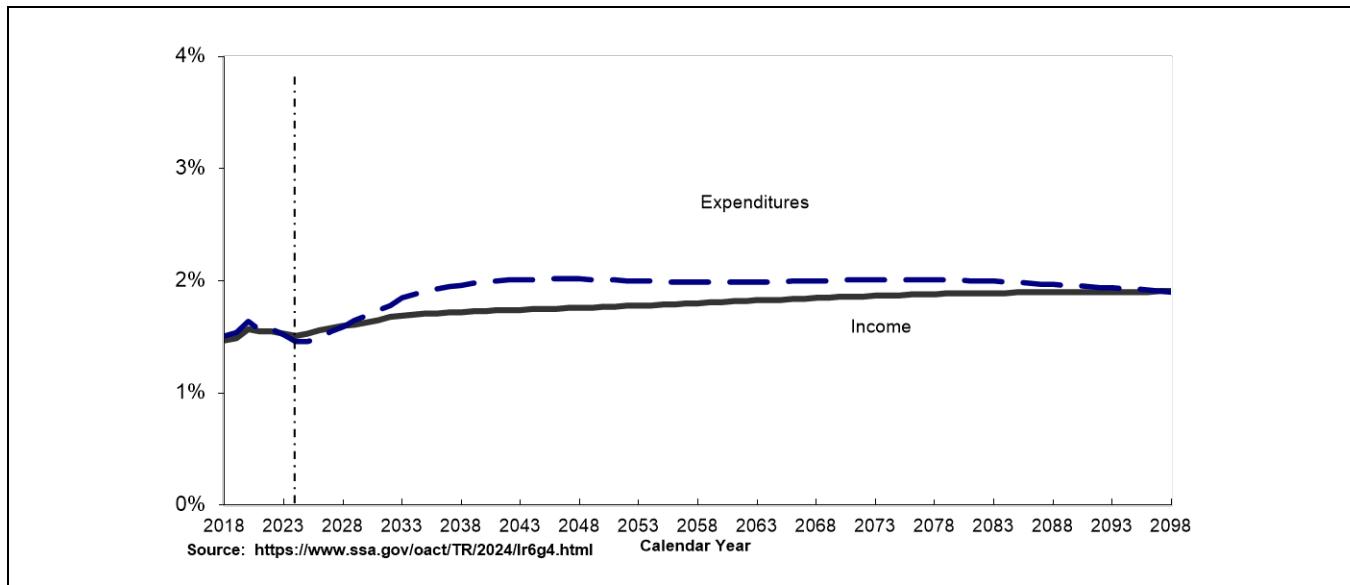
After remaining steady from 2023 through 2025, as indicated in Chart 5, the cost rate is projected to rise in 2026 and beyond primarily due to an acceleration of health service cost growth. This cost rate increase is moderated by the accumulating effect of the productivity adjustments to provider price updates, which are estimated to reduce annual HI per capita cost growth by an average of 0.5 percent through 2033 and 1.0 percent thereafter.

**Chart 5—Medicare Part A Income (Excluding Interest) and Expenditures
as a Percent of Taxable Payroll
2018-2098**



Medicare, Part A Income and Expenditures as a Percent of GDP. Chart 6 shows estimated annual Medicare Part A non-interest income and expenditures, expressed as a percent of GDP. This measure provides an idea of the relative financial resources that will be necessary to pay for Medicare Part A services. In 2023, the expenditures were \$0.4 trillion, which was 1.5 percent of GDP. This percentage is projected to increase steadily until about 2046 and then remain fairly level throughout the rest of the 75-year period, as the accumulated effects of the price update reductions are realized.

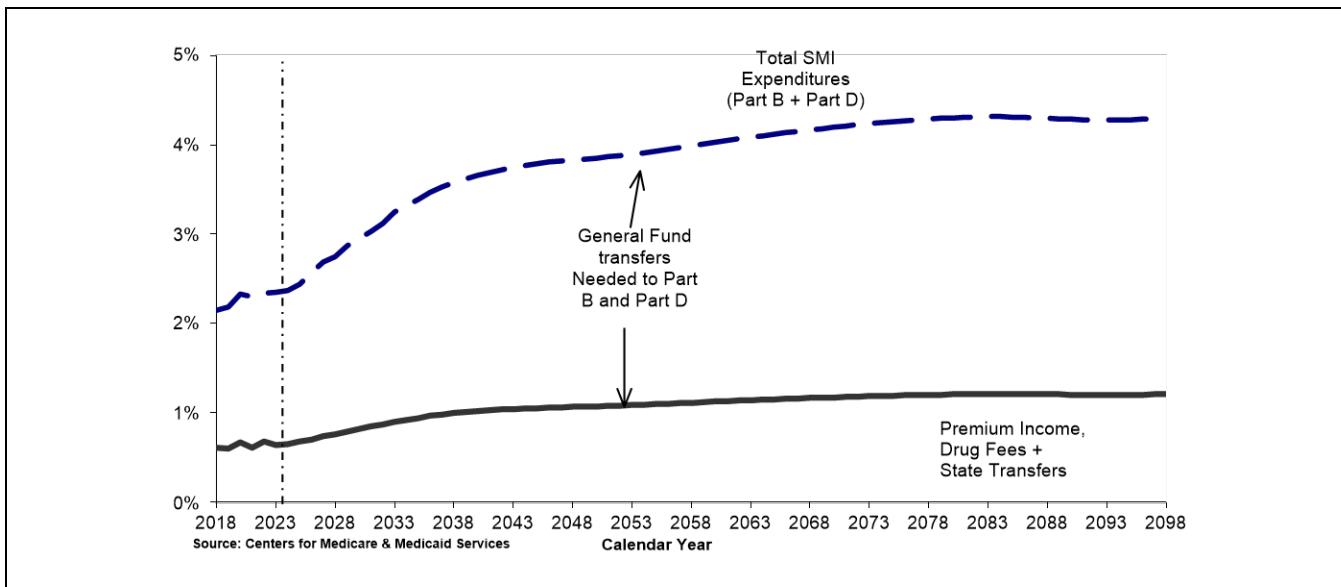
**Chart 6—Medicare Part A Income (Excluding Interest) and Expenditures
as a Percent of GDP
2018-2098**



Medicare Part B and Part D Premium as well as State Transfer Income and Expenditures as a Percent of GDP. Chart 7 shows expenditures for the Part B and D Program expressed as a percent of GDP. It is important to examine the projected rise in expenditures and the implications for beneficiary premiums and General Fund transfers.

In 2023, SMI expenditures were \$0.6 trillion, or about 2.3 percent of GDP. Under current law, they would grow to about 3.8 percent of GDP within 25 years and to 4.3 percent by the end of the projection period. To match the faster growth rates for SMI expenditures, beneficiary premiums, along with general revenue contributions, would increase more rapidly than GDP over time but at a slower rate compared to the last 10 years. Average per beneficiary costs for Part B and Part D benefits are projected to increase after 2023 by about 4.2 percent annually. The associated beneficiary premiums—and General Fund transfers would increase by approximately the same rate. The special state payments to the Part D account are set by law at a declining portion of the states' forgone Medicaid expenditures attributable to the Medicare drug benefit.

**Chart 7—Medicare Part B and Part D Premium and State Transfer Income and Expenditures as a Percent of GDP
2018-2098**



Social Security and Medicare Sensitivity Analysis

Projections of the future financial status of the Social Insurance programs depend on many demographic and economic assumptions. The estimates presented here are based on the assumption that the programs will continue under current law except that the full amount of Social Security and Medicare HI scheduled benefits are paid after trust fund depletion contrary to current law. Income will depend on how these factors affect the size and composition of the working population and the level and distribution of wages and earnings. Similarly, the cost will depend on how these factors affect the size and composition of the beneficiary population and the general level of benefits.

Because actual experience is likely to differ from the estimated or assumed values of these factors, this section is included to illustrate the sensitivity of the long-range projections to changes in assumptions by analyzing key assumptions: average annual reduction in death rates for Social Security, average annual growth in health costs for Medicare, total fertility rate, real-wage differential, CPI change, net immigration, and real interest rate.

For this analysis, the intermediate assumptions are used as the reference point, and each selected assumption is varied individually. The variation used for each individual assumption reflects the levels used for that assumption in the low-cost and high-cost projections. For example, when analyzing sensitivity with respect to variation in real wages, income, and expenditure projections using the intermediate assumptions are compared to the outcome when projections are done by changing only the real wage assumption to either low-cost or high-cost alternatives.

The following tables show the PV of the estimated excess of Social Security and Medicare cost over income for the 75-year period, using various assumptions, which are shown in parentheses. The low-cost alternative is characterized by assumptions that improve the financial status of the program (relative to the intermediate assumption) such as slower improvement in mortality (beneficiaries die younger). In contrast, assumptions under the high-cost alternative worsen the

financial outlook. All PV are calculated as of January 1, 2024 and are based on estimates of income and cost during the 75-year projection period 2024-2098. Refer to SSA's and HHS's unaudited RSI—Social Insurance section for additional information on the Social Insurance programs sensitivity analysis.

Assumption	Financing Shortfall Range		
	Low	Intermediate	High
Average annual reduction in death rates ¹	20.3 (0.3)	25.4 (0.7)	31.4 (1.2)
Total fertility rate	23.0 (2.1)	25.4 (1.9)	28.9 (1.6)
Real-wage growth ¹	20.5 (1.7)	25.4 (1.1)	28.4 (0.5)
CPI change	24.7 (3.0)	25.4 (2.4)	26.1 (1.8)
Net immigration ²	23.8 (1,683) ³	25.4 (1,244) ³	27.0 (829) ³
Real interest rate	21.6 (2.8)	25.4 (2.3)	30.2 (1.8)

¹ The amounts shown represent averages from 2033 to 2098 of the 75-year projection period.
² The amounts shown represent averages from 2034 to 2098 of the 75-year projection period.
³ Per thousands of persons.

Source: SSA

The decrease and increase discussed below represent how much the low and high alternatives differ from the intermediate alternative shown in the table above over the 75-year projection period.

- The average annual reduction in death rates: If people die at younger ages Social Security income relative to cost would decrease by \$5.1 trillion; if people live longer the shortfall would increase by \$6.0 trillion.
- Total fertility rate: Higher rates of fertility increase the ratio of workers to beneficiaries, all else equal. If there are more workers compared to beneficiaries Social Security income relative to cost would decrease by \$2.4 trillion; if there are fewer workers compared to beneficiaries the shortfall would increase by \$3.5 trillion.
- Real-wage growth: Higher real wage growth results in faster income growth relative to expenditure growth; if real-wage growth is higher Social Security income relative to cost would decrease by \$4.9 trillion; if real-wage growth is lower the shortfall would increase by \$3.0 trillion.
- CPI change: If the ultimate annual increase in the CPI percentage is higher Social Security income relative to cost would decrease by \$0.7 trillion; if the ultimate annual increase in the CPI percentage is lower shortfall would increase by \$0.7 trillion.
- Net immigration: If there is a larger increase in immigration levels then Social Security income relative to cost would decrease by \$1.6 trillion; if there is a smaller increase in immigration levels the shortfall would increase by \$1.6 trillion.
- Real interest rate: If the ultimate real interest rate is higher, then Social Security income relative to cost would decrease by \$3.8 trillion; if the ultimate annual real interest rate is lower, then the shortfall would increase by \$4.8 trillion.

Present Values of Estimated Medicare Part A Expenditures in Excess of Income Under Various Assumptions, 2024-2098

(Dollar values in trillions; values of assumptions shown in parentheses)

Assumption	Financing Shortfall Range		
	Low	Intermediate	High
Average annual growth in health costs	(7.4) ¹ (2.7)	2.6 (3.7)	18.6 (4.7)
Total fertility rate	1.8 (2.1)	2.6 (1.9)	3.9 (1.6)
Real wage growth	(1.4) ¹ (1.7)	2.6 (1.1)	5.3 (0.5)
CPI change	1.3 (3.0)	2.6 (2.4)	4.4 (1.8)
Net immigration	1.9 (1,723) ²	2.6 (1,269) ²	3.3 (837) ²
Real interest rate	2.3 (2.8)	2.6 (2.3)	3.0 (1.8)

¹ Average annual growth in health costs and real wage growth is projected to be negative for 2024.

² Per thousands of persons.

Source: Centers for Medicare & Medicaid Services

The decrease and increase discussed below represent how much the low and high alternatives differ from the intermediate alternative shown in the table above over the 75-year projection period.

- Average annual growth in health care costs: The financial status of the HI Trust Fund is extremely sensitive to the growth rates for health care service costs. Slower growth rates will produce a lower aggregate cost of providing covered health care services. If a slower growth rate is attained Medicare Part A income relative to cost would decrease by \$10.0 trillion; if the growth rate is higher the shortfall would increase by \$16.0 trillion.
- Total fertility rate: Higher rates of fertility increase the ratio of workers to beneficiaries, all else equal. If there are more workers compared to beneficiaries Medicare Part A income relative to cost would decrease by \$0.8 trillion; if there are fewer workers compared to beneficiaries, the shortfall would increase by \$1.3 trillion.
- Real-wage growth: Faster real-wage growth results in smaller HI cash flow deficits. If real-wage growth is higher Medicare Part A income relative to cost would decrease by \$4.0 trillion; if real wage growth is lower, the shortfall would increase by \$2.7 trillion.
- CPI change: If the ultimate annual increase in the CPI percentage is higher Medicare Part A income relative to cost would decrease by \$1.3 trillion; if the ultimate annual increase in the CPI percentage is lower the shortfall would increase by \$1.8 trillion.
- Net immigration: If there is a larger increase in immigration levels then Medicare Part A income relative to cost would decrease by \$0.7 trillion; if there is a smaller increase in immigration levels the shortfall would increase by \$0.7 trillion.
- Real interest rate: If the ultimate real interest rate is higher, Medicare Part A income relative to cost would decrease by \$0.3 trillion; if the ultimate real interest rate is lower, then the shortfall would increase by \$0.4 trillion.

Present Values of Estimated Medicare Parts B and D Future Expenditures Less Premium Income and State Transfers Under Three Health Care Cost Growth Assumptions, 2024-2098

Medicare Program ¹ (in trillions of dollars)	Government-wide Resources Needed		
	Low 2.7	Intermediate 3.7	High 4.7
Part B	30.2	42.4	61.7
Part D	5.6	7.8	11.3

¹ Annual growth rate is the aggregate cost of providing covered health care services to beneficiaries. The low and high scenarios assume that costs increase 1.0 percent slower or faster, respectively, than the intermediate assumption.

Source: Centers for Medicare & Medicaid Services

The table above shows the effects of various assumptions about the growth in health care costs on the PV of estimated Part B and D expenditures in excess of income in the terms of government-wide resources needed due to the financing mechanism (General Fund transfers) for Medicare Parts B and D. As with Part A, net Part B and D expenditures are very sensitive to the health care cost growth assumption. If a slower growth rate is attained government-wide resources needed for Part B would decrease by \$12.2 trillion and Part D by \$2.2 trillion; if the growth rate is higher, government-wide resources needed would increase to \$19.3 trillion for Part B and to \$3.5 trillion for Part D.

Sustainability of Social Security and Medicare

75-Year Horizon

According to the 2024 Medicare Trustees Report, the HI Trust Fund is projected to remain solvent until 2036 and, according to the 2024 Social Security Trustees Report, the OASI Trust Fund is projected to have sufficient reserves to pay full benefits on time until 2033 while the DI Trust Fund is not projected to be depleted within the projection period. In each case, some trust fund interest income and balances accumulated during prior years are needed to pay benefits. This leads to a repayment of loans made to the General Fund by the trust funds. The General Fund will pay back the trust funds and then the monies will be paid out to beneficiaries. Moreover, under current law, General Fund transfers to the SMI Trust Fund will occur into the indefinite future and will continue to grow with the growth in health care expenditures.

The potential magnitude of future financial obligations under these three social insurance programs is, therefore, important from a budget perspective as well as for understanding generally the growing resource demands of the programs on the economy. From the 75-year budget perspective, the PV of the additional resources that would be necessary to meet projected expenditures, for the three programs combined, is \$78.2 trillion. To put this figure in perspective, it would represent 4.3 percent of the PV of projected GDP over the same period (\$1,821.0 trillion). These resource needs would be in addition to the payroll taxes, benefit taxes, and premium payments. Asset redemptions and Medicare Part B and D general revenue transfers represent formal budget commitments, but no provision exists for covering the Medicare Part A and Social Security Trust Fund deficits once assets are depleted.

The table below shows the magnitudes of the primary expenditures and sources of financing for the three trust funds computed on an open-group basis for the next 75 years and expressed in PV terms. The data are consistent with the SOSI included in the principal financial statements.

From the government-wide perspective, the PV of the total resources needed for the Social Security and Medicare Programs over and above current-law funding sources (payroll taxes, benefit taxes, and premium payments from the public) is \$78.2 trillion. From the trust fund perspective, which counts the trust funds (\$3.2 trillion) and the general revenue transfers to the SMI Program (\$50.2 trillion) as dedicated funding sources, additional resources needed to fund the programs are \$24.8 trillion.

Present Values of Costs Less Revenues of 75-Year Open Group Obligations HI, SMI, and OASDI as of January 1, 2024					
(In trillions of dollars)	HI	Part B	Part D	SMI	Total
Revenues from the public:					
Taxes	32.1	-	-	91.3	123.4
Premiums and state transfers	0.4	16.3	3.2	-	19.9
Total	32.5	16.3	3.2	91.3	143.3
Total costs to the public	35.1	58.7	11.0	116.7	221.5
Net results - budget perspective ¹	2.6	42.4	7.8	25.4	78.2
Revenues from other government accounts	-	42.4	7.8	-	50.2
Trust fund balances as of 1/1/2024	0.2	0.2	-	2.8	3.2
Net results - trust fund perspective ¹	2.4	(0.2)	-	22.6	24.8

¹ Net results are computed as costs less revenues and trust fund balances. Negative values are indicative of surpluses.

Source: 2024 OASDI Trustees Reports and Centers for Medicare & Medicaid Services

Infinite Horizon

The 75-year horizon is consistent with the primary focus of the Social Security and Medicare Trustees Reports. Experts have noted that limiting the projections to 75 years understates the magnitude of the long-range unfunded obligations because summary measures (such as the actuarial balance and open-group unfunded obligations) reflect the full amount of taxes paid by the next two or three generations of workers, but not the full amount of their benefits. One approach to addressing the limitation of 75-year summary measures is to extend the projections horizon indefinitely, so that the overall results reflect the projected costs and revenues after the first 75 years. The open-group infinite horizon net obligation is the PV of all expected future program outlays less the PV of all expected future program tax and premium revenues. Such a measure is provided in the following table for the three trust funds represented above.

From the *Budget* or government-wide perspective, the values in line 1 plus the values in line 4 are summed in the last line of the table and represent the value of resources needed to finance each of the programs into the infinite future. The total resources needed for all the programs sums to \$167.7 trillion in PV terms. This need can be satisfied only through increased borrowing, higher taxes, reduced program spending, or some combination.

The second line shows the value of the trust fund at the beginning of 2024. For the HI and OASDI Programs this represents the extent the programs are funded from the trust fund perspective. From that perspective, when the trust fund is subtracted, an additional \$62.8 trillion is needed to sustain the Social Security program into the infinite future, while the Medicare Part A program reflects a projected surplus of \$15.3 trillion over the infinite horizon. As described above, from the trust fund perspective, the SMI Program is fully funded; from a government-wide basis, the substantial gap that exists between premiums, state transfer revenue, and program expenditures in the Part B and D Program (\$96.6 trillion and \$20.4 trillion, respectively) represents future general revenue obligations of the *Budget*.

In comparison to the analogous 75-year number in the table above, extending the calculations beyond 2098, captures the full lifetime benefits, plus taxes and premiums of all current and future participants. The shorter horizon understates the total financial needs by capturing relatively more of the revenues from current and future workers and not capturing all the benefits that are scheduled to be paid to them.

**Present Values of Costs Less Tax, Premium and State Transfer Revenue Through the Infinite Horizon,
HI, SMI, OASDI as of January 1, 2024**

(In trillions of dollars)	HI	Part B	SMI Part D	OASDI	Total
Present value of future costs less future taxes, premiums, and state transfers for current participants	13.2	35.0	6.1	52.6	106.9
Less current trust fund balance	0.2	0.2	-	2.8	3.2
Equals net obligations for past and current participants	13.0	34.8	6.1	49.8	103.7
Plus net obligations for future participants	(28.3)	61.8	14.3	13.0	60.8
Equals net obligations through the infinite future for all participants	(15.3)	96.6	20.4	62.8	164.5
Present values of future costs less the present values of future income over the infinite horizon	(15.1)	96.8	20.4	65.6	167.7

Source: 2024 OASDI and Medicare Trustees Reports

Railroad Retirement, Black Lung, and Unemployment Insurance

Railroad Retirement

The RRB was created in the 1930s to establish a retirement benefit program for the nation's railroad workers. The RRB and the SSA share jurisdiction over the payment of retirement and survivor benefits. Railroad retirement pays full retirement annuities at age 60 to railroad workers with 30 years of service and disability annuities based on total or occupational disability. It also pays annuities to certain beneficiaries of deceased railroad workers.

Payroll taxes paid by railroad employers and their employees provide a primary source of income for the Railroad Retirement and Survivors' Benefit Program. Other sources of program income include: the RRB-SSA-CMS Financial Interchanges with the Social Security and Medicare Trust Funds, federal income taxes on railroad retirement benefits, appropriations, and earnings on investments.

Revenues in excess of benefit payments are invested to provide additional trust fund income. Legislation enacted in 2001 allowed for Railroad Retirement Account funds transferred to the NRRIT to be invested in non-governmental assets, as well as in governmental securities.

Since its inception, NRRIT has received \$21.3 billion from RRB and returned \$34.3 billion. During FY 2024, the NRRIT made net transfers of \$1.2 billion to the RRB to pay retirement benefits. Administrative expenses of the trust are paid out of trust assets. The balance as of September 30, 2024, and 2023, of non-federal securities and investments of the NRRIT are disclosed in Note 7—Investments.

Black Lung

The Federal Coal Mine Health and Safety Act of 1969 created the BLDBP to provide compensation, medical, and survivor benefits for eligible coal miners who are totally disabled due to pneumoconiosis (Black Lung Disease) arising out of their coal mine employment and the BLDTF provides benefit payments when no responsible mine operator can be assigned the liability.

Black lung disability benefit payments are funded by excise taxes from coal mine operators based on the domestic sale of coal, as are the program's administrative costs. These taxes are collected by the IRS and transferred to the BLDTF.

P.L. 110-343, *Division B-Energy Improvement and Extension Act of 2008*, enacted on October 3, 2008, among other things, restructured the BLDTF debt by refinancing the outstanding high interest rate repayable advances with low interest rate discounted debt instruments similar in form to zero-coupon bonds, plus a one-time appropriation. This Act also allowed that any subsequent debt issued by the BLDTF may be used to make benefit payments, other authorized expenditures, or to repay debt and interest from the initial refinancing.

Unemployment Insurance

The UI Program was created in 1935 to provide income assistance to unemployed workers who lose their jobs generally through no fault of their own and are unemployed due to a lack of suitable work. The program protects workers during

temporary periods of unemployment through the provision of unemployment compensation benefits. The program is administered through a unique system of federal and state partnerships established in federal law but executed through conforming state laws by state officials. The federal government provides broad policy guidance and program direction through the oversight of DOL, while program details are established through individual state UI statutes, administered through state UI entities.

The UI Program is financed through the collection of federal and state unemployment taxes levied on subject employers and deposited in the UTF and federal appropriations. The fund was established to account for the receipt, investment, and disbursement of unemployment taxes. Federal unemployment taxes are used to pay for the administrative costs of the UI Program, including grants to each state to cover the costs of state UI operations and the federal share of extended UI benefits. Federal unemployment taxes are also used to fund an account within the UTF to make advances to state UI accounts when a state's UI account balance has been exhausted and the state is unable to make benefit payments.

Cash Flow Projections

Railroad Retirement Income and Expenditures. Railroad retirement cash flow projections are based on the intermediate set of assumptions used in the RRB's actuarial valuation of the program. Estimated railroad retirement annual revenue exceeds annual expenditures throughout the entire projection period. Without investment income, however, annual expenditures are greater than annual revenue throughout the entire period.

Sensitivity Analysis. The projections of the future financial status of the RRP depend on many economic and demographic assumptions. For additional information on the sensitivity of the long-range projections of the RRP and how the projections are impacted by changes in certain key assumptions, refer to RRB's financial statements.

Black Lung Projected Cash Inflows and Outflows, in Constant Dollars, for the Open Group. The significant assumptions used in the projections show that cash inflows from excise taxes will exceed cash outflows for benefit payments and administrative expenses only for FY 2026 and FY 2027 and the cash outflows for benefit payments and administrative expenses will exceed cash inflows from excise taxes in all other fiscal years through FY 2049.

Sensitivity Analysis. For the projected cash inflows and outflows with sensitivity analysis, in constant dollars for the open group, the significant assumption for medical cost inflation was increased while other significant assumptions were left unchanged. For additional information on the sensitivity of the projections of the BLDBP and how the projections are impacted by changes in assumptions, refer to DOL's financial statements.

Unemployment Insurance Projected Cash Inflows and Outflows, in Constant Dollars, Under Expected Economic Conditions. The significant assumptions used in the cash flow projections of the UTF show total cash inflow exceeds total cash outflow in all years in the projection period.

Sensitivity Analysis. The effect on the accumulated UTF assets of projected total cash inflows and cash outflows of the UTF, in constant dollars, over the ten-year period ending September 30, 2034, are demonstrated in two sensitivity analyses. Each sensitivity analysis uses an open group, which includes current and future participants in the UI Program. Sensitivity Analysis I assumes higher rates of unemployment and Sensitivity Analysis II assumes even higher rates of unemployment. In Sensitivity Analysis I, there is a net cash inflow in FY 2025, net cash outflows in FYs 2026 and 2027, and then net cash inflows again in FYs 2028 through 2034. In Sensitivity Analysis II, net cash outflows are projected in FYs 2025 through 2030, but inflows exceed outflows in FYs 2031 through 2034; net cash inflows are reestablished in FY 2031 and peak in FY 2034 with a decrease in unemployment rate in FY 2034. For additional information on the sensitivity of the projections of the UI Program, refer to DOL's financial statements.

Sustainability

Sustainability of Railroad Retirement from a trust fund perspective, when the trust fund balance (\$26.5 billion) and the financial interchange and transfers (\$92.0 billion) are included, the combined balance of the NRRIT, the Railroad Retirement Account, and the Social Security Equivalent Benefit Account show a slight surplus (\$2.1 billion). For additional information related to the sustainability of the RRP, refer to RRB's financial statements.

On September 30, 2024, total liabilities of the BLDTF exceeded assets by nearly \$6.6 billion. This net position deficit represents the accumulated shortfall of excise taxes necessary to meet benefit payments, administrative costs, and interest expense incurred prior to and subsequent to the debt refinancing pursuant to P.L. 110-343. Prior to the enactment of P.L. 110-343, this shortfall was funded by repayable advances to the BLDTF, which were repayable with interest. Pursuant to P.L. 110-343, any shortfall will be financed with debt instruments similar in form to zero-coupon bonds, with a maturity date of one year and bear interest at Treasury's 1-year rate.

The ability of the UI Program to meet a participant's future benefit payment needs depends on the availability of accumulated taxes and earnings within the UTF. The effect of projected benefit payments on the accumulated net assets of the UTF is measured, under an open group scenario, which includes current and future participants in the UI Program. As of September 30, 2024, total assets within the UTF exceeded total liabilities by nearly \$66.5 billion. At the present time there is

a surplus; any surplus of tax revenues and earnings on these revenues over benefit payment expenses is available to finance benefit payments in future periods when tax revenues may be insufficient.

For additional information related to the sustainability of the RRP, BLDBP, and UI refer to RRB's and DOL's financial statements.

Unemployment Trust Fund Solvency

Each state's accumulated UTF net assets or reserve balance should provide a defined level of benefit payments over a defined period. To be minimally solvent, a state's reserve balance should provide for one year's projected benefit payment needs based on the highest levels of benefit payments experienced by the state over the last 20 years. A ratio of 1.00 or greater indicates that the state UTF account balance is minimally solvent. States below this level are vulnerable to exhausting their funds in a recession. States exhausting their reserve balance must borrow funds from either FUA or the private markets to make benefit payments. FUA and Extended Unemployment Compensation Account outstanding advances were \$20 billion and \$8.5 billion, respectively, as of September 30, 2024.

The results of DOL's state by state analysis indicate 31 state UTF accounts and the accounts of the D.C., Puerto Rico, and the Virgin Islands were below the minimal solvency ratio of 1.00 at September 30, 2024. For additional information regarding the UTF accounts, refer to the DOL's financial statements.

Deferred Maintenance and Repairs

DM&R result from maintenance not being performed on a timely basis and is the estimated cost to bring government-owned PP&E to an acceptable condition. DM&R exclude the cost of expanding the capacity of assets or upgrading them to serve needs different from those originally intended. The consequences of not performing regular maintenance and repairs could include increased safety hazards, poor service to the public, higher costs in the future, and inefficient operations. Estimated DM&R costs are not accrued in the Statements of Net Cost or recognized as a liability on the Balance Sheets.

The amounts presented for DM&R are allowed to be measured using one of the following three methods:

- Condition assessment surveys which are periodic inspections of government-owned property to determine the current condition and estimated cost to bring the property to an acceptable condition.
- Life-cycle cost forecast that is an acquisition or procurement technique that considers operation, maintenance, and other costs in addition to the acquisition cost of assets.
- Any other method of choice that is similar to the condition assessment survey or life-cycle costing methods.

The table below of DM&R is presented as a single estimate in accordance with SFFAS No. 42, *Deferred Maintenance and Repairs: Amending Statements of Federal Financial Accounting Standards 6, 14, 29, and 32*. These amounts were all measured using the condition assessment survey method. Please refer to the individual financial statements of DOD, DOI, VA, DOE, and USDA for additional information on DM&R.

Deferred Maintenance and Repairs as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Asset category:		
Property, plant, and equipment	330.9	250.3
Heritage assets	37.6	32.0
Stewardship land	1.1	1.0
Total deferred maintenance and repairs	<u>369.6</u>	<u>283.3</u>

Other Claims for Refunds

Other claims for refunds are claims filed for which specific administrative actions such as review by the courts are required before payments can be made and unasserted claims for refund by taxpayers or importers that may or may not become payable depending upon the resolution of subsequent events. As stated in SFFAS No. 7, *Accounting for Revenue and Other Financing Sources and Concepts for Reconciling Budgetary and Financial Accounting*, unasserted claims for refund such as unfiled claims for refunds or drawbacks for which no claim has been filed, are not known, therefore estimates are not able to be determined, and are not recognized on the Balance Sheet. Claims filed for refunds where required administrative actions are not yet complete as of the close of the reporting period may not be known however, the refunds, may be reasonably estimable.

Management has estimated amounts that may be paid out as other claims for tax refunds. This estimate represents an amount (principal and interest) that may be paid for claims pending judicial review by the federal courts or, internally, by appeals. The total estimated payout (including principal and interest) for claims pending judicial review by the federal courts is \$0.9 billion and \$1.1 billion for FYs 2024 and 2023, respectively. For those under appeal, the estimated payout is \$3.5 billion and \$1.3 for FYs 2024 and 2023, respectively. To the extent judgments against the government for these claims prompt other similarly situated taxpayers to file similar refund claims, these amounts could become significantly greater.

Tax Assessments

The government is authorized and required to make inquiries, determinations, and assessments of all taxes that have not been duly paid. Unpaid assessments result from taxpayers filing returns without sufficient payment, as well as enforcement programs such as examination, under-reporter, substitute for return, and combined annual wage reporting. Under federal accounting standards, unpaid assessments are categorized as taxes receivable if taxpayers agree or a court has determined the assessments are owed. If neither of these conditions are met, the unpaid assessments are categorized as compliance assessments. Assessments with little or no future collection potential are called write-offs. Although compliance assessments and write-offs are not considered receivables under federal accounting standards, they represent legally enforceable claims of the government. There is, however, a significant difference in the collection potential between compliance assessments and receivables.

Compliance assessments and pre-assessment work in process are \$94.6 billion and \$97.7 billion for FYs 2024 and 2023, respectively. The amount of allowance for uncollectible amounts pertaining to compliance assessments cannot be reasonably estimated, and thus the net realizable value of the pre-assessment work-in-process cannot be determined. The amount of assessments that entities have statutory authority to collect at the end of the period but that have been written off and excluded from accounts receivable are \$86.4 billion and \$76.6 billion for FYs 2024 and 2023, respectively.

Federal Oil and Gas Resources

The DOI is responsible for managing the nation's oil and natural gas resources and the mineral revenues on federal lands, both onshore and on the Outer Continental Shelf. This management process can be broken down into six essential analysis components: pre-leasing, post-leasing and pre-production, production and post-production, revenue collection, fund disbursement, and compliance.

Federal Oil and Gas Resources as of September 30, 2024, and 2023						
(In billions of dollars)	Offshore 2024	Offshore 2023	Onshore 2024	Onshore 2023	Total 2024	Total 2023
Oil and lease condensate	35.0	33.3	30.8	29.4	65.8	62.7
Natural gas, wet after lease separation	1.8	1.8	13.0	14.2	14.8	16.0
Total	36.8	35.1	43.8	43.6	80.6	78.7

The above table presents the estimated PV of future federal royalty receipts on estimated proved reserves¹² as of September 30, 2024, and 2023. The federal government's estimated petroleum royalties have as their basis the DOE's EIA estimates of proved reserves. The EIA provides such estimates directly for federal offshore areas and they are adjusted to extract the federal subset of onshore proved reserves. The federal proved reserves were then further adjusted to correspond with the effective date of the actual production for calendar year 2022, the most recently published EIA proved reserves report and then are projected, separately for oil and natural gas, over time to simulate a schedule of when the reserves would be produced. Future royalties are then calculated from these production streams by applying future price estimates by the OMB, production growth estimates from the EIA's 2023 Annual Energy Outlook, and effective royalty rates. The valuation method used for gas captures royalties from three products—dry gas, wet gas, and natural gas liquids—which collectively are reported as natural gas, wet after lease separation. The PV of these royalties are then determined by discounting the revenue

¹² Per the EIA, lease condensate is a mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas plant liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. Also, per the EIA, natural gas, wet after lease separation, is the volume of natural gas remaining after removal of lease condensate in lease and/or field separation facilities, if any, and after exclusion of nonhydrocarbon gases where they occur in sufficient quantity to render the gas unmarketable. Natural gas liquids may be recovered from volume of natural gas, wet after lease separation, and at natural gas processing plants (https://www.eia.gov/dnav/ng/TblDefs/ng_prod_deep_tbldef2.asp).

stream back to the effective date at a public discount rate assumed to be equal to the OMB's estimates of future 30-year Treasury bill rates for offshore, and a weighted average of the U.S. Treasury yield curve from trading dates for the most recently completed fiscal year for onshore. The 30-year rate was chosen because this maturity life most closely approximates the productive lives of the proved reserves estimates.

Petroleum Category	Quantity (In millions)		Average Purchase Price (\$)		Average Royalty Rate (%)	
	2024	2023	2024	2023	2024	2023
Oil and lease condensate (Bbl):						
Offshore	4,712.4	4,434.0	79.52	78.52	13.36	13.45
Onshore	4,803.3	4,645.3	79.12	78.40	12.31	12.33
Total	<u>9,515.7</u>	<u>9,079.3</u>				
Natural gas, wet after lease separation (Mcf):						
Offshore	4,495.9	4,203.1	3.09	5.16	10.78	11.19
Onshore	47,462.0	43,543.2	3.05	5.70	10.23	11.00
Total	<u>51,957.9</u>	<u>47,746.3</u>				
Bbl = barrels						
Mcf = 1,000 cubic feet						

The table above provides the estimated quantity, a weighted average purchase price, and a weighted average royalty rate by category of estimated federal petroleum royalties at the end of FYs 2024 and 2023.¹³ The estimated quantities, average purchase prices and royalty rates vary by region; the above table reflects an overall weighted average purchase price and royalty rate, and is not presented on a regional basis, but is instead calculated based on regional averages. The prices and royalty rates are based upon historical (or estimated) averages, excluding prior-period adjustments, if any, and are affected by such factors as accounting adjustments and transportation allowances, resulting in effective average prices and royalty rates. Prices are valued at the lease rather than at the market center and differ from those used to compute the asset estimated PV, which are forecasted and discounted based upon OMB economic assumptions. For additional details on federal oil and gas resources, refer to the financial statements of DOI. In addition to the oil and gas resources discussed above, the federal government also owns oil and gas resources that are not currently under lease.

¹³ Gulf of Mexico proved reserves are royalty-bearing volumes. In the Gulf of Mexico, an additional 417.2 million Bbl for FY 2024 and 503.5 million Bbl for FY 2023 of proved oil reserves, and 312.8 million Mcf for FY 2024 and 426.2 million Mcf for FY 2023 of proved gas reserves are not reflected in these totals as they are estimated to be producible royalty-free under various royalty relief provisions. The NPV of the royalty value of the royalty-free proved reserves volumes in the Gulf of Mexico is estimated to be \$3.3 billion for FY 2024 and \$3.8 billion for FY 2023.

Federal Natural Resources Other than Oil and Gas

Federal Natural Resources Other than Oil and Gas as of September 30, 2024, and 2023

(In billions of dollars)	2024	2023
Coal royalties	11.6	8.5
Total	11.6	8.5

The ONRR within DOI is responsible for the management and collection of revenues associated with federal coal leases which are managed by the BLM within DOI. The ONRR achieves optimal value by ensuring that all natural resource revenues are efficiently and accurately collected as well as disbursed to recipients in a timely manner by performing audit and revenue compliance activities.

The Mineral Leasing Act of 1920, as amended, and the *Mineral Leasing Act for Acquired Lands of 1947*, as amended, gives DOI the responsibility for coal leasing on approximately 700 million acres of federal mineral estate which includes 570 million of acres where coal development is allowed. The surface estate of these lands may be under the control of BLM, the U.S. Forest Service (within USDA), private or state landowners, or other federal entities.

Public lands are available for coal leasing after the lands have been evaluated through a multiple-use planning process. DOI receives coal leasing revenues from a bonus paid at the time of the lease, an annual rent payment of \$3.0 per acre, and royalties paid on the value of the coal after it has been mined. The royalty rate for surface-mining methods is 12.5 percent and is 8.0 percent for underground mining, and the BLM can approve reduced royalty rates based on maximum economic recovery. Regulations that govern BLM's coal leasing program are contained in Title 43, Groups 3000 and 3400 of the CFR.

The above table presents the estimated PV of future federal coal royalty receipts on estimated recoverable reserves as of September 30, 2024, and 2023. The federal government's estimated coal royalties have as their basis the DOI's BLM estimates of recoverable reserves. The federal recoverable reserves are then further adjusted to correspond with the effective date of the analysis and then are projected over time to simulate a schedule of when the reserves would be produced. Future royalties are then calculated by applying future price estimates and effective royalty rates, adjusted for transportation allowances and other allowable deductions. The PV of these royalties are then determined by discounting the revenue stream back to the effective date at a public discount rate assumed to be equal to the OMB's estimates of future 30-year Treasury bill rates. The 30-year rate was chosen because this maturity life most closely approximates the productive lives of the recoverable reserves estimates.

In addition to the coal resources discussed above, the federal government has other natural resources under lease contract whereby the lessee is required to pay royalties on the sale of the natural resource. These natural resources include soda ash, potash (including muriates of potash and langbeinite phosphate), lead concentrate, copper concentrate, and zinc concentrate. Soda ash and potash have the largest estimated PV of future royalties. The federal government also owns coal resources and certain other natural resources that are not currently under lease. For additional details on federal natural resources-other than oil and gas, refer to the financial statements of DOI.

Land and Permanent Land Rights

Estimated Acreage by Predominant Use as of September 30, 2024, and 2023

(In thousands of acres)	Property, Plant, & Equipment			Property, Plant, & Equipment		
	Stewardship	Total Land ¹	2024	Stewardship	Total Land ¹	2023
Commercial use	73	192,401	192,474	205	192,406	192,611
Conservation and preservation ²	382	421,216	421,598	291	412,018	412,309
Operational	27,226	16,471	43,697	30,299	20,608	50,907
Total	27,681	630,088	657,769	30,795	625,032	655,827
Held for disposal or exchange			8			8

¹ Estimated acreage includes land and permanent land rights. Acreage of temporary land rights (those for a specified period of time or a limited duration) are not included pursuant to SFFAS No. 59, paragraphs 4 and 5.

² In addition to this land acreage, DOI's U.S. Fish and Wildlife Service manages 670,980 thousand acres of submerged lands in marine national monuments primarily for the benefit of fish and wildlife. Also, the government manages the Outer Continental Shelf acreage. The FY 2023 reported acreage was revised to conform with the FY 2024 presentation.

SFFAS No. 59, *Accounting and Reporting of Government Land* requires that the estimated acres of land and permanent land rights of PP&E land and stewardship land be presented as unaudited RSI for FYs 2022 through 2025. The estimated acreage will transition to note disclosures in FY 2026.

As defined in SFFAS No. 59, PP&E land is land used within the ordinary course of business to support the mission of the federal government and includes land acquired for or in connection with other PP&E. PP&E land excludes withdrawn public lands or land restricted for conservation, preservation, historical, or other like restrictions. Such land is categorized as stewardship land. Stewardship land includes both public domain and acquired land and land rights owned by the federal government intended to be held indefinitely and the majority was acquired by the government during the first century of the nation's existence. Land rights are interests and privileges held by the entity in land owned by others, such as leaseholds, easements, water and waterpower rights, diversion rights, submersion rights, rights-of-way, mineral rights, and other like interests in land. PP&E land rights and stewardship land rights that are for an unspecified period of time or unlimited duration are considered permanent land rights and are included in the estimated acreage table above. Land rights that are only for a specified period of time or a limited duration are considered temporary land rights. All temporary land rights will continue to be recorded under PP&E and depreciated over their time period after SFFAS No. 59 implementation.

All land and permanent land rights are reported in estimated acres using three predominant use categories including commercial use, conservation and preservation, and operational. The reporting of estimated acres of land held for disposal or exchange is also required. Commercial use land includes land or land rights that are predominantly used to generate inflows of resources from non-federal third parties, usually through special use permits, right-of-way grants, and leases. Examples of commercial use land are concession arrangements, grants for specific projects, and sales or land exchanges. Conservation and preservation land includes land or land rights that are predominantly used for the conservation of natural resources and preservation of buildings, objects, and landscapes. Examples of conservation and preservation land are national parks, geological resource sites, and wildlife and plant life refuges. Operational land includes land or land rights predominantly used for general or administrative purposes. Examples of operational land include land used for military, scientific, and nuclear functions.

In addition to the land acreage included in the table above, DOI's U.S. Fish and Wildlife Service manages 670,980 thousand acres of submerged lands in marine national monuments, related to conservation and preservation, primarily for the benefit of fish and wildlife. Also, the government manages the Outer Continental Shelf acreage. The FY 2023 reported acreage was revised to conform with the FY 2024 presentation.

Additional information concerning the estimated acres of land and permanent land rights can be obtained from the financial statements of DOI and USDA. Please refer to Note 6—Property, Plant, and Equipment, Net and Note 26—Stewardship Property, Plant, and Equipment for additional information concerning PP&E land and stewardship land.

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