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FEATURES

Profile of the Economy Financial Operations International Statistics Special Reports

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Profile of the Economy Federal Fiscal Operations Federal Debt Fiscal Service Operations Ownership of Federal Securities U.S. Currency and Coin Outstanding and in Circulation

Profile of the Economy

(Office of Macroeconomic Analysis)

November 16, 2022

Introduction

In the third quarter of 2022, U.S. economy continued to show strength and resilience in the face of global headwinds. A strong rebound in GDP in the third quarter more than recovered the consecutive losses in the first half of 2022, and year-to-date real GDP growth is positive. Labor markets remained tight—payroll job growth remained strong, unemployment rates were historically low, and high levels of job openings and quits rates pointed to robust demand for labor—with some signs that labor demand and supply are slowly realigning. Meanwhile, other non-labor indicators also suggested expansion. Of the six indicators used to determine business cycles, all were at, or near, all-time peaks. Although inflation remained elevated in the third quarter, price growth was the slowest since the first quarter of 2021 as energy prices fell. By contrast, food inflation remained brisk while core (excludes energy and food prices) held steady at a strong pace in the third quarter—due to continued strong demand for core goods and high, persistent shelter inflation.

Looking ahead, there are upside and downside risks to the economic outlook. For potentially favorable developments, supply-chains may continue to recover and relieve upstream price pressures on inflation. In addition, wage growth is trending to a pace more consistent with the FOMC's 2-percent inflation target. For potentially adverse developments, global economic growth is threatened by Russia's invasion of Ukraine, impending oil production cuts by OPEC+, and financial instability in certain major international economies. Moreover, Asia could face a resurgence of COVID-19 which could threaten supply-chain disruptions and renew price pressures for core goods. The International Monetary Fund (IMF) now projects subpar global growth, which may feed back into the U.S. outlook by weakening international demand for U.S. goods and service exports. Nonetheless, the U.S. economy has exhibited remarkable resilience in the face of headwinds in recent years, and the Administration's economic policies will promote sustainable and equitable growth.

Economic Growth

Real GDP rose 2.6 percent at an annual rate in the advance estimate of third quarter economic activity. The quarterly gain returned the economy to positive, year-to-date growth. Expansion was propelled primarily by a strong contribution from net exports—particularly trade in goods— and, to a lesser extent, private consumption of services. Over the most recent four quarters, real GDP was up 1.8 percent, matching the pace over the four quarters through the second quarter.

Real private domestic final purchases (PDFP)—the sum of personal consumption, business fixed investment, and residential investment—ticked up 0.1 percent in the third quarter, slowing from a 0.5 percent gain in the second quarter. This measure—which excludes government spending, international demand for goods and services, and the change in private inventories— is typically

a stronger indicator of future GDP increases and represents the private sector's capacity to generate self-sustaining growth.

Real PCE—the largest component of PDFP and roughly two-thirds of real GDP—rose by 1.4 percent in the third quarter on an annualized basis, slowing from a 2.0 percent pace in the second quarter. The third quarter reading suggested that households are continuing to rotate consumption patterns toward pre-pandemic patterns, in which services dominate—though the adjustment remains slow. Although the services share of PCE has ticked up from 65 percent in early 2021 to 66 percent in the third quarter of 2022, it remains below the pre-pandemic average of about 69 percent. Consumption of services rose 2.8 percent, led by demand for health care services and other services, including financial services, restaurants, and travel-related businesses. Meanwhile, consumption of goods fell by 1.2 percent, reflecting lower spending on both durable and nondurable goods.

Business fixed investment (BFI) surged by 3.7 percent at an annual rate in the third quarter, after ticking up by 0.1 percent in the second quarter. The reading marked the ninth consecutive quarterly increase in BFI. Third quarter BFI growth was led by a 10.8 percent rebound in equipment investment, which followed a 2.0 percent decline in the previous quarter. Investment in intellectual property products rose 6.9 percent—strong but somewhat slower than the second quarter's 8.9 percent pace. By contrast, investment in structures posed a drag on growth for the sixth consecutive quarter, falling 15.3 percent in the third quarter after dropping 12.7 percent in the second quarter.

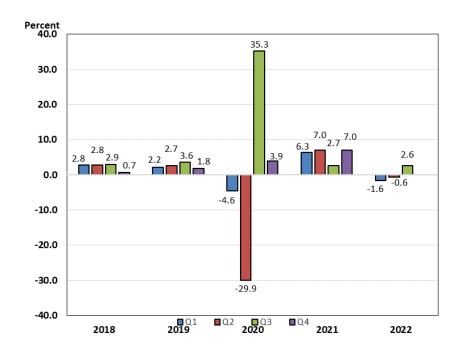
Real residential investment—the third and final component of PDFP—dropped 26.4 percent at an annual rate in the third quarter, after falling 17.8 percent in the second quarter. The contraction in this sector, which started in the second quarter of 2021, has accelerated, reflecting the ongoing correction in housing markets and tighter monetary policy. In the third quarter, lower residential investment was led by less new single-family construction. Single-family structures spending fell 36.3 percent while multi-family structures investment was down 5.5 percent. Other structures investment—which includes manufactured homes, group housing, and ancillary spending like brokers' commissions—dropped 21.5 percent in the third quarter.

The remaining components of GDP comprise the change in the buildup or drawdown of private inventories, international demand, and public sector demand. The change in private inventories (CIPI) continued to pose a drag on the economy's performance in the third quarter. Although firms added \$61.9 billion (constant 2012 dollars) to inventories in the third quarter, the buildup slowed from a \$110.2 billion increase in the second quarter. As a result, CIPI subtracted 0.7 percentage points from real GDP growth in the third quarter. Inventories tend to be a volatile component of GDP and became even more so through the pandemic, given changing household consumption patterns and supply-chain disruptions.

On the international side, the narrowing of the trade deficit was the largest driver of GDP growth in the third quarter. Net exports increased by \$156.5 billion to -\$1,274.0 billion, adding 2.8 percentage points to third quarter GDP growth. Total exports of goods and services surged by 14.4 percent at an annual rate, led by exports of industrial supplies and materials (especially petroleum, petroleum products, and other nondurable goods) as well as exports of services

(including travel and financial services). Meanwhile, total imports decreased 6.9 percent. The increase in net exports was the second consecutive quarter of improvement.

After subtracting from GDP growth in each of the previous five quarters, public-sector demand for goods and services rose by 2.4 percent at an annual rate. Federal government consumption and investment grew by 3.7 percent, driven by defense spending, while state and local government consumption increased 1.7 percent, mainly reflecting increases in compensation for state and local government workers.



Growth of Real GDP (Quarterly percent change at annual rate)

Labor Markets and Wages

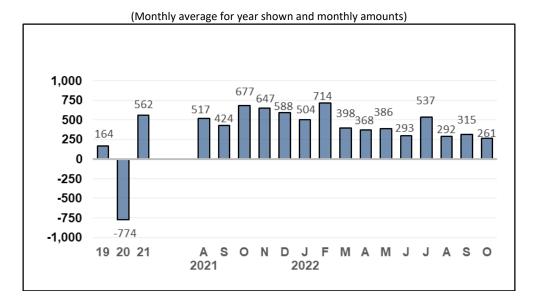
Labor markets have remained very tight in the third quarter, despite some signs of loosening at the margins. Firms have added 4.1 million jobs in the first ten months of the year—the secondstrongest year-to-date gain in 75 years and following record employment gains in 2021. Notably, during the third quarter, the economy surpassed pre-pandemic employment levels as of August 2022. In 2021, the headline unemployment rate registered the largest drop on record in a single calendar year, falling from 2.8 percentage points to 3.9 percent; since March, the unemployment rate has fluctuated in a very low range of 3.5 percent to 3.7 percent. As of October, the unemployment rate stood at 3.7 percent, just 0.2 percentage points above the prepandemic five-decade low. The broadest measure of unemployment—the U-6 rate, a measure of labor underutilization that includes underemployment and discouraged workers in addition to the unemployed—also continued to decline in 2022, falling to 6.7 percent in June and July, the lowest U-6 rate in the history of the series, which dates from January 1994. As of October, the U-6 rate had ticked up to 6.8 percent. The long-term (27 or more weeks) unemployment rate, also expressed as a percentage of the labor force, also dropped sharply last year, and stood at 0.65 percent in September, below its level before the pandemic. As of October, this measure had risen somewhat to 0.71 percent.

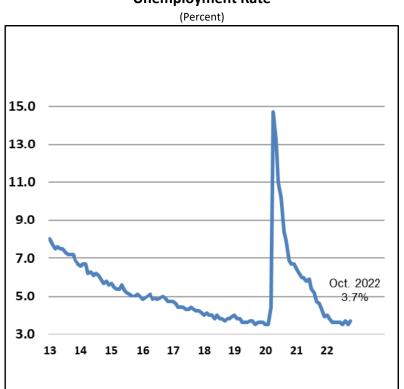
By contrast, the recovery in labor force participation seen through the first quarter has stalled thereafter. Although total labor force participation rate (LFPR) climbed to 62.4 percent in March 2022—just 1.0 percentage point below the pre-pandemic rate, it has fluctuated between 62.1 percent and 62.4 percent since then. As of October 2022, total LFPR stood at 62.2 percent. For prime-age (ages 25 to 54) workers, the LFPR climbed to 82.8 in August, just 0.3 percentage points below the nearly twelve-year high of 83.1 percent reached in January 2020, but by October had declined to 82.5 percent. For those workers aged 55 years or older, the LFPR reached 39.1 in February 2022 but has since trended down to 38.9 percent as of October. Between 2016 and 2019, the LFPR for those 55 or older averaged 40.1 percent but has averaged 38.8 percent since early 2020, possibly suggesting a downward shift in labor force participation among older adults due to such factors as Covid concerns and rising retirement rates.

Notwithstanding signs of loosening at the margins, the gap between labor supply and demand remains significant. The demand for labor has hovered near record highs for the past eighteen months. Before the pandemic, the record for the number of job openings was 7.6 million in November 2018. Yet vacancies peaked in March 2022 at 11.9 million, or roughly 57 percent above the pre-pandemic high. Although job openings have declined in the intervening months, they were still at 10.7 million as of the end of September 2022 (latest available data)—or 42 percent above the pre-pandemic peak. The excess demand for labor has provided workers consequential leverage in terms of job mobility and wage demands. For example, the quits rate remains exceptionally strong: by the end of September 2022, the number of job quits was at 4.1 million, almost 12 percent above the pre-pandemic high. Moreover, the official number of unemployed persons per job opening ticked down in September to 0.5 workers, returning to the record low and remaining significantly below the average ratio of 1.0 that prevailed during the three years before the pandemic.

Strong nominal wage growth has been a hallmark of tight labor markets in the United States, although wage growth has slowed at the margin in very recent months. For production and nonsupervisory workers, nominal average hourly earnings increased 5.5 percent over the year through October 2022—slower than the 6.6 percent average of this metric over the first half of 2022 and slower than the 6.4 percent pace registered over the year through October 2021. The Employment Cost Index (ECI), which better controls for changes in labor composition and is a more comprehensive measure of total compensation, showed private sector wages increasing 5.2 percent over the twelve months ending in September 2022, decelerating from the twelve-month pace of 5.7 percent through June.

Payroll Employment





Unemployment Rate

Nonfarm Productivity of Labor

Quarterly productivity growth rates have fluctuated markedly over the past several quarters. In the first two quarters of this year, nonfarm productivity growth rates had back-to-back declines as strong labor markets led to increased hours worked while real output decreased. In the third quarter, however, productivity growth ticked up by 0.3 percent at an annual rate as a 2.8 percent advance in real output slightly offset a 2.4 percent increase in hours of all persons. However, on a year-over-year basis, productivity growth was down 1.4 percent through the third quarter of 2022, following a decline of 2.1 percent over the four quarters through the second quarter. The latter was the largest four-quarter decline since 1974.

Nominal hourly compensation costs in the nonfarm business sector rose 3.8 percent at an annual rate in the third quarter of 2022, after advancing 4.5 percent in the second quarter of the year. Compensation costs rose at a solid 4.7 percent over the four most recent quarters, slowing from a 5.5 percent, year-earlier pace. Unit labor costs, defined as the average cost of labor per unit of output, were up 3.5 percent at an annual rate in the third quarter, slowing sharply from rates above 8 percent in the first and second quarters of the year. These costs were up 6.1 percent over the most recent four quarters, accelerating from the 5.7 percent pace over the four quarters through the third quarter of 2021.

Industrial Production, Manufacturing, and Services

Total industrial production trended higher in 2021 through April of this year but has leveled off since, despite signals that supply-chain disruptions are easing. In October, output at factories, mines, and utilities ticked down 0.1 percent. Although October's read was the fourth monthly decrease in the past six months, total industrial production still was up 3.3 percent over the previous twelve months, albeit a smaller twelve-month increase than the 4.7 percent gain over the previous twelve months.

Manufacturing production, which accounts for about 74 percent of all industrial output, has fared better in recent months, after posing a drag on total production growth in the second quarter of 2022. In October, manufacturing output advanced 0.1 percent—the fourth consecutive monthly increase—and was 2.4 percent higher over the past year. In contrast to earlier in the year, the automotive sector was supportive of growth in the last two months: production of motor vehicles and parts was up 2.0 percent in October, following a 0.4 percent gain in September. Moreover, production was 10.7 percent higher over the year ending October 2022, reflecting increased availability of semiconductors. Nonetheless, other measures of manufacturing decreased in October. Output at select high-technology factories fell 0.6 percent but was up 2.6 percent over the past year. Excluding motor vehicles and parts and high-technology industries, manufacturing output was flat in October, but this measure was still 1.8 percent higher over the past year through October.

Output at mines, most of which is crude oil and natural gas extraction and related support activities, accounts for 16 percent of industrial output. As a result, mining activity is sensitive to energy prices; the trend of rising energy prices in 2021 and well into 2022 contributed to strong mining output growth. Nonetheless, mining activity began to trend somewhat lower in August in the wake of declining energy prices over the summer and decreased 0.4 percent in October.

Monthly oil and gas extraction fell 0.9 percent in October, following a 0.7 percent gain in September, as producers reacted to the decline in oil and gasoline prices over the summer. Nonetheless, oil and gas extraction was 4.0 percent higher over the year through October 2022, while mining output was up 6.9 percent.

Utilities output, the remaining 10 percent of total industrial output, dropped 1.5 percent in October, the third consecutive monthly decline. Weather is usually a factor contributing to swings in this sector; unseasonable weather in months often causes sharp swings in output from one month to the next. Over the 12 months through October, utilities production was up 2.5 percent.

According to survey measures of manufacturing and service-sector businesses, growth has remained positive so far this year, though it has slowed over the past several months. The Institute for Supply Management's (ISM) manufacturing index peaked in March 2021 and has declined on net since As of October 2022, the manufacturing index was at 50.2, the lowest reading since May 2020 but signaling growth for the 29th consecutive month. Similarly, the ISM's services index has trended lower since reaching an all-time high of 68.4 in November 2021. As of October, it had dropped to 54.4—also the lowest level since May 2020but also the 29th consecutive month.

Housing Markets

The correction observed in housing markets earlier this year has deepened in recent months, as rising mortgage rates and high house prices diminished demand. Since the start of this year, existing and new home sales have trended lower. In September, existing home sales—which account for 90 percent of all home sales—declined 1.5 percent over the month and were down 23.8 percent on a twelve-month basis. Similarly, new single-family home sales dropped 10.9 percent in September, declining for the seventh month of the past nine. New home sales were 17.6 percent lower over the year. Given falling sales, inventories of homes available for sale have risen from all-time lows. The months' supply of existing homes for sale stood at 3.2 months in September, fully double the supply available at the beginning of the year—but still below the average 3.9 months of supply in 2019. Inventories have also surged for the new homes market. Months' supply stood at 9.2 months in September, up from 5.7 months of sales in January.

Measured with a lag, house prices remain elevated after accelerating sharply over the past two years. Twelve-month rates have remained in the double-digits for nearly two years. Nonetheless, those rates have slowed in recent months; on a monthly basis, house price indices have declined outright as demand has declined. The Case-Shiller national house price index— which measures sales prices of existing homes—declined 1.1 percent in August, yet was up 13.0 percent over the year ending in August 2022. Twelve-month grow has slowing markedly from the 20.0 percent advance of the year through August 2021. Similarly, the FHFA house price index declined 07 percent in August but still was up 11.9 percent over the year ending in August (not seasonally adjusted), down from 18.5 percent pace during the previous year through August.

Meanwhile, new construction starts and permits for future starts have weakened further. Single-family housing starts dropped 6.1 percent in October, the ninth monthly decline in the past twelve months. Single-family permits were down 3.6 percent in October, the eighth consecutive monthly decline. Construction also declined the volatile multi-family sector: in October, these starts declined 1.2 percent and multi-family permits decreased 1.0 percent.

Although starts and permits have fallen, activity in the housing sector remains elevated as builders work through construction backlogs. The number of total homes under construction— both single-family and multi-family—rose to a series' high of 1.72 million in October (data series begins in 1970). Despite the large number of projects under way, builders are pessimistic about the conditions of single-housing markets. The National Association of Home Builders' housing market index dropped to 38 in October on a preliminary basis, less than half the level of 84 at the end of last year, suggesting that home builder sentiment has deteriorated sharply in the wake of higher mortgage rates and rising materials costs.

Prices

Inflation has remained elevated in 2022, although monthly increases in recent months have been noticeably slower than in the spring and early summer. In July and August monthly headline consumer price index (CPI) inflation was 0.0 percent and 0.1 percent, respectively, reflecting falling energy prices, which offset still-strong price growth for food and core goods and services. In September, CPI inflation picked up to 0.4 percent and remained at that pace in October—though this is still at least half the monthly rates seen in the first and second quarters. The CPI for energy goods and services declined in each month of the third quarter, dropping a cumulative 11.3 percent since June but rebounded 1.8 percent in October. Food price inflation has trended lower, slowing from 1.2 percent in May to 0.6 percent in October—yet still remains elevated.

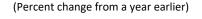
Core CPI inflation (which strips out the volatile energy and food components) has been elevated for much of this year, ranging between 0.3 percent and 0.7 percent. (In October, monthly core inflation was 0.3 percent, half the rate of the previous two months.) Price growth for services has been the largest driving force behind core CPI inflation in recent months; persistent and strong growth of shelter prices, such as rents and owners' equivalent rents, has set a high floor for core services inflation. Core goods prices, meanwhile, have been slowing markedly, helping to contain core inflation readings.

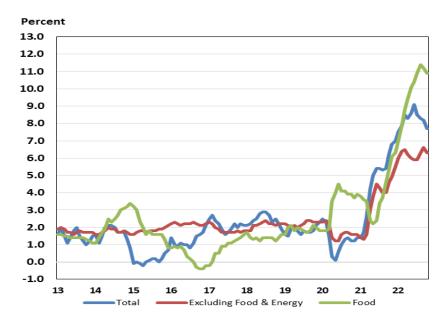
On a twelve-month basis, inflation readings have been mixed. Over the year ending October 2022, CPI inflation was 7.7 percent—more than a full percentage point slower than the 9.1 percent pace recorded over the year through June. Energy price inflation was 17.6 percent over the twelve months ending in October, well-below the 41.6 percent twelve-month growth seen in June—the peak of which followed the Russian invasion of Ukraine. By contrast, food price inflation continued to increase, rising by 10.9 percent over the year through October, compared with a reading of 10.4 percent over the twelve months through June. Core inflation also picked up, rising 6.3 percent over the year ending in October, from 5.9 percent over the year through June. As with monthly inflation, price growth of core services—driven by strong shelter inflation—was the primary driver of faster core inflation. Core services rose 6.7 percent over the year through October, the fastest rate in forty years, again elevated by shelter inflation—over the

twelve months through October, the CPI for rents rose 7.5 percent, while owners' equivalent rent rose 6.9 percent over the same period. Over the year through October, core goods inflation was 5.1 percent, much less than one-half the 12.3 percent yearly rate through February 2022.

The Federal Reserves' preferred measure of inflation is the PCE price index. The PCE price index assigns different weights for different components than does the CPI and uses a different methodology in its calculation—though the drivers of both measures remain similar. Inflation as measured by the PCE price index typically runs at a slower pace than CPI inflation due to these methodological and weighting differences-for instance, the PCE price indices have a higher weight for health care services, which have seen more normal rates of price increases. From 2000 to 2019, headline PCE inflation was 0.3 percentage points slower than CPI inflation on a year-over-year basis, while core PCE inflation was typically 0.3 percentage points slower than core CPI inflation. Since spring 2021, however, the gaps have widened considerably. As of September 2022, PCE inflation was 6.2 percent on a year-over-year basis, or 2.0 percentage points below the comparable timeframe for CPI inflation. The gap between core measures has also widened—though to a lesser extent. Core PCE inflation was 5.1 percent over the year ending September, compared to 6.6 percent inflation as measured by the core CPI over the same time frame. (Prior to March 2021, inflation as measured by the PCE price index had held below the FOMC's target since November 2018, which contributed to the FOMC adopting a new inflation regime. The flexible average inflation target regime allows for inflation to exceed 2 percent for some period, such that PCE inflation would average 2 percent over time.)

Consumer Prices





Consumer and Business Sentiment

Factors including perceptions of broad inflationary pressures in the economy, rising interest rates, and concerns about impending recession have dampened consumer and business sentiment. The Reuters/Michigan consumer sentiment index has trended much lower since April 2021, reaching a record low of 50.0 in June 2022 (series debuted in November 1952) before moving steadily higher to 59.9 in October as gasoline prices moved lower. However, the index declined 5.2 points to 54.7 in the preliminary survey for November. The index is still more than 17 points *below* the early-pandemic low reached in April 2020. The move to a much lower range in 2022 has reflected ongoing concerns about rapid inflation in the economy and the use of tighter monetary policy to contain it as well as about the fallout from Russia's illegal invasion of Ukraine and its impact on food and energy prices. Concerns about the impacts from new variants of the COVID-19 virus have stabilized, but there are widespread fears that the economy may enter recession near term.

In The Conference Board's alternative household survey, consumer confidence index has slowly trended lower since June 2021, though to a lesser extent than the Reuters/Michigan survey. Nonetheless, between July and September of this year, consumer mood improved on declining gasoline prices, such that the index rose to 107.8 in September – more than 22 points *above* the early-pandemic low reached in April 2020. In the most recent survey for October, however, the index dropped 5.3 points to 102.5.

On the business side, the National Federation of Independent Business's (NFIB) small business optimism index has trended lower since mid-2021. As of October 2022, the small business optimism index stood at 91.3—or just 0.4 points *above* the pandemic low. This marked the tenth consecutive month below the pre-pandemic long-term average of 98.

Federal Budget Deficit and Debt

The federal government's deficit and debt were trending higher before the pandemic but rose sharply following the multiple fiscal responses to combat the pandemic's effects on the economy. At the end of fiscal year 2022, the federal government's budget deficit was \$1.38 trillion (5.5 percent of GDP)—down from \$2.78 trillion (12.3 percent of GDP) at the end of fiscal year 2021. Despite the decline in the deficit of \$1.40 trillion in the most recent fiscal year, the deficit was still up from 4.7 percent of GDP in fiscal year 2019, and also higher than the 40-year average of 3.8 percent. Federal receipts totaled \$4.90 trillion in fiscal year 2022, up \$850 billion (21.0 percent) from fiscal year 2021. Net outlays for fiscal year 2021 were \$6.27 trillion, down \$550 billion (-8.1 percent) from fiscal year 2021, primarily due to the expiration of temporary programs to contain the pandemic and mitigate the impact on families and businesses.

The Treasury's borrowing limit was raised to \$31.38 trillion in December 2021. At the end of fiscal year 2022, gross federal debt was \$30.9 trillion, up from \$28.4 trillion at the end of fiscal year 2021. Federal debt held by the public, which includes debt held by the Federal Reserve but excludes federal debt held by government agencies, rose from \$22.3 trillion at the end of fiscal year 2021 (98.4% of GDP) to \$24.3 trillion by the end of fiscal year 2022 (997.2% of GDP).

Economic Policy

As the pandemic's impact on economic activity has waned and inflation has grown as the chief economic concern, fiscal and monetary policy have shifted away from income support measures to policies to ease price pressures. Early in the pandemic, the objective of policy was to mitigate the impact of COVID on the economy and provide financial support to households and business. In various bills passed from March 2020 to March 2021, Congress authorized over \$4 trillion to support the economy and provide necessary health resources to combat the pandemic. At the same time, the Federal Open Market Committee (FOMC), the governing board of the Federal Reserve system, dropped the federal funds rate target range to 0.00-0.25 percent and erected several lending facilities to ensure market liquidity.

In late-2021 and early-2022, however, the objective of public policy turned toward addressing inflation, which was being elevated in part by shifts in consumption behavior from services to goods, supply-chain disruptions, and labor force shortages. Congress's first bill to address supply-chain vulnerabilities over the long term was the Infrastructure Investment and Jobs Act of 2021, which among its provisions appropriated funds to rebuild deteriorating transportation infrastructure. Meanwhile, the Administration's Build Back Better framework was modified into a second bill in 2022 that would address other long-run supply-side vulnerabilities, particularly those arising from climate change. On August 16, 2022, President Biden signed the Inflation Reduction Act, which included provisions to reduce health care costs for prescription drugs and health care coverage as well as an additional \$370 billion for measures to reduce emissions and substantial deficit reduction through improved tax compliance and closing of tax loopholes.

On the monetary policy side, the FOMC began to tighten monetary policy in 2022 in light of the persistence of inflation. At the March 2022 meeting, the FOMC launched a new cycle of monetary policy tightening, raising the target range by 25 basis points to 0.25 to 0.50 percent. At subsequent meetings through the most recent meeting in early November, the Committee has hiked the target range by a further 350 basis points, including four separate and consecutive increases of 75 basis points each. In the accompanying statement for the November meeting, the FOMC noted "modest growth in spending and production" but also observed that "the unemployment rate has remained low." The Committee indicated that "Inflation remains elevated, reflecting supply and demand imbalances related to the pandemic, higher food and energy prices, and broader price pressures." The statement also continued to observe that "ongoing increases in the target range will be appropriate."

In addition, the Federal Reserve has been reducing its holdings of long-run assets of Treasury securities and mortgage-backed securities (MBS), putting upward pressure on longer-term interest rates. The FOMC's balance sheet runoff—that is, allowing maturity of longer-term assets without reinvestment—began on June 1. In September, monthly runoff caps were raised as scheduled to \$95 billion (\$60 billion for Treasuries and \$35 billion for MBS).

INTRODUCTION: Federal Fiscal Operations

Budget authority usually takes the form of appropriations that allow *obligations* to be incurred and payments to be made. Reappropriations are Congressional actions that extend the availability of unobligated amounts that have expired or would otherwise expire. These are counted as new budget authority in the fiscal year of the legislation in which the reappropriation act is included, regardless of when the amounts were originally appropriated or when they would otherwise lapse.

Obligations generally are liquidated by the issuance of checks or the disbursement of cash—*outlays*. Obligations may also be liquidated (and outlays recorded) by the accrual of interest on public issues of Treasury debt securities (including an increase in redemption value of bonds outstanding); or by the issuance of bonds, debentures, notes, monetary credits, or electronic payments.

Refunds of collections generally are treated as reductions of collections, whereas payments for earnedincome tax credits in excess of tax liabilities are treated as outlays. Outlays during a fiscal year may be for payment of obligations incurred in prior years or in the same year. Outlays, therefore, flow in part from unexpended balances of prior year budget authority and from budget authority provided for the year in which the money is spent. Total outlays include both budget and off-budget outlays and are stated net of offsetting collections.

Receipts are reported in the tables as either budget receipts or offsetting collections. They are collections from the public, excluding receipts offset against outlays. These, also called governmental receipts, consist mainly of tax receipts (including social insurance taxes), receipts from court fines, certain licenses, and deposits of earnings by the Federal Reserve system. Refunds of receipts are treated as deductions from gross receipts. Total Government receipts are compared with total outlays in calculating the budget surplus or deficit.

Offsetting collections from other Government accounts or the public are of a business-type or market-oriented nature. They are classified as either collections credited to appropriations or fund accounts, or offsetting receipts (i.e., amounts deposited in receipt accounts). The former normally can be used without an appropriation act by Congress. These occur in two instances: (1) when authorized by law, amounts collected for materials or services are treated as reimbursements to appropriations. For accounting purposes, earned reimbursements are also known as revenues. These offsetting collections are netted against gross outlays in determining net outlays from such appropriations; and (2) in the three types of revolving funds (public enterprise, intragovernmental, and trust); offsetting collections are netted against spending, and outlays are reported as the net amount.

Offsetting receipts in receipt accounts cannot be used without appropriation. They are subdivided into three categories: (1) proprietary receipts, or collections from the public, offset against outlays by agency and by function; (2) intragovernmental transactions, or payments into receipt accounts from governmental appropriation or fund accounts. They finance operations within and between Government agencies and are credited with collections from other Government accounts; and (3) offsetting governmental receipts that include foreign cash contributions.

Intrabudgetary transactions are subdivided into three categories: (1) interfund transactions—payments are from one fund group (either Federal funds or trust funds) to a receipt account in the other fund group; (2) Federal intrafund transactions—payments and receipts both occur within the Federal fund group; and (3) trust intrafund transactions—payments and receipts both occur within the trust fund group.

Offsetting receipts are generally deducted from budget authority and outlays by function, subfunction, or agency. There are four types of receipts, however, that are deducted from budget totals as undistributed offsetting receipts. They are: (1) agencies' payments (including payments by *offbudget Federal entities*) as employers into employees' retirement funds; (2) interest received by trust funds; (3) rents and royalties on the Outer Continental Shelf lands; and (4) other interest (i.e., that collected on Outer Continental Shelf money in deposit funds when such money is transferred into the budget).

The Government has used the unified budget concept set forth in the "Report of the President's Commission on Budget Concepts" as a foundation for its budgetary analysis and presentation since 1969. The concept calls for the budget to include all of the Government's fiscal transactions with the public. Since 1971, however, various laws have been enacted removing several Federal entities from (or creating them outside of) the budget. Other laws have moved certain off-budget Federal entities onto the budget. Under current law, the off-budget Federal entities consist of the two Social Security trust funds, Federal Old-Age and Survivors Insurance and the Federal Disability Insurance Trust Fund, and the Postal Service.

Although an off-budget Federal entity's receipts, outlays, and surplus or deficit ordinarily are not subject to targets set by the Congressional resolution, the Balanced Budget and Emergency Deficit Control Act of 1985 [commonly known as the Gramm-Rudman-Hollings Act as amended by the Budget Enforcement Act of 1990 (2 United States Code 900-922)] included off-budget surplus or deficit in calculating deficit targets under that act and in calculating excess deficit. Partly for this reason, attention has focused on both on- and off-budget receipts, outlays and deficit of the Government.

Tables **FFO-1**, **FFO-2**, and **FFO-3** are published quarterly and cover 5 years of data, estimates for 2 years, detail for 13 months, and fiscal year-to-date data. They provide a summary of data relating to Federal fiscal operations reported by Federal entities and disbursing officers, and daily reports from the FRBs. They also detail accounting transactions affecting receipts and outlays of the Government and off-budget Federal entities and their related effect on assets and liabilities of the Government. Data are derived from the "Monthly Treasury Statement of Receipts and Outlays of the United States Government."

• Table **FFO-1** summarizes the amount of total receipts, outlays, and surplus or deficit, as well as transactions in Federal securities, monetary assets, and balances in Treasury operating cash.

• Table **FFO-2** includes on- and off-budget receipts by source. Amounts represent income taxes, social insurance taxes, net contributions for other insurance and retirement, excise taxes, estate and gift taxes, customs duties, and net miscellaneous receipts.

• Table FFO-3 details on- and off-budget outlays by agency.

• Table **FFO-4** summarizes on- and off-budget receipts by source and outlays by function as reported to each major fund group classification for the current fiscal year to date and prior fiscal year to date.

• Table **FFO-5** summarizes internal revenue receipts by states and by type of tax. Amounts reported are collections made in a fiscal year. They span several tax liability years because they consist of prepayments (estimated tax payments and taxes withheld by employers for individual income and Social Security taxes), payments made with tax returns and subsequent payments made after tax returns are due or are filed (that is, payments with delinquent returns or on delinquent accounts).

Amounts are reported based on the primary filing address provided by each taxpayer or reporting entity. For multistate corporations, the address may reflect only the district where such a corporation reported its taxes from a principal office rather than other districts where income was earned or where individual income and Social Security taxes were withheld. In addition, an individual may reside in one district and work in another.

• Table **FFO-6** includes customs collection of duties, taxes, and fees by districts and ports.

Budget Results and Financing of the U.S. Government and Fourth-Quarter Receipts by Source

[Source: Office of Tax Analysis, Office of Tax Policy]

Fourth-Quarter Receipts

The following capsule analysis of budget receipts, by source, for the fourth quarter of Fiscal Year 2022 supplements fiscal data reported in the September issue of the "Treasury Bulletin." At the time of that issue's release, not enough data were available to analyze adequately collections for the quarter.

Individual income taxes—Individual income tax receipts, net of refunds, were \$496.7 billion for the fourth quarter of Fiscal Year 2022. This is an increase of \$43.0 billion over the comparable prior year quarter. Withheld receipts increased by \$18.9 billion and non-withheld receipts increased by \$16.2 billion during this period. Refunds decreased by \$7.8 billion over the comparable Fiscal Year 2021 quarter. There was an increase of \$0.6 billion in accounting adjustments between individual income tax receipts and the Social Security and Medicare trust funds over the comparable quarter in Fiscal Year 2021.

Corporate income taxes—Net corporate income tax receipts were \$118.8 billion for the fourth quarter of Fiscal Year 2022. This is an increase of \$12.1 billion compared to the prior year fourth quarter. The \$12.1 billion change is comprised of an increase of \$15.5 billion in estimated and final payments, and an increase of \$3.3 billion in corporate refunds.

Employment taxes and contributions—Employment taxes and contributions receipts for the fourth quarter of Fiscal Year 2022 were \$344.2 billion, an increase of \$28.5 billion over the comparable prior year quarter. Receipts to the Federal Old-Age and Survivors Insurance, Federal Disability Insurance, and Federal Hospital Insurance trust funds changed by \$18.3 billion, \$3.1 billion, and \$8.5 billion respectively. There was a -\$0.6 billion accounting adjustment for prior years employment tax liabilities made in the fourth quarter of Fiscal Year 2022. There was a negligible adjustment in the fourth quarter of Fiscal Year 2021.

Unemployment insurance—Unemployment insurance receipts, net of refunds, for the fourth quarter of Fiscal Year 2022 were \$12.3 billion, a decrease of \$4.1 billion over the comparable quarter of Fiscal Year 2021. Net State taxes deposited in the U.S. Treasury decreased by \$4.2 billion to \$11.3 billion. Net Federal Unemployment Tax Act taxes did not change significantly from \$0.9 billion.

Contributions for other insurance and retirement— Contributions for other retirement were \$1.6 billion for the fourth quarter of Fiscal Year 2022. This was an increase of \$0.2 billion from the comparable quarter of Fiscal Year 2021.

Excise taxes—Net excise tax receipts for the fourth quarter of Fiscal Year 2022 were \$26.7 billion, an increase of \$1.8 billion over the comparable prior year quarter. Total excise tax refunds for the quarter were \$3.4 billion, an increase of \$0.5 billion over the comparable prior year quarter.

Estate and gift taxes—Net estate and gift tax receipts were \$8.5 billion for the fourth quarter of Fiscal Year 2022. These receipts represent an increase of \$2.9 billion over the same quarter in Fiscal Year 2021.

Customs duties—Customs duties net of refunds were \$25.7 billion for the fourth quarter of Fiscal Year 2022. This is an increase of \$3.1 billion over the comparable prior year quarter.

Miscellaneous receipts—Net miscellaneous receipts for the fourth quarter of Fiscal Year 2022 were \$26.3 billion, a decrease of \$16.6 billion over the comparable prior year quarter. This change is due in part to deposits of earnings by Federal Reserve banks decreasing by \$17.7 billion.

Budget Results and Financing of the U.S. Government and Fourth-Quarter Receipts by Source, continued

Total On- and Off-Budget Results and Financing of the U.S. Government [In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]								
	Fourth quarter 2022 July – Sept.	Fiscal year 2022 year to date						
Fotal on- and off-budget results:								
Total receipts	1,060,776	4,896,119						
On-budget receipts	801,053	3,830,144						
Off-budget receipts	259,723	1,065,975						
Total outlays	1,921,097	6,271,508						
On-budget outlays	1,630,458	5,190,351						
Off-budget outlays	290,639	1,081,157						
Total surplus or deficit (-)	-860,321	-1,375,389						
On-budget surplus or deficit (-)	-829,405	-1,360,207						
Off-budget surplus or deficit (-)	-30,917	-15,182						
Means of financing:								
Borrowing from the public	367,298	1,969,815						
Reduction of operating cash	146,413	-420,834						
Other means	346,610	-173,593						
Total on- and off-budget financing	860,321	1,375,389						

[In billions of dollars. Source: "Monthly Treas	ury Statement of Receipts and Outla	ys of the United States Government	["]
Source	July	August	September
Individual income taxes	128.0	140.9	227.7
Corporate income taxes	8.2	4.6	105.9
Employment and general retirement	104.8	113.5	125.9
Unemployment insurance	3.0	8.9	0.4
Contributions for other insurance and retirement	0.5	0.5	0.6
Excise taxes	6.5	8.6	11.7
Estate and gift taxes	2.6	2.4	3.5
Customs duties	8.5	8.5	8.7
Miscellaneous receipts	7.2	15.8	3.3
Total budget receipts	269.3	303.7	487.7

Note.-Detail may not add to totals due to independent rounding.

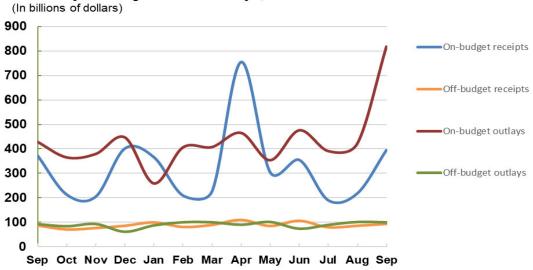


CHART FFO-A.— Monthly Receipts and Outlays, 2021-2022

CHART FFO-B.— Budget Receipts by Source, Fiscal Year to Date, 2021-2022

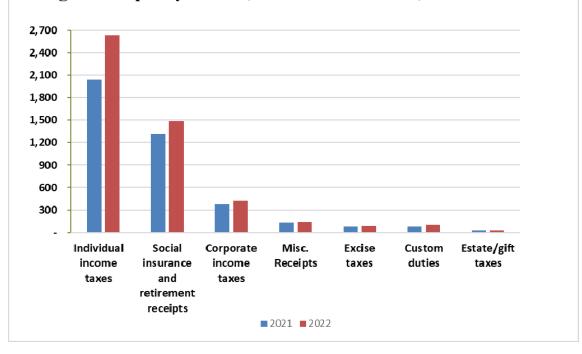


TABLE FFO-1—Summary of Fiscal Operations

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

- Fiscal year	Total Receipts	On-budget receipts	Off-budget receipts	Total o Total outlays	n-budget and off-b On-budget outlays	udget results Off-budget outlays	Total surplus deficit (-)	On-budget surplus deficit (-)	Off-budget surplus deficit (-)	Means of financing <u>-net transactions</u> Borrowing from the public- <u>Federal securities</u> Public debt securities
or Month	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2018	3,328,745	2,473,999	854,747	4,107,741	3,259,170	848,573	-778,995	-785,172	6,175	1,258,348
2019	3,462,195	2,547,893	914,302	4,446,583	3,539,967	906,617	-984,386	-992,072	7,686	1,208,690
2020	3,419,955	2,454,528	965,427	6,551,871	5,596,291	955,579	-3,131,917	-3,141,766	9,847	4,234,396
2021	4,045,980	3,093,658	952,323	6,818,159	5,814,312	1,003,847	-2,772,178	-2,720,653	-51,525	1,484,000
2022	4.896,119	3,830,145	1.065.975	6,271,508	5,190,351	1,081,158	-1,375,389	-1,360,206	-15,183	2,453,245
2022 – Est ¹	4,940,674	3,873,852	1,066,822	5,972,228	4,887,495	1,084,733	-1,031,554	-1,013,643	-17,911	2,547,296
2023 – Est ¹	4,732,711	3,596,220	1,136,491	6,032,427	4,826,410	1,206,017	-1,299,716	-1,230,190	-69,526	1,536,012
2021 - Sept	459,523	372,136	87,387	521,067	428,506	92,561	-61,544	-56,370	-5,175	2,949
Oct	283,927	212,635	71,292	448,983	365,312	83,671	-165,055	-152,677	-12,379	480,630
Nov	281,208	204,153	77,055	472,543	379,420	93,123	-191,335	-175,267	-16,068	-2,490
Dec	486,723	400,594	86,129	508.028	447,074	60,953	-21,303	-46,480	25,177	710.023
2022 - Jan	465,074	365,402	99,672	346,375	259,080	87,295	118,699	106,321	12,377	392,662
Feb	289,857	208,785	81,072	506,447	406,257	100,190	-216,590	-197,471	-19,118	275,581
Mar	315,165	225,551	89,615	507,799	407,602	100,198	-192,634	-182,051	-10,583	108,100
Apr	863,644	753.822	109.822	555,429	465,346	90,083	308,215	288,476	19,739	-33.792
May	388,988	303,706	85,282	455,211	353,894	101,316	-66,223	-50,188	-16,034	119,641
June	460,757	354,444	106,313	549,598	475,908	73,690	-88,842	-121,464	32,623	63,526
July	269,331	189,317	80,014	480,383	391,024	89,359	-211,052	-201,707	-9,345	22,192
Aug	303,722	217,544	86,178	523,318	422,042	101,276	-219,596	-204,498	-15,098	332,833
Sept Fiscal year 2022 to date	487,723	394,192 3,830,145	93,531	917,396 6,271,510	817,392 5,190,351	100,004 1,081,158	-429,673 -1,375,389	-423,200 -1,360,206	-6,474 -15,183	-15,661 2,453,245

	Means of financing—net transactions, continued									
-		owing from the pul al securities, conti		Casl	h and moneta	ary assets (de	duct)			
Fiscal year or month	Agency securities (11)	Investments of Government accounts (12)	Total 10+11-12 (13)	U.S. Treasury operating cash (14)	Special drawing rights (15)	Other (16)	Reserve position on the U.S. quota in the IMF (deduct) (17)	Other (18)	Transactions not applied to year's surplus or deficit (19)	Total Financing (20)
2018 2019 2020 2021 2022	-1,545 -1,366 -1,304 -652 -150	172,343 155,715 16,813 215,402 483,278	1,084,458 1,051,606 4,216,280 1,267,947 1,969,817	225,390 -2,230 1,399,197 -1,566,518 420,833	-527 -941 1,754 112,141 -10,700	-2,661 -1,210 -309 -729 -467	3,857 7,593 8,253 1,496 -6,792	-79,242 -432,023 323,680 50,539 -192,082	-160 -62 853 71 576	778,997 616,309 3,131,918 2,772,167 1,375,388
2022 – Est ¹ 2023 – Est ¹	389 410	484,695 169,047	2,062,990 1,367,375	434,840	* *	* *	*	-596,596 -67,659	*	1,031,554 1,299,716
2021 - Sept Oct Nov Dec 2022 - Jan Feb Mar Apr June July Aug Sept	-75 396 350 -460 -11 -203 -176 -42 201 164 97 -77 -389	$\begin{array}{c} -27,071\\ 124,424\\ -9,651\\ 211,223\\ 51,668\\ -11,263\\ 8,272\\ 6,820\\ 69,662\\ 60,426\\ -14,418\\ 24,475\\ -38,360\end{array}$	29,945 356,602 7,511 498,340 340,983 286,641 99,652 -40,654 50,180 3,264 36,707 308,281 22,310	-140,824 62,863 -64,870 192,955 336,735 28,421 -119,740 271,717 -69,000 -71,835 -163,133 50,638 -33,918	-1,790 757 -1,421 419 -148 368 -718 -4,066 662 -1,532 -48 -2,585 -2,388	-59 288 50 -152 145 -244 -148 490 -216 122 346 -1,048 -1,048	1,610 -299 669	-111,016 -126,181 117,284 -283,146 -123,321 -41,351 -28,295 -130 -52,394 6,084 11,347 -42,129 370,150	-240 152 - - 4 - - - - 4 2 - - 420	61,544 165,055 191,335 21,303 -118,699 216,590 192,682 -308,215 66,223 88,842 211,052 219,596 429,673
Fiscal year 2022 to date	-150	483,278	1,969,817	420,833	-10,700	-467	-6,792	-192,082	576	1,375,388

Note: Detail may not add to total due to rounding. 1 These estimates are based on the President's FY 2023 Mid-Session Review, released by the Office of Management and Budget on August 23, 2022.

* These are not separately estimated. They are included in "other."

TABLE FFO-2—On-Budget and Off-Budget Receipts by Source

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

Fiscal year or month	Income taxes					Corporation			and reti Employment a Old-age	al insurance rement rece and general e, disability, ital insuranc	i <u>pts</u> retirement and
	Withheld (1)	Other (2)	Refunds (3)	Net (4)	Gross (5)	Refunds (6)	Net (7)	Net income taxes (8)	Gross (9)	Refunds (10)	Net (11)
2018 2019 2020 2021 2022	1,325,106 1,328,271 1,245,088 1,498,655 1,731,530	626,555 634,339 601,920 824,141 1,146,929	268,126 244,755 238,346 278,436 246,315	1,683,536 1,717,858 1,608,663 2,044,379 2,632,146	263,168 277,416 263,847 419,351 476,189	58,433 47,172 52,003 47,521 51,324	204,734 230,244 211,846 371,832 424,866	1,888,270 1,948,102 1,820,509 2,416,211 3,057,012	1,118,641 1,195,506 1,257,205 1,254,747 1,410,324	3,234 3,632 7,605 5,203	1,115,407 1,191,874 1,257,205 1,247,142 1,405,121
2022 – Est ¹ 2023 – Est ¹	2,701,451 2,444,000	-	-	2,701,451 2,444,000	404,183 509,274	-	404,183 509,274	3,105,634 2,953,274	1,406,102 1,495,645	-	1,406,102 1,495,645
2021 - Sept Oct Dec 2022 - Jan Feb Mar June July Sept	119,657 117,897 140,109 233,750 152,305 150,813 189,108 133,289 130,831 104,526 121,208 139,167 118,527	106,941 36,171 12,373 25,087 136,923 19,115 31,890 514,783 110,700 108,078 15,343 15,581 120,885	$\begin{array}{c} 11,810\\ 10,160\\ 14,296\\ 5,534\\ 55\\ 20,587\\ 70,426\\ 54,782\\ 24,650\\ 11,789\\ 8,538\\ 13,812\\ 11,686\\ \end{array}$	214,788 143,908 138,186 253,304 289,173 149,341 150,573 593,290 216,882 200,815 128,012 140,936 227,726	89,450 20,720 4,950 87,339 15,346 7,595 15,334 95,045 12,198 86,249 15,682 6,369 109,362	2,737 5,014 5,271 4,054 1,768 2,771 5,146 6,514 4,491 3,694 7,447 1,734 3,420	86,713 15,707 -321 83,285 13,577 4,824 10,188 88,531 7,708 82,555 8,235 4,636 105,941	301,501 159,615 137,865 336,589 302,750 154,165 160,761 681,821 224,590 283,370 136,247 145,572 333,667	$\begin{array}{c} 120,661\\ 96,166\\ 104,120\\ 116,254\\ 129,130\\ 103,966\\ 114,868\\ 143,442\\ 110,056\\ 144,436\\ 104,324\\ 113,041\\ 130,521 \end{array}$	3,733 - - - - - - - - - - - - - - - - - -	116,928 96,166 104,120 116,254 129,130 103,966 114,868 143,442 110,056 144,436 104,324 113,041 125,318
Fiscal year 2022 to date	1,731,530	1,146,929	246,315	2,632,146	476,189	51,324	424,866	3,057,012	1,410,324	5,203	1,405,121

				Social insu	surance and retirement receipts, continued					
_	Emp	loyment and ge	neral retirem	ent, continued	Une	mployment insu	rance	Net for othe	er insurance and	retirement
- -		Railroad retiren	nent	Net employment — and general			Net un- employment	Federal employees	Other	
Fiscal year	Gross	Refunds	Net	retirement	Gross	Refunds	insurance	retirement	retirement	Total
or month	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2018	5.753	4	5,749	1,121,156	45,161	121	45,041	4,471	31	4,501
2019	5,610	90	5,519	1,197,395	41,193	259	40,934	4,730	29	4,759
2020	4,590	144	4,445	1,261,650	43,224	120	43,103	5,172	29	5,201
2021	4,755	38	4,717	1,251,858	56,742	140	56,602	5,604	26	5,630
2022	5,644	27	5,616	1,410,737	66,616	119	66,498	6,271	23	6,294
2022 – Est ¹	5.516	-	5,516	1,411,618	48,386	-	48,386	6,331	31	6,362
2023 – Est ¹	5,334	-	5,334	1,500,979	53,969	-	53,969	6,873	30	6,903
2021 - Sept	441	-	441	117,367	5,670	7	5,663	451	2	453
Oct	423	-	423	96,588	2,433	-	2,433	569	2	571
Nov	443	-	443	104,563	11,562	8	11,555	561	2	563 485 466
Dec	645	-	645	116,900	1,557	6	1,551	483	2	485
2022 - Jan	536	-	536	129,666	4,130	2	4,128	464	2	466
Feb	658	-	658	104,623	3,108	3	3,105	469	2	471
Mar	487	-	487	115,356	4,299	13	4,286	469	2	471
Apr	495	-	495	143,937	5,133	24	5,109	593	2	595
May	500	2	498	110,554	20,426	9	20,417	556	2	557
June	-51	-	-51	144,385	1,634	18	1,616	513	2	515
July	513	42	470	104,794	3,043	18	3,025	486	1	487
Aug	453	-19	472	113,513	8,881	7	8,873	484	2	487
Sept	542	2	540	125,858	410	11	400	624	2	626
Fiscal year										
2022 to date	5,644	27	5,616	1,410,737	66,616	119	66,498	6,271	23	6,294

TABLE FFO-2—On-Budget and Off-Budget Receipts by Source, continued

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

	Social insurance and retirement receipts, con.						Exc	cise taxes					
	Net social insurance and retirement	Airport a	nd Airway Tru	ust Fund	Blac	k Lung Disa Trust Fund	ability	High	way Trust F	und	r	liscellaneous	i
Fiscal year or month	receipts (22)	Gross (23)	Refunds (24)	Net (25)	Gross (26)	Refunds (27)	Net (28)	Gross (29)	Refunds (30)	Net (31)	Gross (32)	Refunds (33)	Net (34)
2018 2019 2020 2021 2022	1,243,087 1,309,954 1,314,090	15,532 15,825 9,034 10,946 11,403	15 14 20 13 27	15,516 15,811 9,015 10,935 11,376	394 213 300 270 180	- - - -	394 213 300 270 180	42,979 44,186 43,201 40,920 47,076	438 440 440 442 444	42,541 43,746 42,763 40,488 46,632	39,650 44,773 43,997 31,578 36,610	3,116 5,629 9,298 7,995 7,070	36,535 39,144 34,701 23,581 29,537
2022 – Est ¹ 2023 – Est ¹		13,989 15,944	-	13,989 15,944	182 136	-	182 136	43,360 40,909	-	43,360 40,909	28,273 29,495	-	28,273 29,495
2021 - Sept Oct Nov Dec 2022 - Jan Feb Mar Apr June June July Sept		620 322 1,645 1,433 1,353 -427 480 578 -763 652 631 3,655 1,844	2 - - 16 - 5 6	618 322 1,645 1,433 1,353 -427 480 578 -779 652 631 3,650 1,838	38 7 35 28 -7 9 11 -9 18 17 20 21	-	38 7 35 30 28 -7 9 11 -9 18 17 20 21	8,691 917 4,373 3,809 3,596 4,448 3,813 4,591 3,260 4,781 4,625 1,800 7,063	64 15 29 30 31 31 38 44 45 44 43 65	8,627 902 4,344 3,779 3,566 4,417 3,782 4,554 3,215 4,737 4,581 1,757 6,998	2,314 4,447 1,997 2,139 1,772 1,527 3,361 2,646 5,858 2,482 3,033 3,419 3,929	973 93 246 226 1,434 24 205 1,162 239 238 1,801 294 1,108	1,341 4,354 1,751 1,912 3,38 1,502 3,155 1,484 5,619 2,244 1,232 3,125 2,821
Fiscal year 2022 to date	1,483,529	11,403	27	11,376	180	-	180	47,076	444	46,632	36,610	7,070	29,537

Net miscellaneous receipts

	Excise taxes, con.		Estate an	d gift taxes		Custo	oms duties	Deposits of earnings by Federal Reserve	Universal service fund and all	-	Total rec	eipts
Fiscal year Ne or month	et excise taxes (35)	Gross (36)	Refunds (37)	Net (38)	Gross (39)	Refunds (40)	Net (41)	banks (42)	other (43)	Total (44)	On-budget (45)	Off-budget (46)
2018 2019 2020 2021 2022	94,987 98,915 86,782 75,271 87,727	23,864 17,565 18,198 28,046 33,355	883 894 571 906 805	22,982 16,672 17,625 27,141 32,550	43,097 73,461 75,636 86,950 106,092	1,796 2,677 7,085 6,965 6,186	41,298 70,784 68,550 79,984 99,908	70,751 52,793 81,880 100,055 106,676	39,755 31,843 34,659 33,233 28,723	110,505 84,637 116,538 133,288 135,397	2,473,999 2,547,893 2,454,527 3,093,658 3,830,145	854,747 914,302 965,427 952,323 1,065,975
2022 – Est ¹ 2023 – Est ¹	85,804 86,484	30,339 23,718	-	30,339 23,718	101,014 65,203	-	101,014 65,203	115,423 5,291	36,094 36,890	151,517 42,181	3,873,852 3,596,220	1,066,822 1,136,491
2021 - Sept Oct Dec 2022 - Jan Feb Mar Apr Jun Jul Sept	10,624 5,586 7,775 7,155 5,285 5,486 7,426 6,626 8,046 7,651 6,461 8,552 11,678	2,519 2,533 1,864 2,367 2,341 1,790 3,726 4,275 3,340 2,657 2,537 3,443	87 75 60 14 5 80 112 90 167 83 27 111 -19	2,433 2,458 1,804 2,353 2,336 1,710 3,615 4,184 3,173 2,399 2,630 2,426 3,462	8,350 8,381 8,434 8,633 8,876 8,529 8,641 9,570 8,505 8,988 9,028 9,133 9,374	492 611 618 447 289 480 490 408 409 625 498 678 633	7,857 7,770 7,816 8,187 8,049 8,151 9,162 8,095 8,364 8,530 8,456 8,741	11,344 6,851 7,945 11,918 10,152 10,690 13,126 10,294 11,768 10,339 5,922 6,612 1,059	2,282 2,057 1,322 1,600 1,708 1,588 1,982 1,920 1,794 2,123 1,239 9,236 2,231	13,626 8,908 9,267 13,519 11,861 12,278 15,107 12,214 13,561 12,462 7,161 15,848 3,290	372,136 212,635 204,153 400,594 365,402 208,785 225,551 753,822 303,706 354,444 189,317 217,544 394,192	87,387 71,292 77,055 86,129 99,672 81,072 89,615 109,822 85,282 106,313 80,014 86,178 93,531
Fiscal year 2022 to date	87,727	33,355	805	32,550	106,092	6,186	99,908	106,676	28,723	135,397	3,830,145	1,065,975

Note: Detail may not add to total due to rounding. 1 These estimates are based on the President's FY 2023 Mid-Session Review, released by the Office of Management and Budget on August 23, 2022.

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

Fiscal year or month	Legisla- tive branch (1)	Judicial branch (2)	Depart- ment of Agricul- ture (3)	Depart ment o Commerce (4	Depart- - ment of f Defense, e military	Depart- ment of Education (6)	Depart- ment of Energy (7)	d Outlays of the Depart- ment of Health and Human Services (8)	Depart- ment of Home- land Security (9)	s Governmen Depart- ment of Housing and Urban Develop- ment (10)	Depart- ment of the Interior (11)	Depart- ment of Justice (12)	Depart- ment of Labor (13)
2018 2019 2020 2021 2022	4,670 4,955 5,365 5,265 5,752	7,780 7,958 8,251 8,310 8,720	136,713 150,120 184,221 235,194 245,218	8,561 11,326 15,918 13,135 11,734	600,705 653,979 690,420 717,585 726,571	63,706 104,365 204,415 260,452 639,367	26,479 28,936 32,047 33,695 22,439	1,120,503 1,213,807 1,503,953 1,466,673 1,642,892	68,374 56,328 91,963 91,069 80,864	54,666 29,188 33,190 31,779 29,309	13,210 13,907 16,417 15,788 13,916	34,522 35,107 39,606 39,262 39,603	39,637 35,810 477,529 404,772 51,734
2022 – Est ¹ 2023 – Est ¹	6,465 6,686	9,022 9,726	259,176 227,087	13,945 14,780	719,470 781,096	231,346 186,517	23,019 46,584	1,660,606 1,659,150	91,031 84,666	29,286 72,004	15,509 22,751	41,460 45,227	103,387 66,808
2021 - Sept Oct Dec 2022 - Jan Feb Mar Apr Jun Jul Sept	464 508 548 427 469 462 441 432 556 438 485 479 507	690 815 738 647 692 663 669 772 681 692 748 732 871	18,596 25,867 23,629 24,959 20,490 17,847 18,600 18,029 18,533 23,097 18,727 19,577 15,863	740 801 1,978 977 823 858 897 821 1,203 903 829 934 710	63,733 65,482 60,817 70,927 44,217 55,287 61,668 58,164 54,303 60,214 58,853 59,329 77,310	$\begin{array}{c} 108,310\\ 14,669\\ 11,543\\ 12,947\\ 14,375\\ 13,807\\ 3,152\\ 15,588\\ 11,702\\ 52,748\\ 9,635\\ 33,544\\ 445,657 \end{array}$	3,311 3,434 2,251 2,909 2,242 2,514 2,467 1,960 952 1,173 602 377 1,558	$\begin{array}{c} 126,541\\ 120,506\\ 134,199\\ 134,866\\ 137,399\\ 127,627\\ 139,280\\ 170,272\\ 90,602\\ 136,715\\ 138,652\\ 137,355\\ 175,419 \end{array}$	8,649 6,339 8,079 6,950 6,483 5,912 6,836 6,489 7,243 7,059 5,369 6,826 7,279	$\begin{array}{c} 3,190\\ 4,689\\ 4,386\\ 3,651\\ 4,514\\ 4,432\\ 4,384\\ 4,963\\ 5,175\\ -18,540\\ 4,659\\ 4,713\\ 2,283\end{array}$	2,004 1,275 1,242 1,307 1,032 960 825 454 1,181 1,824 1,175 1,139 1,502	3,807 2,760 3,546 3,007 3,065 3,038 3,528 3,294 3,824 3,824 3,055 3,642 3,500	15,284 2,094 5,481 5,706 5,170 5,666 4,447 3,345 8,244 3,415 2,977 4,518 671
Fiscal year 2022 to date	5,752	8,720	245,218	11,734	726,571	639,367	22,439	1,642,892	80,864	29,309	13,916	39,603	51,734
Fiscal year or month	Depart- ment of State (14)	- me f Trans	Trea intere part- Trea nt of spor- secu	of the isury, est on		Depart- ment of rans Affairs (18)	Corps Engine (ers program	se, me ivil Protec ms Age	ntal Of tion of ncy Presic	fice the General	Services nistration (23)	Inter- national Assistance Program (24)
2018 2019 2020 2021 2022	26,386 28,002 32,859 35,814 33,232	78,494 80,710 100,342 104,933 113,770	6 572, 2 522, 7 562,	651 62 389 1,07	9,072 2 1,359 2	178,508 199,571 218,393 233,782 273,868	5,083 6,456 7,632 7,936 8,181	55,367 60,930 65,265 58,085 56,868	8,08 8,00 8,72 8,3 9,21	23 4 10 4	83 23 03 26 58	-590 -1,100 -266 -1,269 -1,204	21,628 23,578 21,677 20,047 35,813
2022 – Est ¹ 2023 – Est ¹	36,646 35,907	122,892 127,59	4 707		1015	281,470 295,186	8,315 8,649	54,199 70,582	8,29 15,5		40 92	-36 -435	37,103 35,330
2021 - Sept Oct Dec 2022 - Jan Feb Mar Apr Jun Jul Aug Sept	3,981 2,184 4,044 2,078 2,412 2,268 2,671 2,104 2,747 2,031 1,931 4,556 4,206	13,174 7,644 8,277 9,199 10,229 6,800 7,911 8,644 10,429 8,311 12,670 11,660	5 18, 6 36, 5 97, 5 43, 2 41, 0 52, 9 60, 8 72, 9 97, 1 68, 0 88,	029 3 969 3 202 1 377 8 773 5 052 4 760 5 855 7 525 2 132 1	6,548 4,430 0,451 1,976 0,873 5,289 7,932 4,759 6,827 0,426 8,028 7,082	21,199 21,933 20,207 30,647 10,181 20,863 22,205 36,210 10,863 21,537 21,236 22,270 35,716	381 649 812 915 656 664 742 520 683 403 730 931 476	4,887 6,895 5,037 9,222 -16 4,491 4,383 7,671 -2,513 4,901 3,867 1,466 11,464	75 99 66 86 75 88 87 87 87 87 87	36 58 50 51 53 53 17 50 73 54 39	35 48 35 32 33 33 31 49 37 35 36 44 45	-86 -67 -53 135 -404 -177 220 -251 -209 118 -343 -343 -102 -71	2,788 2,088 3,178 -916 3,013 2,094 2,617 2,043 5,495 3,866 3,345 5,499 3,491
Fiscal year 2022 to date	33,232	113,770	0 717,	612 44	4,610 2	273,868	8,181	56,868	9,27	78 4	58	-1,204	35,813

TABLE FFO-3—On-Budget and Off-Budget Outlays by Agency, continued

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

							Undi	istributed offs	etting receip	ts		
Fiscal year	National Aeronautics and Space Adminis- tration (25)	National Science Foun- dation (26)	Office of Personnel Manage- ment (27)	Small Business Adminis- tration (28)	Social Security Adminis- tration (29)	Indepen- dent agencies (30)	Employer share, employee retire- ment (31)	Interest received by trust funds (32)	Rents and royalties on the Outer Continen- tal Shelf lands (33)	Other (34)	Total c On- budget (35)	outlays Off- budget (36)
2018		7,167	98,803	44	1,039,903	7,770	-87,382	-150,151	-4,594	-5,896	3,259,170	848,573
2019		7,253	103,138	456	1,101,833	19,609	-90,811	-149,605	-6,225	-1,156	3,539,965	906,617
											, ,	
2020	1-	7,278	105,626	577,411	1,153,912	17,654	-99,993	-135,215	-3,645	-	5,596,291	955,579
2021		7,353	108,553	322,721	1,192,451	13,556	-110,687	-149,578	-4,231	-8,942	5,814,310	1,003,847
2022	23,080	8,133	113,072	23,199	1,282,055	29,831	-119,129	-183,966	-11,831	-103,508	5,190,351	1,081,158
2022 – Est ¹	23,795	8,183	114,504	23,845	1,279,128	40,169	-118,958	-174,064	-11,611	-103,242	4,887,495	1,084,733
2023 – Est ¹	25,232	9,309	120,143	1,769	1,407,722	27,930	-120,775	-154,215	-8,146	-2	4,826,410	1,206,017
2021 - Sept	1,799	764	9,680	2,767	99,682	-486	-7,665	-4,196	-390	-4,466	428,506	92,561
Oct	1,765	644	9,365	2,333	101,055	6,337	-27,176	9,958	-67	-	365,312	83,671
Nov	2,332	575	9,127	5,277	100,431	1,282	-9,099	-4,122	-720	-	379,420	93,123
Dec	2,232	636	9,242	3,226	105,261	1,604	-8,416	-55,165	-574	-	447,074	60,953
2022 - Jan	1,407	565	10,042	3,067	101,911	1,607	-7,250	-6,407	-386	-81,089	259,080	87,295
Feb	1,544	534	9,001	2,188	106,875	3,673	-7,676	-8,133	-592	-	406,257	100,190
Mar	1,968	647	9,820	2,156	107,399	1,139	-7,962	-7,805	-537	-	407,602	100,198
Apr	1,770	609	9,701	2,542	112,540	4,255	-8,712	-11,980	-4,837	-	465,346	90,083
May	1,740	564	9,101	2,532	103,589	4,353	-9,346	-14,273	-1,094	-	353,894	101,316
Jun	2,074	707	9,453	-1,145	113,161	-3,828	-8,154	-53,571	-1,036	-	475,908	73,690
Jul		834	9,948	414	108,097	4,803	-7,937	-11,759	-270	1	391,024	89,359
Aug		983	9,957	387	108,550	2,550	-8,135	-19,471	-1,175	-	422,042	101,276
Sept		835	8,315	222	113,186	2,056	-9,266	-1,238	-543	-22,420	817,392	100,004
Fiscal year 2022 to date	23,080	8,133	113,072	23,199	1,282,055	29,831	-119,129	-183,966	-11,831	-103,508	5,190,351	1,081,158

Note: Detail may not add to total due to rounding. 1 These estimates are based on the President's FY 2023 Mid-Session Review, released by the Office of

Management and Budget on August 23, 2022.

TABLE FFO-4—Summary of U.S. Government Receipts by Source and Outlays by Agency,
September 2022 and Other Periods

		TL: C .						
		This fiscal Management, consolidated,	year to date			Prior fiscal Management, consolidated,	year to date	
	General	revolving and	Trust	Total	General	revolving and	Trust	Total
	funds	special funds	funds	funds	funds	special funds	funds	funds
Classification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Budget receipts:								
Individual income taxes	_,	177	-	2,632,145	2,044,131	246	-	2,044,377
Corporation income taxes	424,865	-	-	424,865	371,831	-	-	371,831
Social insurance and retirement receipts:								
Employment and general retirement (off-budget)		-	1,065,975	1,065,975	-	-	952,322	952,322
Employment and general retirement (on-budget)		-	344,760	344,760	-	-	299,536	299,536
Unemployment insurance		-	66,497	66,497	*	-	56,602	56,602
Other retirement		-	6,294	6,294	-	-	5,629	5,629
Excise taxes	==,00.	1,732	63,663	87,726	16,668	1,718	56,885	75,271
Estate and gift taxes	02,000	-	-	32,550	27,140	-	-	27,140
Customs duties	,	31,347	2,264	99,908	52,558	25,754	1,674	79,985
Miscellaneous receipts		24,057	1,259	135,397	108,578	23,261	1,447	133,285
Total receipts		57,314	1,550,713	4,896,119	2,620,906	50,979	1,374,094	4,045,979
(On-budget)		57,314	484,738	3,830,144	2,620,906	50,979	421,772	3,093,657
(Off-budget)		-	1,065,975	1,065,975	-	-	952,322	952,322
			, ,				,-	- ,
Budget outlays:								
Legislative branch	5,808	-48	-8	5,752	5,358	-78	-17	5,263
Judicial branch	0,000	-47	-41	8,720	8,161	246	-96	8,310
Department of Agriculture	'	18,893	52	245,210	216,246	18,977	-29	235,193
Department of Commerce		1,090	11	11,734	11,730	1,398	6	13,134
Department of Defense-military	,	1,230	514	726.627	714,494	2,631	460	717,585
Department of Education	638,316	1,053	-1	639,368	260,498	-45	-1	260,452
Department of Energy	,	-2,092	*	22,439	35,191	-1,496	*	33,694
Department of Health and Human Services		5,413	286,261	1,642,895	1,203,776	5,848	257,049	1,466,673
Department of Homeland Security		-4,906	121	80,865	95,900	-5,032	201	91,069
Department of Housing and Urban Development		-27	-494	29,307	35,536	51	-504	35,082
Department of the Interior	15,257	-1,228	-112	13,917	15,748	-402	442	15,788
Department of Justice		4,549	-4	39,603	34,021	5,263	-22	39,261
Department of Labor	234	2,501	49,003	51,738	354,699	-3,550	53,622	404,771
Department of State		-1,443	578	33,231	34,590	669	556	35,814
Department of Transportation	161,743	-111	-47,903	113,729	58,745	175	46,016	104,936
Department of the Treasury:								
Interest on the public debt	717,611	-	-	717,611	562,388	-	-	562,388
Other	445,981	-1,360	-10	444,611	1,083,382	-11,957	-67	1,071,358
Department of Veterans Affairs	278,048	-4,614	433	273,867	237,250	-3,988	520	233,781
Corps of Engineers	,	2	1,689	8,181	6,669	-118	1,385	7,936
Other defense civil programs	-) -	-22,515	-42,811	56,870	105,384	-12,359	-34,940	58,085
Environmental Protection Agency	,	-43	-3,474	9,279	8,312	-71	68	8,309
Executive Office of the President		-1	-3	458	425	*	2	427
General Services Administration	152	-1,354	-	-1,202	168	-1,437	-	-1,269
International Assistance Program		-335	-4,870	35,814	22,106	-619	-1,440	20,047
National Aeronautics and Space Administration		59		23,079	22,283	-35	1	22,249
National Science Foundation		128	-17	8,133	7,220	122	34	7,376
Office of Personnel Management		2,803	49,793	113,072	59,897	2,321	46,333	108,552
Small Business Administration		-12	-	23,199	322,775	-54	-	322,72
Social Security Administration		-9	1,170,140	1,282,056	92,728	*	1,099,724	1,192,453
Other independent agencies	22,957	-2,972	9,844	29,829	14,649	-1,763	668	13,554
Undistributed offsetting receipts:								
Interest		-	-183,967	-183,967	-	-	-149,579	-149,579
Other	00,002	-34,265	-109,520	-234,467	-2,204	-15,115	-106,541	-123,861
Total Outlays	5,136,016	-39,661	1,175,204	6,271,558	5,628,125	-20,422	1,213,851	6,821,554
(On-Budget)	5,135,734	-38,964	93,631	5,190,401	5,627,858	-17,421	207,270	5,817,706
(Off-Budget)	282	-698	1,081,573	1,081,157	267	-3,001	1,006,581	1,003,847
Surplus (+) or Deficit (-)	-1,847,923	96,975	375,509	-1,375,439	-3,007,219	71,401	160,243	-2,775,575
r - () ()						-	214,502	-2,724,050
(On-Budget)	-1,847,642	96,277	391,108	-1,360,257	-3,006,952	68,400	/14.50/	-/ //4 000

In millions of dollars, Source: Bureau of the Fiscal Service

-No Transactions * Less than \$500,000 Note.-Detail may not add to totals due to rounding

TABLE FFO-5—Internal Revenue Receipts by State, 2022

[In thousands of dollars. Source: Chief Financial Officer, Financial Management]

					Individual
State	Total Internal Revenue collections ¹ (1)	Business income taxes ² (2)	Total (3)	Individual Income taxes withheld and FICA tax ³ (4)	income taxes not withheld and SECA taxes ³ (5)
United States, total	4,901,514,194	475,871,099	4,321,608,701	3,089,257,511	1,133,996,320
Alabama	36,057,560	1,936,430	33,560,640	23,684,094	9,255,441
Alaska	6,572,445	150,882	6,323,953	4,423,914	1,689,140
Arizona	71,814,870	5,116,779	64,739,720	45,071,814	18,865,670
Arkansas	40,231,970	4,846,558	34,464,074	26,995,802	6,983,808
California	696,826,462	77,361,863	608,660,632	427,216,972	174,510,813
Colorado	88,448,670	7,523,650	80,022,210	55,735,321	23,393,304
Connecticut	72,157,237	11,108,687	60,411,642	38,060,295	20,682,947
Delaware	27,260,919	3,836,450	22,959,260	15,949,649	2,235,611
District of Columbia	37,711,367	4,473,417	32,925,803	27,260,216	4,827,310
Florida	321,641,880	15,713,887	300,040,251	179,530,671	112,642,701
Georgia	131,147,778	16,402,190	109,957,949	81,410,996	26,535,024
Hawaii	11,583,752	629,434	10,711,065	6,659,657	3,890,899
Idaho	17,324,901	871,918	16,291,210	10,426,249	5,697,694
Illinois	223,009,515	24,594,140	193,240,193	137,474,008	45,570,463
Indiana	79,093,652	7,223,788	71,060,526	56,857,770	13,657,482
lowa	34,083,511	2,306,157	31,207,227	24,550,746	6,458,441
Kansas	35,501,202	2,720,472	31,040,547	22,969,132	7,459,176
Kentucky	46,152,886	4,175,221	41,370,680	33,930,597	7,013,207
Louisiana	49,674,694	1,449,147	47,726,813	37,810,288	9,429,256
Maine	11,657,460	728,551	10,783,314	7,337,267	3,199,756
Maryland	80,658,525	4,200,300	75,964,070	55,929,234	18,607,165
Massachusetts	169,850,426	15,832,589	152,211,027	110,881,353	38,702,189
Michigan	107,728,600	8,331,167	98,329,573	74,349,087	21,985,841
Minnesota	122,140,057	14,742,702	106,340,126	88,951,134	16,617,311
Mississippi	15,166,210	1,041,430	13,905,257	9,808,202	3,905,538
Missouri	93,459,989	5,676,018	86,787,370	70,693,228	14,517,569
Montana	10,677,150	305,451	10,252,361	6,023,117	4,104,886
Nebraska		6,160,143	24,236,648	17,598,234	5,331,917
Nevada	39,309,356	2,711,983	35,637,726	16,563,831	14,101,109
New Hampshire	17,242,159	421,875	16,361,930	10,255,460	5,317,339
New Jersey	186,824,620	29,377,431	154,726,874	116,239,940	35,563,364
New Mexico	11,655,045	223,693	11,324,091	7,868,278	3,311,291
New York	393,135,616	42,373,787	345,173,012	236,545,216	101,314,667
North Carolina	121,966,184	11,811,290	109,345,448	82,989,250	25,133,468
North Dakota	9,008,488	469,612	8,471,144	5,479,390	2,912,733
Ohio		17,397,203	163,381,481	136,421,682	24,792,886
Oklahoma		5,363,994	29,541,533	20,832,629	7,225,713

[In thousands of dollars. Source: Chief Financial Officer, Financial Management]

		_	Individual income taxes, en	nployment taxes, and estate a	
State	Total Internal Revenue collections ¹ (1)	Business income taxes ² (2)	Total (3)	Individual Income taxes withheld and FICA taxes ³ (4)	Individual income taxes not withheld and SECA taxes ³ (5)
Oregon	44,049,284	2,382,726	41,125,806	29,026,453	11,505,118
Pennsylvania	177,413,459	16,044,579	158,071,127	119,241,324	35,547,147
Rhode Island	19,811,786	3,528,704	16,218,508	13,277,020	2,708,099
South Carolina	38,791,108	2,079,497	36,189,014	23,543,132	12,038,903
South Dakota	13,497,584	397,462	12,989,737	5,829,764	3,108,186
Tennessee	95,387,866	7,997,498	84,876,166	65,556,645	18,124,557
Texas	400,867,645	36,394,970	340,961,422	235,878,672	94,398,717
Utah	38,068,716	1,643,452	35,753,534	24,284,593	10,912,561
Vermont	5,803,277	189,861	5,582,596	3,799,430	1,661,858
Virginia	117,509,328	14,105,898	102,494,115	74,387,846	26,817,650
Washington	148,466,475	15,737,862	129,877,136	96,386,231	32,111,707
West Virginia	8,434,626	352,395	8,036,912	5,930,258	2,027,862
Wisconsin	70,395,861	5,362,597	64,100,072	48,173,101	14,358,520
Wyoming	7,954,734	215,087	7,397,773	2,698,070	3,504,077
U.S. Armed Services overseas and Territories other than Puerto Rico	837,736	5,464	831,464	601,040	208,161
Puerto Rico	4,849,249	45,567	4,776,483	3,692,175	1,032,965
International	17,654,466	3,718,718	13,639,984	5,962,912	7,514,201
Undistributed 6	17,364,648	6,058,471	9,199,468	204,123	8,972,903

In thousands of dollars	Source: Chief	Financial Officer	Financial Management]	
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		k, employment taxes, an ome tax -continued	nd estate and trust			
State	Unemployment insurance taxes (6)	Railroad retirement taxes (7)	Estate and trust income taxes ⁴ (8)	Estate taxes (9)	Gift taxes (10)	Excise taxes ⁵ (11)
United States, total		6,148,312	85,160,093	28,909,393	4,445,883	70,679,117
Alabama		3,525	544,565	267,069	30,921	262,500
Alaska		2,008	196,959	35,788	98	61,723
Arizona		2,013	670,817	209,065	30,814	1,718,491
Arkansas		2,969	339,873	157,175	133,501	630,661
California		8,073	6,075,435	5,778,261	669,690	4,356,015
Colorado		20,460	761,831	192,972	46,954	662,883
Connecticut		4,991	1,599,371	252,262	35,052	349,593
Delaware		29,488	4,724,084	126,498	7,691	331,020
District of Columbia		614,347	206,437	259,188	2,256	50,703
Florida		612,247	6,771,951	3,850,274	458,775	1,578,693
Georgia		633,631	1,122,340	680,334	57,750	4,049,555
Hawaii		0	143,300	40,885	750	201,619
Idaho		843	127,819	103,585	1,268	56,921
Illinois		386,897	9,525,567	914,116	246,949	4,014,117
Indiana		22,303	411,338	107,430	14,392	687,516
lowa		9,571	133,956	173,164	81,281	315,683
Kansas		85,923	458,135	181,633	36,938	1,521,613
Kentucky		16,772	342,425	337,945	14,272	254,768
Louisiana		6,020	411,656	170,129	15,012	313,593
Maine		3,144	223,236	112,892	2,031	30,672
Maryland		18,848	1,289,934	315,634	84,266	94,255
Massachusetts		75,406	2,365,048	574,432	137,514	1,094,864
Michigan		12,850	1,777,033	609,185	100,314	358,361
Minnesota		93,080	495,190	220,060	23,637	813,532
Mississippi		1,961	155,813	49,878	8,774	160,871
Missouri		128,133	1,318,714	284,575	29,008	683,017
Montana		33,170	73,483	84,340	8,627	26,370
Nebraska		1,064,714	202,174	184,789	55,281	129,042
Nevada		160	4,921,700	656,356	52,670	250,621
New Hampshire		77	766,011	34,854	4,189	419,310
New Jersey		194,886	2,510,179	744,358	88,567	1,887,391
New Mexico		449	122,382	83,101	7,933	16,227
New York		603,216	6,341,342	2,707,739	416,627	2,464,451
North Carolina		12,970	997,012	374,860	36,537	398,049
North Dakota		8,900	56,258	19,561	378	47,793
Ohio		27,974	1,879,849	558,515	118,227	6,588,541
Ohio		3,405	1,679,649	153,094	1,572	3,711,124

TABLE FFO-5—Internal Revenue Receipts by State, 2022, continued

[In thousands of dollars. Source: Chief Financial Officer, Financial Management]

		tax, employment taxe ncome tax -continued				
State	Unemployment insurance taxes (6)	Railroad retirement taxes (7)	Estate and trust income taxes ⁴ (8)	Estate taxes (9)	Gift taxes (10)	Excise taxes ⁵ (11)
Oregon	78,405	2,001	513,829	166,215	9,994	364,543
Pennsylvania	277,739	74,513	2,930,404	681,533	76,869	2,539,351
Rhode Island	32,832	3	200,554	38,169	3,805	22,599
South Carolina	67,217	2,008	537,755	175,669	25,578	321,349
South Dakota	13,738	1,302	4,036,747	71,477	207	38,701
Tennessee	204,171	2,619	988,174	385,927	15,153	2,113,122
Texas	582,736	1,278,060	8,823,237	2,108,978	349,218	21,053,057
Utah	72,650	2,685	481,045	53,517	3,351	614,861
Vermont	8,624	4,120	108,565	6,499	1,612	22,710
Virginia	174,613	7,374	1,106,632	645,516	62,049	201,750
Washington	262,680	12,484	1,104,035	788,263	356,465	1,706,749
West Virginia	14,784	910	63,098	3,674	364	41,281
Wisconsin	134,381	2,506	1,431,565	267,184	29,741	636,268
Wyoming	8,800	635	1,186,192	117,300	187,600	36,973
U.S. Armed Services overseas and Territories other than Puerto Rico	6.444	0	15.820	0	0	807
Puerto Rico	48,164	0	3,179	22,487	0	4,711
International	5,699	2,716	154,457	44	0	295,720
Undistributed 6	13,491	8,950	0	1,770,943	263,363	72,404

¹ Gross collections include penalties and interest in addition to taxes

² Includes taxes on corporation income (Form 1120 series) and unrelated business income from tax-exempt organizations (Form 990-T).

³ Collections of withheld individual income tax are not reported by taxpavers separately from Old-Age, Survivors, Disability, and Hospital Insurance (OASDHI) taxes on salaries and wages (under the Federal Insurance Contributions Act or FICA) and taxes on self-employment income (under the Self-Employment Insurance Contributions Act or SECA). Thus, while Table 1 shows these amounts separately for the United States total, separate amounts are not available by State.

⁴Includes collections of estimated estate and trust income taxes and payments made in conjunction with estate and trust tax return filings. ⁵Excludes excise taxes collected by U.S. Customs and Border Protection and the Alcohol

and Tobacco Tax and Trade Bureau. The Internal Revenue Service collected taxes on alcohol and tobacco until Fiscal Year 1988, and taxes on firearms until Fiscal Year 1991. ⁶ Includes tax and excess withholding payments not classified by State as of the end of the fiscal year because they had not been applied to taxpayer accounts. Undistributed amounts may be negative when adjustments to taxpayer accounts have not been completed. Note—Partnership, S corporation, regulated investment company, and real estate investment trust data are not shown in this table since these entities generally do not have a tax liability. Instead, they pass through any profits or losses to the underlying owners, who include these profits or losses on their income tax returns.

Note-This table shows gross collections. Gross collections less refunds equal net collections. See Table 1 for refunds and net collections

Note- Collection and refund data may not be comparable for a given fiscal year because payments made in prior years may be refunded in the current fiscal year. Adjustments to prior-year refunds made in Fiscal Year 2020 may result in negative amounts when such adjustments exceed current-year collections. See Table 8 for refund data.

Note- Classification by State is based on the individual's address (or, in the case of businesses, the location of the principal office or place of business). However, some individuals may use the address of a tax attorney or accountant. Sole proprietors may use their business addresses. Such addresses could have been located in a State other than the State in which the individual resided. Similarly, taxes withheld and reported by employers located near a State boundary might include substantial amounts withheld from salaries of employees who reside in a neighboring State. Also, while taxes of corporations may be paid from the principal office, the operations of these corporations may be located in one or more other State(s).

Detail may not add to totals because of rounding. SOURCE: Chief Financial Officer, Financial Management

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees by Districts and Ports

District and Port	Port	Collection Fiscal Year	District and Port	Port	Collection Fiscal Year
of Collection	Code	2022	of Collection	Code	2022
Headquarters:	0000	LULL	St. Albans, Vermont:	0000	LULL
•		***	St. Albans, VT	10201	392,317.
Revenue Division, Indianapolis, IN.		\$2,896,234,144.62	Richford, VT		98,113.2
			Beecher Falls, VT		873,850.0
Preclearance, Washington, DC:					,
USCBP Abu Dhabi, Preclearance,			Burlington INTL Airport, VT		836,254.0
Washington, DC	. 07543	359,134.46	Derby Line, VT		28,614,134.
USCBP Vancouver, Preclearance,			Norton, VT		13,523,982.0
Washington, DC	. 37922	595,521.92	Highgate Springs, VT		64,221,671.
USCBP Calgary, Preclearance,			Newport Border Patrol, VT		0.0
Washington, DC	. 37923	1,201,765.08	Total District		\$108,560,324.
USCBP Edmonton,					
Preclearance, Washington, DC	37924	74,625.28	Boston, Massachusetts:		
USCBP Montreal, Preclearance,			Boston, MA	. 10401	279,037,555.
Washington, DC	. 37925	870,025.62	Springfield, MA	10402	248,137.
USCBP Toronto, Preclearance,			Worcester, MA	10403	52,654,479.
Washington, DC	. 37926	2,037,306.72	Gloucester, MA		25,949.
USCBP Winnipeg, Preclearance,			New Bedford, MA		26,974,526.
Washington, DC	. 37928	63,820.06	Plymouth, MA		0.
USCBP Ottawa, Preclearance,			Fall River, MA		532,403.
Washington, DC	37929	25,144.73	Salem, MA		39,678,536.
USCBP Victoria, Preclearance,	0.020	_0,0	Bridgeport, CT		2,995,351.
Washington, DC	37930	18,502.01	Hartford, CT		8,592,178.
USCBP Halifax Preclearance,		10,002.01			
Washington, DC	37031	7.819.55	New Haven, CT		56,839,659.
USCBP St. Thomas,	. 07001	7,010.00	New London, CT		592,651.
Preclearance, Wash. D.C	47401	304,547.84	Lawrence, MA		76,194.
	. 47401	504,547.04	Boston Logan INTL Airport, MA		156,225,753.
USCBP St. Croix,	47404	10 174 04	Hanscom Field Civil Air Terminal, MA	. 10481	285,087.
Preclearance, Wash. D.C	. 47404	12,174.64	Total District		\$624,758,464.
USCBP Bermuda, Preclearance,	17101	00 405 77			
Washington, DC	. 47421	26,165.77	Providence, Rhode Island:		
USCBP Nassau, Preclearance,			Newport, RI	10501	405,229.
Washington, DC	. 47423	218,659.45	Providence, RI	10502	99,145,681.
USCBP Aruba, Preclearance,			Total District		\$99,550,910.
Washington, DC	. 47424	432,623.15			+;;-
USCBP Dublin Preclearance,			Ogdensburg, New York:		
Washington, DC	. 57541	149,244.23		10701	15,960,244.
USCBP Shannon Preclearance,			Ogdensburg, NY		, ,
Washington, DC	. 57542	7,598.43	Massena, NY		2,331,661.
Total District		\$6,404,678.94	Alexandria Bay, NY		49,559,968.
			Champlain, NY		286,084,125.
Portland, Maine:			Trout River, NY		54,142,546.
Portland, ME	. 10101	23,958,124.92	Plattsburgh INTL Airport, NY		5,668.
Bangor, ME		1,060,443.76	Total District		\$408,084,214.
Eastport, ME		46,550.83			
Jackman, ME		23,463,252.49	Buffalo, New York:		
Vanceboro, ME		11,865,977.47	Buffalo, NY	10901	523,126,799.
Houlton, ME		26,747,423.81	Rochester, NY		7,878,395.
			Oswego, NY		1.828.009
Fort Fairfield, ME		17,623.32	Syracuse, NY		21,124,318
Van Buren, ME		15,092,530.44	Greater Binghamton Airport, NY		4,686.
Madawaska, ME		32,645.88	Griffiss International Airport, NY		4,000. 0.
Fort Kent, ME	10110	230,958.04	Ithaca Tompkins INTL Airport, NY		3,635
Bath, ME		0.00	1 1 2	10983	
Bar Harbor, ME		2,263.68	Total District		\$553,965,844.
Calais, ME	. 10115	4,884,526.83	Dhiladalahia Davis Lasia		
Limestone, ME		27.75	Philadelphia, Pennsylvania:		070 077 1-1
Bridgewater, ME		6,175.39	Philadelphia, PA		672,057,474.
Portsmouth, NH		2,637,442.04	Chester, PA		183,470,142.
Belfast, ME		0.00	Wilmington, DE		44,823,478.
Searsport, ME		118,008.76	Pittsburgh, PA		114,042,986.
Manchester-Boston Reg. Airport, NH		192,401.58	Wilkes-Barre/Scranton, PA	. 11106	70,025,789.
Total District		\$110,356,376.99	Philadelphia International		
		ψιιο,000,010.00	Airport, PA		45,418,500.

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees 28 by Districts and Ports, continued

[Source: U.S. Customs and Border Protection]

		Collection			Collection	
District and Port	Port	Fiscal Year	District and Port	Port	Fiscal Year	
of Collection	Code	2022	of Collection	Code	2022	
			Pembina, North Dakota:			
Philadelphia, Pennsylvania, continue	ed:		Pembina, ND			
Harrisburg, PA	. 11109	105,590,889.23	Portal, ND	33403	156,000,271	
Allentown, PA	11119	44,560,395.89	Neche, ND	33404	251,447	
Atlantic City INTL Airport, NJ	. 11182	14,155.96	St. John, ND			
Trenton-Mercer Airport, PA	. 11183	67,872.54	Northgate, ND		334,988	
UPS, Philadelphia, PA	. 11195		Walhalla, ND	33407	17,796	
Total District			Hannah, ND	. 33408	19	
			Sarles, ND	. 33409	805	
Baltimore, Maryland:			Hector International Airport, ND			
Annapolis, MD	. 11301	1,272,756.42	Antler, ND			
Cambridge, MD			Sherwood, ND			
Baltimore, MD			Hansboro, ND			
Crisfield, MD			Maida, ND			
Balt./Wash. INTL Airport, MD			Fortuna, ND		1	
Total District			Westhope, ND			
		\$1,070,101,994.39	• •			
New York, New York			Noonan, ND Carbury, ND			
New York, New York:	01001	4 045 004 400 50	•			
New York, NY	. 21001		Dunseith, ND			
Albany, NY			Warroad, MN	. 33423	552,354	
Fishkill, NY (ICE)		3,783.00	Baudette, MN		5,829	
New York, NY/Newark, NJ			Pinecreek, MN			
Perth Amboy, NJ			Roseau, MN		,	
UPS, Newark, NJ			Mark Andrews INTL Airport, ND			
FedEx Newark, NJ	. 24671		Lancaster, MN			
Morristown Airport, NJ	. 24681	119,715.07	Williston Basin INTL Airport, ND.	. 33433	0	
New York Stewart International	24682	63,441.80	Minot INTL Airport, ND	33434	1,326	
Airport, NY			Total District		\$272,001,513	
John F. Kennedy INTL Airport,	24701	1,728,702,661.65				
NY			Minneapolis, Minnesota:			
NYACC JFK INTL Airport, NY		5,671,156.23	Minneapolis, MN	. 33501	621,771,260	
DHL JFK INTL Airport, NY			Sioux Falls Regional Airport, SD			
Micom JFK INTL Airport, NY			St Paul Downtown Airport, SD			
IBC JFK INTL Airport NY			Duluth, MN/Superior, WI		,	
FedEx JFK INTL Airport, NY						
			Ashland, WI			
Total District		\$15,552,832,380.88	Omaha, NE			
Orest Falls Mantanas			Des Moines, IA			
Great Falls, Montana:	00004	0 704 004 04	Rochester, MN			
Raymond, MT			Total District		\$780,604,587	
Eastport, ID						
Salt Lake City, UT			International Falls, Minnesota:			
Great Falls INTL Airport, MT			International Falls, MN	. 33604	381,143,881	
Butte Airport, MT			Grand Portage, MN	. 33613	2,994,408	
Turner, MT			Total District		\$384,138,289	
Denver, CO	. 33307	208,525,818.01				
Porthill, ID	. 33308	13,653.70	Milwaukee, Wisconsin:			
Scobey, MT	. 33309	24,961.63	General Mitchell INTL Airport,			
Sweetgrass, MT	. 33310	55,173,973.32	WI	. 33701	61,203,315	
Piegan, MT			Marinette, WI			
Opheim, MT			Green Bay Austin Straubel INTL			
Roosville, MT			Airport, WI	. 33703	611,651	
Morgan, MT			Manitowoc, WI			
Del Bonita, MT		,	Racine, WI			
Wild Horse, MT		,	Appleton INTL Airport, WI			
Kalispell Airport, MT			Shouhovaon County Mamaria		14,004	
			Sheyboygan County Memorial	22700	1.000	
Willow Creek, MT			Airport, WI			
Billings, MT (ICE)	33326		Total District		\$62,123,052	
Rocky Mtn Metro Airport, CO			5 / // 1			
Centennial Airport, CO	. 33384	129,807.63	Detroit, Michigan:			
Eagle County Regional			Detroit, MI			
Airport, CO	. 33385	75,797.01	Port Huron, MI		491,347,023	
Bozeman Yellowstone INTL Airport,			Sault Sainte Marie, MI	. 33803	18,263,482	
MT			Saginaw/Bay City/Flint, MI	. 33804		
Total District		\$604,490,709.98	Battle Creek, MI			
			Grand Rapids, MI		, ,	
			Detroit Metropolitan Airport, MI			
			Marguette MI	33809	406	

180,784,979.27 406.33

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees by Districts and Ports, continued

		Collection			Collection
	Port	Fiscal Year	District and Port	Port	Fiscal Year
of Collection	Code	2022	of Collection	Code	2022
Detroit, MI continued:			Luis Munoz Marin International		
Algonac, MI	33814	1,105.30	Airport, PR	44913	20,971,606
Muskegon, MI	33815	0.00	Total District		
Grand Haven, MI	33816	0.00			φ000,000,20
DeTour Village, MI			Virgin Islands of the United States:		
			Virgin Islands of the United States:	45101	10 006 403
Oakland County Intl Airport, MI			Charlotte Amalie, VI		
Willow Run Airport, MI			Cruz Bay, VI		
Capital Region Intl Airport, MI			Christiansted, VI		
Total District		\$2,186,859,023.79	Total District		\$16,264,453
Chicago, Illinois			Miami, Florida:	4-004	
Chicago, IL			Miami Seaport, FL	45201	1,427,202,210
Peoria, IL			Key West, FL		
Gary/Chicago INTL Airport, IN	33905	5,567.54	Port Everglades/Fort Lauderdale, FL	45203	
Davenport, IA/Moline-Rock			West Palm Beach, FL	45204	13,014,62
Island, IL	33908	104,611.75	Fort Pierce, FL		9,16
Chicago Rockford INTL Airport, IL			Miami International Airport, FL	45206	270,025,550
Midway International Airport, IL			Fort Lauderdale International		210,020,000
IBC Chicago, IL	33070	271,512.90		45210	6,701,49
			Airport, FL		0,701,49
Waukegan National Airport, IL			West Palm Beach Border Patrol,	45050	
Chicago Executive Airport, IL			FL	45252	(7,371
Dupage County Airport, IL			UPS Miami International Airport,		
Decatur Airport, IL	33985	0.00	FL (Inactive)		
South Bend International			Marathon International Airport, FL	45281	11,49
Airport, IN	33986	28,575.02	Boca Raton Airport, FL		146,29
Williard Airport, IL			Witham Field, FL	45283	82,59
DHL Chicago, IL	33991	1,275,574.84	UPS Miami International		02,00
			Airport, FL	45205	2,115,13
Total District		\$0,040,009,790.45		45295	2,110,10
			DHL Miami INTL Airport, FL		
Cleveland, Ohio:			FedEx Miami INTL Airport, FL		
Cleveland, OH	34101	699,892,454.95	IBC Miami INTL Airport, FL		
Cincinnati, OH/Erlanger, KY	34102	583,639,007.62	Miami Seaport, FL (Alternate)	45299	1,387,02
Columbus, OH	34103	1,234,516,537.16	Total District		\$2,218,018,68
Dayton, OH					
Toledo-Sandusky-Port Clinton,			Washington, DC:		
OH	34105	37,203,181.43	Washington-Dulles, VA	45401	109,472,36
Erie, PA			R. Regan Wash. Nat. Airport, VA	45402	
Northern Kentucky, KY (ICE)	2/107	162 140 00	Total District		
			Total District		\$109,472,30
Indianapolis, IN					
Louisville, KY			Norfolk, Virginia:		
Evansville, IN	34116	62,638,563.96	Norfolk-Newport News, VA		
Ashtabula/Conneaut, OH	34122	923,744.91	Richmond-Petersburg, VA	41404	37,800,53
Fort Wayne INTL Airport, IN	34183	2,748,744.19	Charleston, WV		
Blue Grass Airport, KY			Front Royal, VA		
UPS Louisville, KY			New River Valley Airport, VA		
DHL Cincinnati, OH			Total District		
					φ ∠,040,200,0 3
FedEx Indianapolis, IN			Oberlatte North Oracl		
Total District		\$5,389,904,369.45	Charlotte, North Carolina:		A
			Wilmington, NC		
St. Louis, Missouri:			Greensboro/Winston-Salem, NC	41502	178,119,64
Kansas City, MO	34501	978,041,256.29	Raleigh-Durham, NC	41503	39,662,12
St. Joseph, MO	34502	0.00	Morehead City-Beaufort, NC		
St. Louis, MO			Charlotte, NC		
Wichita, KS			Charlotte-Monroe Exec. Airport, NC		
Springfield, MO					
	54505	20,569,596.34	Total District		
MidAmerica St Louis Airport,	04504				
MO			Charleston, South Carolina:		
Total District		\$1,398,529,009.50	Charleston, SC		- / / / /
			Georgetown, SC	41602	9,42
San Juan, Puerto Rico:			Greenville-Spartanburg, SC		
Aguadilla, PR	44901.	583,967.22	Columbia, SC		
Fajardo, PR	44904	4,617,687.05	Greer, SC (ICE)		
Mayaguez, PR					11,24
			Myrtle Beach International		
	44000	40 000 000 75			
Ponce, PR San Juan, PR			Airport, SC Total District	41681	23,69 \$3,612,341,77

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees 30 by Districts and Ports, continued

		[Source: U.S. Customs a Collection			Collection
District and Port	Port	Fiscal Year	District and Port	Port	Fiscal Year
of Collection	Code	2022		Code	2022
	Code	2022		Code	2022
Savannah, Georgia:			Port Arthur, Texas:		
Brunswick, GA	41701		Port Arthur, TX	. 62101	37,451,822
Savannah, GA	41703	7,387,270,483.98	Sabine, TX	. 62102	42,988
Atlanta, GA	41704	1,266,046,292.86	Orange, TX	62103	834
Albany, GA (ICE)	41705		Beaumont, TX		
Dalton, GA (ICE)			Border Patrol Sector HQ, AZ		
		0.00	Blythe Border Patrol, CA		
Cobb County International	44704				
Airport, GA	41/81		Yuma Border Patrol, AZ		
DHL Atlanta, GA		3,282.55	Wellton Border Patrol, AZ	. 62153	3,001.
Total District		\$8,894,772,834.92			
			Total District		\$40,460,819.
Tampa, Florida:					
Tampa, FL	41801	378,746,708.95	Laredo, Texas:		
Jacksonville, FL			Border Patrol Sector HQ,		
Fernandina Beach, FL		, ,	TX	62250	(136,185.9
			Laredo Del Mar Border Patrol, TX		
Orlando INTL Airport, FL	41000	32,276,310.07			
Orlando Sanford INTL Airport,			Cotulla Border Patrol, TX		
FL			Hebbronville Border Patrol, TX		
Sarasota/Bradenton, FL (ICE)		0.00	Laredo South Border Patrol, TX		
St. Petersburg, FL			Freer Border Patrol. TX		
Cape Canaveral, FL	41816	11,892,491.45	Zapata Border Patrol, TX		
Panama City, FL			Laredo West Border Patrol, TX		
			Brownsville. TX		-,
Pensacola, FL					
Port Manatee, FL			Del Rio, TX	. 62302	8,840,056
Ft. Myers, FL	41822	197,122.96	Eagle Pass, TX		
Naples Airport, FL	41880	38,525.52	Laredo, TX	62304	1,512,159,138
Lakeland Linder Airport, FL			Hidalgo, TX	62305	184,921,058
Sarasota Bradenton INTL Airport, FL			Rio Grande City, TX	62307	2,473,673
			Progreso, TX	62300	1,110,093
Daytona Beach International	44004	17 010 75			
Airport, FL			Roma, TX		
Melbourne INTL Airport, FL			Border Patrol Sector HQ, TX	62350	
Leesburg INTL Airport, FL	41887	1,626.90	Comstock Border Patrol, TX	. 62351	14,150
Orlando Executive Airport, FL	41888	6,054.12	Carrizo Springs Border		
St. Augustine, FL			Patrol, TX	62352	183,639
Total District			Del Rio Border Patrol, TX	62353	58,894
			Eagle Pass Border Patrol, TX		
Mobile, Alabama:		/ /-	Brackettville Border Patrol, TX		
Mobile, AL			Uvalde Border Patrol, TX		
Gulfport, MS			Rocksprings Border Patrol, TX	62357	500.
Pascagoula, MS	51903	4,148,052.13	Llano Border Patrol, TX	62358	500.
Birmingham, AL			Border Patrol Sector HQ, TX		
Huntsville, AL	51910	63,177,304.30	South Texas INTL Airport at	0200	,•
Total District			Edinburg, TX	62381	242
		\$942,409,720.20	Valley International Airport,	0200	
			TX	62383	518,881
New Orleans, Louisiana:			.,	02000	
Morgan City, LA	52001	3,958,210.89	Total District		\$2,217,811,922
New Orleans, LA	52002	980,525,707.09			
Little Rock, AR		, ,	El Paso, Texas:		
Baton Rouge, LA			Ysleta, TX	62401	281,919,736
Mamahia TN		43,514,101.02	El Paso, TX		
Memphis, TN					
Nashville, TN			Presidio, TX		
Chattanooga, TN	52008	9,770,095.19	Tornillo, TX		
Gramercy, LA	52010	50,033,934.14	Columbus, NM		
Greenville, MS			Albuquerque, NM		
Vicksburg, MS			Santa Teresa, NM		
0,			Fort Hancock, TX	62409	
Knoxville, TN		, ,	Santa Teresa Airport, NM	62481	
Lake Charles, LA		1 1 -			
Shreveport/Bossier City, LA	52018	2,690,607.87	Total District		\$570,940,785
Tri-Cities Airport, TN					
Rogers Municipal Airport, AR			Nogales, Arizona:		
			Douglas, AZ	62601	5,228,423
FedEx Memphis, TN			Lukeville, AZ		
Total District		\$3,991,224,877.95			
			Naco, AZ		
			Nogales, AZ		
			Phoenix, AZ	62605	150,496,633.
				62606	100,400,000.

20,153.55 7,917,527.20 Sasabe, AZ 62606..... San Luis, AZ..... 62608..... Tucson, AZ...... 62609..... 4,856,500.29

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees by Districts and Ports, continued

Port ode 2650	95,852.43 202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	District and Port of Collection Kelly Field, TX Dallas Love Field Airport, TX Fort Worth Meacham INTL Airport, TX. Total District San Diego, California: San Diego, CAlifornia: San Diego, CAlifornia: San Diego, CA. Andrade, CA. Calexico, CA. San Ysidro, CA. Tecate, CA. Otay Mesa, CA. Calexico East, CA. Indio Border Patrol, CA. McClellan-Palomar Airport, CA. Brown Field Border Patrol, CA.	65588 65589 72501 72502 72503 72504 72505 72506 72506 72507 72551 72581 75653	
ode 2650 2651 2652 2653 2653 2655 2655 2655 2656 2657 2658 2681 2682 5301 5306 5309 5310	2022 18,983.09 95,852.43 202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	of Collection Kelly Field, TX Dallas Love Field Airport, TX Fort Worth Meacham INTL Airport, TX Total District San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA. Otay Mesa, CA. Calexico East, CA. Indio Border Patrol, CA Brown Field Border Patrol, CA	Code 65587 65588 65589 72501 72502 72503 72504 72505 72506 72507 72551 72581 75653	2022
2650	18,983.09 95,852.43 202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Kelly Field, TX	65587 65588 65589 72501 72502 72503 72504 72505 72506 72507 72551 72581 75653	0.0 410,654.3 54,705.3 \$2,481,195,361.6 143,581,492.2 215,002.5 (27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2651	95,852.43 202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Dallas Love Field Airport, TX Fort Worth Meacham INTL Airport, TX Total District San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA Brown Field Border Patrol, CA	65588 65589 72501 72502 72503 72504 72505 72506 72506 72507 72551 72581 75653	
2651	95,852.43 202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Fort Worth Meacham INTL Airport, TX Total District San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA Brown Field Border Patrol, CA	65589 72501 72502 72503 72504 72506 72506 72507 72551 72581 75653	54,705.3 \$2,481,195,361.6 \$2,481,195,361.6 143,581,492.2 215,002.5 (27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2652	202,651.28 83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Airport, TX Total District San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA Brown Field Border Patrol, CA	72501	\$2,481,195,361.6 143,581,492.2 215,002.5 (27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2653	83,511.05 162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Total District San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72501	\$2,481,195,361.6 143,581,492.2 215,002.5 (27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2654	162,588.00 49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	San Diego, California: San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72501 72502 72503 72504 72506 72506 72507 72551 72581 75653	143,581,492.2 215,002.5 (27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2655	49,952.00 95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72502 72503 72504 72505 72506 72507 72551 72581 75653	215,002.5
2656	95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	San Diego, CA Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72502 72503 72504 72505 72506 72507 72551 72581 75653	215,002.5
2656	95,745.82 73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72502 72503 72504 72505 72506 72507 72551 72581 75653	215,002.5
2657 2658 2681 2682 5301 5306 5309 5310	73,484.00 177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Andrade, CA Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72502 72503 72504 72505 72506 72507 72551 72581 75653	215,002.5
2658 2681 2682 5301 5306 5309 5310	177,676.00 32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Calexico, CA San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72503 72504 72505 72506 72507 72551 72581 75653	(27.00 4,436,959.6 10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
2681 2682 5301 5306 5309 5310	32,811.54 19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	San Ysidro, CA Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72504 72505 72506 72507 72551 72581 75653	
2682 5301 5306 5309 5310	19,993.97 \$398,325,468.76 5,807,259,488.38 15,558,702.92	Tecate, CA Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72505 72506 72507 72551 72581 75653	10,962,267.8 295,339,837.2 47,831,226.5 0.0 159,814.4 0.0
5301 5306 5309 5310	\$398,325,468.76 5,807,259,488.38 15,558,702.92	Otay Mesa, CA Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72506 72507 72551 72581 75653	
5301 5306 5309 5310	\$398,325,468.76 5,807,259,488.38 15,558,702.92	Calexico East, CA Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72507 72551 72581 75653	
5301 5306 5309 5310	5,807,259,488.38 15,558,702.92	Indio Border Patrol, CA McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72551 72581 75653	
5306 5309 5310	15,558,702.92	McClellan-Palomar Airport, CA Brown Field Border Patrol, CA	72581 75653	
5306 5309 5310	15,558,702.92	Brown Field Border Patrol, CA	75653	
5306 5309 5310	15,558,702.92	,		
5306 5309 5310	15,558,702.92	,		
5309 5310				\$502,526,573.5
5310				,
5310	190,547,063.39	Los Angeles, California:		
		Los Angeles, CA	70704	
5311		Port San Luis Harbor, CA		
5312		Long Beach, CA		
5313	7,109,131.76	Ventura, CA		
5314	23,187.49	Port Hueneme, CA	72713	176,576,217.8
5350	14,913.00	Morro Bay, CA	72719	
5351	141 244 00			
5352	300 335 00			
	950,000			
		Micom Inglewood, CA	72777	
5356	51,945.00	Palm Springs, CA	72781	
5357	385,167.00	San Bernardino INTL Airport, CA	72782	
		Van Nuve, CA	72707	
	\$0,184,830,473.14			
		Total District		\$28,709,411,966.2
		San Francisco, California:		
5502	698.47	San Francisco International		
			72801.	
		Stockton, CA	72810	
	,	Oakland International Airport, CA	72811	
5553	13,763.01	Richmond, CA	72812	
5554	30,493.99	Crockett CA	72815	
		3 7		
JJJ0	14,204.39			
5562	0.00	San Jose International Airport, CA		
5582	66,758.68	Sacramento International Airport, CA		
5583		Fresno Yosemite INTL Airport, CA		
		FedEx Oakland, CA		
5584	42,610.75	FEUEX Oakialiu, CA	12090	
	3350 3351 3352 3353 3354 3355 3355 3356 3357 3358 3359 3381 3382 5501 5502 5503 5504 5505 5506 5550 5553 5554 5558 5561	5350	5350	5350

TABLE FFO-6—Customs and Border Protection Collection of Duties, Taxes, and Fees by Districts and Ports, continued

[Source: U.S. Customs and Border Protection]

		Collection	4		Collection
District and Port	Port	Fiscal Year	District and Port	Port	Fiscal Year
of Collection	Code	2022	of Collection	Code	2022
Portland, Oregon:	70004	000 005 05	Seattle-Tacoma International		100 000 510 0
Astoria, OR		996,385.65	Airport, WA		/ /
Newport, OR		1,693.26	UPS, Seattle, WA		- / /
Coos Bay, OR		168,187.97	Airborne Express Southeast, WA.	73074	0.0
Portland, OR		538,447,938.07	Grant County Airport, WA		
Longview, WA		55,165,319.82	Total District		\$4,417,216,574.4
Boise, ID		744,503.35			
Vancouver, WA		70,302,729.76	Anchorage, Alaska:		
Kalama, WA		4,474,617.49	Juneau, AK		
Portland International Airport, OR		5,880,366.69	Ketchikan, AK		
Brush, CO (ICE)	72919	0.00	Skagway, AK	73103	26,869.0
Medford, OR	72982	2,275,278.25	Alcan, AK	73104	658,001.5
Hillsboro Airport, OR	72983	0.00	Wrangell, AK		227.3
Total District		\$678,457,020.31	Dalton Cache, AK	73106	52,459.8
			Fairbanks, AK		3.470.0
Seattle, Washington:			Sitka, AK		
Seattle, WA	73001	1,895,019,447.67	Anchorage, AK		
Tacoma. WA		1,611,380,436.91	FedEx Anchorage, AK		
Aberdeen, WA		873,631.25	UPS Anchorage, AK		
Blaine, WA		447,686,215.30	Total District		
Bellingham, WA		5,248,669.48			
Everett, WA		125,939,242.04	Honolulu, Hawaii:		
Port Angeles, WA		184,082.70	Honolulu, HI	73201	98,896,593.6
Port Townsend, WA		459.06	Hilo, HI		
Sumas. WA		459.00	Kahului. HI		
		- , - ,	Nawiliwili-Port Allen. HI		
Anacortes, WA		5,118,819.80	,		-,
Nighthawk, WA		4,776.27	Honolulu Airport, HI		
Danville, WA		67,819.24	Kona, HI		, -
Ferry, WA		223,423.85	FedEx Honolulu, HI		
Friday Harbor, WA		124,961.83	Total District		\$170,854,026.8
Boundary, WA		6,168,212.89			
Laurier, WA		21,776,191.14	Guam		
Point Roberts, WA		193,271.32	Guam		
Oroville, WA		33,926,700.49	American Samoa, GU (ICE)	73209	
Frontier, WA		1,458,495.16	Total District		
Spokane, WA		15,897,312.83			. ,
Kenneth G Ward Memorial		-,,-	Total Customs and Border Protecti	on Collections	
Lynden, WA	73023	460,497.84	for fiscal year 2022		\$118,109,299,418.7
Metaline Falls, WA		1,030,096.92	···· , ··· , ··· -·		<u>,,,,.</u>
Olympia, WA		1.915.492.18			
	73027	0.00			

INTRODUCTION: Federal Debt

Treasury securities (i.e., public debt securities) comprise most of the Federal debt, with securities issued by other Federal agencies accounting for the rest. Tables in this section of the "Treasury Bulletin" reflect the total. Further detailed information is published in the "Monthly Statement of the Public Debt of the United States." Likewise, information on agency securities and on investments of Federal Government accounts in Federal securities is published in the "Monthly Treasury Statement of Receipts and Outlays of the United States Government."

Treasury's Bureau of the Fiscal Service compiles data in the "Treasury Bulletin" tables FD-2 and FD-6 from the "Monthly Statement of the Public Debt of the United States."

• Table **FD-1** summarizes the Federal debt by listing public debt and agency securities held by the public, including the Federal Reserve. It also includes debt held by Federal agencies, largely by the Social Security and other Federal retirement trust funds. The net unamortized premium and discount also are listed by total Federal securities, securities held by Government accounts and securities held by the public. The difference between the outstanding face value of the Federal debt and the net unamortized premium and discount is classified as the accrual amount. (For greater detail on holdings of Federal securities by particular classes of investors, see the ownership tables, OFS-1 and OFS-2.)

• Table **FD-2** categorizes by type, that is, marketable and nonmarketable, the total public debt securities outstanding that are held by the public.

• In table **FD-3**, nonmarketable Treasury securities held by U.S. Government accounts are summarized by issues to particular funds within Government. Many of the funds invest in par value special series nonmarketables at interest rates determined by law. Others invest in marketbased special Treasury securities whose terms mirror those of marketable securities.

• Table **FD-4** presents interest-bearing securities issued by Government agencies. Federal agency borrowing

has declined in recent years, in part because the Federal Financing Bank has provided financing to other Federal agencies. (Federal agency borrowing from Treasury is presented in the "Monthly Treasury Statement of Receipts and Outlays of the United States Government.")

• Table **FD-5** illustrates the average length of marketable interest-bearing public debt held by private investors and the maturity distribution of that debt.

In March 1971, Congress enacted a limited exception to the amount of bonds with rates greater than 4-1/4 percent that could be held by the public. This permitted Treasury to offer securities maturing in more than 7 years at current market interest rates for the first time since 1965. In March 1976, the definition of a bond was changed to include those securities longer than 10 years to maturity. This exception has expanded since 1971, authorizing Treasury to continue to issue long-term securities. The ceiling on Treasury bonds was repealed on November 10, 1988.

The volume of privately held Treasury marketable securities by maturity class reflects the remaining period to maturity of Treasury bills, notes and bonds. The average length is comprised of an average of remaining periods to maturity, weighted by the amount of each security held by private investors. In other words, computations of average length exclude Government accounts and the FRBs.

• In table **FD-6**, the debt ceiling is compared with the outstanding debt subject to limitation by law. The other debt category includes Federal debt Congress has designated as being subject to the debt ceiling.

• Table **FD-7** details Treasury holdings of securities issued by Government corporations and other agencies. Certain Federal agencies are authorized to borrow money from the Treasury, largely to finance direct loan programs. In addition, agencies such as the Bonneville Power Administration are authorized to borrow from the Treasury to finance capital projects. Treasury, in turn, finances these loans by selling Treasury securities to the public.

TABLE FD-1—Summary of Federal Debt

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

						Secur	ities held by		
	A	mount outstanding		Government accounts				The public	
End of fiscal year or month	Total (1)	Public debt securities (2)	Agency securities (3)	Total (4)	Public debt securities (5)	Agency securities (6)	Total (7)	Public debt securities (8)	Agency securities (9)
2018	21,538,880	21,516,058	22,822	5,737,252	5,737,252	-	15,801,628	15,778,806	22,822
2019	22,740,857	22,719,402	21,455	5,893,424	5,893,424	-	16,847,433	16,825,978	21,455
2020	26,965,542	26,945,391	20,151	5,907,764	5,907,764	-	21,057,778	21,037,627	20,151
2021	28,448,421	28,428,919	19,502	6,123,040	6,123,040	-	22,325,381	22,305,879	19,502
2022	30,948,265	30,928,912	19,353	6,608,706	6,608,706	-	24,339,559	24,320,206	19,353
2021 - Sept	28,448,421	28,428,919	19,502	6,123,040	6,123,040	-	22,325,381	22,305,879	19,502
Oct	28,928,663	28,908,765	19,898	6,247,399	6,247,399	-	22,681,264	22,661,366	19,898
Nov	28,928,235	28,907,987	20,248	6,237,725	6,237,725	-	22,690,510	22,670,262	20,248
Dec	29,637,003	29,617,215	19,788	6,448,886	6,448,886	-	23,188,117	23,168,329	19,788
2022 - Jan	30,032,163	30,012,386	19,777	6,500,497	6,500,497	-	23,531,666	23,511,889	19,777
Feb	30,309,927	30,290,353	19,574	6,489,253	6,489,253	-	23,820,674	23,801,100	19,574
Mar	30,420,358	30,400,960	19,398	6,497,680	6,497,680	-	23,922,678	23,903,280	19,398
Apr	30,393,512	30,374,155	19,357	6,504,558	6,504,558	-	23,888,954	23,869,597	19,357
May	30,519,177	30,499,619	19,558	6,574,537	6,574,537	-	23,944,640	23,925,082	19,558
June	30,588,304	30,568,582	19,722	6,635,101	6,635,101	-	23,953,203	23,933,481	19,722
July	30,614,928	30,595,109	19,819	6,621,007	6,621,007	-	23,993,921	23,974,102	19,819
Aug	30,955,816	30,936,075	19,741	6,646,856	6,646,856	-	24,308,960	24,289,219	19,741
Sept	30.948.265	30,928,912	19,353	6,608,706	6,608,706	-	24,339,559	24,320,206	19,353

	Fede	eral debt securitie	s	Securities hel	d by Government	accounts	Securitie	es held by the p	ublic
	Amount	Net unamortized		Amount	Net unamortized		Amount	Net unamortized	l
	outstanding	premium	Accrual	outstanding	premium	Accrual	outstanding	premium	Accrual
End of fiscal	face value	and discount	amount	face value	and discount	amount	face value	and discoun	
year or month	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
2018	21,538,880	78,187	21,460,692	5,737,252	27,744	5,709,509	15,801,628	50,443	15,751,183
2019	22,740,857	72,840	22,668,015	5,893,424	28,201	5,865,224	16,847,433	44,639	16,802,792
2020	26,965,542	64,433	26,901,109	5,907,764	25,727	5,882,037	21,057,778	38,706	21,019,071
2021	28,448,421	63,962	28,384,458	6,123,040	25,601	6,097,438	22,325,381	38,361	22,287,019
2022	30,948,265	110,711	30,837,552	6,608,706	27,988	6,580,718	24,339,559	82,723	24,256,835
2021 - Sept	28,448,421	63,962	28,384,458	6,123,040	25,601	6,097,438	22,325,381	38,361	22,287,019
Oct	28,928,663	63,178	28,865,484	6,247,399	25,536	6,221,863	22,681,264	37,642	22,643,622
Nov	28,928,235	64,889	28,863,345	6,237,725	25,513	6,212,212	22,690,510	39,376	22,651,133
Dec	29,637,003	64,095	29,572,907	6,448,886	25,451	6,423,435	23,188,117	38,644	23,149,472
2022 - Jan	30,032,163	66,604	29,965,559	6,500,497	25,394	6,475,103	23,531,666	41,210	23,490,456
Feb	30,309,927	68,990	30,240,936	6,489,253	25,413	6,463,840	23,820,674	43,577	23,777,096
Mar	30,420,358	71,497	30,348,860	6,497,680	25,568	6,472,112	23,922,678	45,929	23,876,748
Apr	30,393,512	78,484	30,315,026	6,504,558	25,625	6,478,933	23,888,954	52,859	23,836,094
May	30,519,177	84,307	30,434,868	6,574,537	25,942	6,548,595	23,944,640	58,365	23,886,273
June	30,588,304	89,745	30,498,557	6,635,101	26,080	6,609,021	23,953,203	63,665	23,889,536
July	30,614,928	94,080	30,520,847	6,621,007	26,403	6,594,604	23,993,921	67,677	23,926,243
Aug	30,955,816	102,213	30,853,602	6,646,856	27,778	6,619,078	24,308,960	74,435	24,234,524
Sept	30,948,265	110,711	30,837,552	6,608,706	27,988	6,580,718	24,339,559	82,723	24,256,835

TABLE FD-2—Debt Held by the Public

[In millions of dollars. Source: "Monthly Statement of the Public Debt of the United States"]

				Market	table			
End of fiscal year or month	Total public debt securities outstanding (1)	Total (2)	Bills (3)	Notes (4)	Bonds (5)	Treasury inflation- protected securities (6)	Floating rate notes (7)	- <u>marketable</u> Total (8)
2018	15,761,155	15,250,078	2,239,473	9,150,301	2,114,982	1,376,180	369,142	511,077
2019	, ,	16,322,637	2.376.370	9.755.985	2,311,517	1,454,698	424.067	486.455
2020		20,352,950	5,028,127	10,655,969	2,668,116	1,522,418	478,320	666,002
2021	22,282,900	21,855,465	3,712,952	12,570,463	3,340,760	1,651,998	579,292	427,435
2022	24,299,193	23,673,574	3,643,675	13,696,488	3,867,672	1,839,843	625,897	625,618
2021 - Sept	22,282,900	21,855,465	3,712,952	12,570,463	3,340,760	1,651,998	579,292	427,435
Oct	22,637,090	22,107,637	3,850,718	12,637,484	3,365,745	1,674,398	579,291	529,453
Nov	22,645,912	22,327,321	3,784,677	12,845,781	3,426,188	1,694,646	576,028	318,591
Dec	23,143,747	22,565,547	3,767,964	12,992,160	3,474,153	1,727,968	603,302	578,200
2022 - Jan	23,487,181	22,893,924	3,958,703	13,133,211	3,522,479	1,704,403	575,127	593,257
Feb	23,776,560	23,171,257	4,053,011	13,219,366	3,581,504	1,720,272	597,104	605,303
Mar	23,879,768	23,262,473	3,927,254	13,340,846	3,623,928	1,751,329	619,117	617,294
Apr	23,847,245	23,232,158	3,826,070	13,401,967	3,650,002	1,735,021	619,099	615,087
May	23,904,391	23,284,838	3,671,228	13,508,582	3,725,317	1,775,179	604,532	619,554
June	23,912,160	23,290,866	3,522,601	13,575,955	3,760,442	1,805,356	626,512	621,293
July	23,952,579	23,334,112	3,513,559	13,623,823	3,781,548	1,788,645	626,538	618,467
Aug	24,267,551	23,654,171	3,723,766	13,664,818	3,837,715	1,823,972	603,900	613,380
Sept	24,299,193	23,673,574	3,643,675	13,696,488	3,867,672	1,839,843	625,897	625,618

		Depositary		Nonmarketable, continue	State and local		
	U.S. savings	compensation	Foreign	Government	government	Domestic	
End of fiscal	securities	securities	series	account series	series	series	Other
year or month	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2018	156,809	-	264	250,680	71,753	29,995	1,575
2019	152,355	-	264	248,052	53,809	29,995	1,981
2020	148,677	-	264	291,831	106,607	116,100	2,523
2021	143,662	-	264	120,537	127,047	32,781	3,144
2022	166,292	-	264	320,634	109,236	25,894	3,298
2021 - Sept	143,662	-	264	120,537	127,047	32,781	3,144
Oct	143,515	-	264	229,416	120,298	32,782	3,178
Nov	144,171	-	264	28,462	113,852	28,592	3,250
Dec	146,201	-	264	290,177	109,703	28,592	3,263
2022 - Jan	148,839	-	264	304,046	108,070	28,594	3,445
Feb	149,349	-	264	311,196	112,489	28,597	3,407
Mar	149,758	-	264	317,126	118,250	28,602	3,294
Apr	153,141	-	264	310,816	119,066	28,610	3,189
May	157,698	-	264	318,348	114,308	25,802	3,133
June	160,440	-	264	323,349	108,208	25,816	3,216
July	162,522	-	264	322,715	103,866	25,836	3,264
Aug	164,355	-	264	320,612	99,065	25,864	3,220
Sept	166,292	-	264	320,634	109,236	25,894	3,298

[In millions of dollars. Source: "Monthly Statement of the Public Debt of the United States"]

End of fiscal year or month	Total (1)	Airport and Airway Trust Fund (2)	Deposit Insurance Fund (3)	Employees Life Insurance Fund (4)	Exchange Stabili- zation Fund (5)	Federal Disability Insurance Trust Fund (6)	Federal employees retirement funds (7)	Federal Hospital Insurance Trust Fund (8)	Federal Housing Administration (9)
2018	5,977,617	14,212	94,431	46,616	22,311	93,401	931,838	202,805	26,975
2019	6,133,658	15,018	104,015	48,199	22,622	96,520	950,211	198,625	50,601
2020	6,174,279	7,900	108,949	49,129	11,170	97,209	974,802	133,735	67,937
2021	6,243,318	15,902	115,527	50,151	22,837	98,032	940,140	136,168	94,132
2022	6,929,803	10,818	125,471	50,990	18,401	114,679	1,027,513	177,397	119,950
2021 - Sept	6,243,318	15,902	115,527	50,151	22,837	98,032	940,140	136,168	94,132
Oct	6,476,647	12,878	113,982	50,184	22,838	97,231	925,520	136,252	94,346
Nov	6,266,251	13,966	116,043	50,194	22,563	97,125	925,469	137,026	92,393
Dec	6,739,100	13,284	116,180	50,163	22,004	99,438	1,002,182	142,338	63,361
2022 - Jan	6,804,276	13,349	117,456	50,190	21,238	102,211	997,812	152,559	94,805
Feb	6,800,284	11,860	117,818	50,616	21,233	102,101	993,710	147,703	95,442
Mar	6,814,679	10,226	119,708	50,555	20,490	103,141	989,581	144,682	95,970
Apr	6,815,264	9,720	118,337	50,571	20,057	107,372	986,085	156,419	96,309
	6,891,257	8,500	120,162	50,604	20,046	107,728	982,954	170,325	95,830
June	6,959,055	7,644	122,284	50,598	18,992	112,415	991,615	186,786	97,084
July	6,944,610	7,701	120,152	50,606	18,569	112,456	987,201	181,994	97,104
Aug	6,968,348	10,731	123,177	50,921	18,542	113,072	983,129	181,580	119,245
Sept	6,929,803	10,818	125,471	50,990	18,401	114,679	1,027,513	177,397	119,950

End of fiscal year or month	Federal Old-Age and Survivors Insurance Trust Fund (10)	Federal Savings and Loan Corporation, Resolution Fund (11)	Federal Supplementary Medical Insurance Trust Fund (12)	Highway Trust Fund (13)	National Service Life Insurance Fund (14)	Postal Service Fund (15)	Railroad Retirement Account (16)	Unemploy- ment Trust Fund (17)	Other (18)
2018	2.801.254	852	98.197	41,212	3,015	10,493	612	72,576	1,516,817
2019	_,	872	104,716	28,192	2,456	9,341	698	84,361	1,612,815
2020	, ,	881	87,477	12,081	1,946	14,991	307	50,515	1,744,037
2021	2,755,785	882	170,677	12,043	1,476	24,655	862	53,135	1,750,914
2022	2,723,601	888	167,964	127,547	1,096	20,924	772	73,587	2,168,205
2021 - Sept	2,755,785	882	170,677	12,043	1,476	24,655	862	53,135	1,750,914
Oct		882	171,181	14,076	1,447	22,559	701	52,264	2,013,916
Nov		882	167,147	14,392	1,412	23,362	459	61,984	1,812,136
Dec	2,752,688	882	181,774	132,390	1,392	23,373	506	60,415	2,076,730
2022 - Jan	2,761,169	882	175,950	132,990	1,355	24,296	688	59,196	2,098,130
Feb	2,742,311	882	181,994	134,401	1,320	24,202	700	61,053	2,112,938
Mar	2,730,161	882	190,778	134,751	1,278	24,845	716	62,600	2,134,315
Apr	2,746,607	882	164,259	135,956	1,241	22,809	691	56,976	2,140,973
May	2,730,507	883	200,131	135,329	1,213	22,507	593	76,429	2,167,516
June	2,758,523	884	200,275	135,575	1,192	22,519	613	76,046	2,176,010
July	2,749,091	885	193,687	134,624	1,157	22,402	630	76,745	2,189,606
Aug	2,733,124	887	198,632	131,074	1,128	22,747	551	75,519	2,204,289
Sept	2,723,601	888	167,964	127,547	1,096	20,924	772	73,587	2,168,205

Note-Detail may not add to totals due to rounding.

TABLE FD-4—Interest-Bearing Securities Issued by Government Agencies

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

End of fiscal year or month	Total outstanding (1)	Department of Housing and Urban <u>Development</u> Federal Housing Administration (2)	Architect of the Capitol (3)	Other <u>independent</u> Tennessee Valley Authority (4)	National Archives and Records Administration (5)	Other/Federal Communications Commission (6)
2018	22,822	19	80	22,696	27	
2019	21,455	19	69	21,367	*	
2020	20,151	19	58	20,075	*	
2021	19,502	19	45	19,438	*	
2022	19,353	19	31	19,303	*	
2021 - Sept	19,502	19	45	19,438	*	
Oct	19,898	19	45	19,834	*	
Nov	20,248	19	46	20,184	*	
Dec	19,788	19	46	19,724	*	
2022 - Jan	19,777	19	46	19,713	*	
Feb	19,574	19	38	19,518	*	
Mar	19,398	19	38	19,342	*	
April	19,357	19	39	19,300	*	
May	19,558	19	39	19,501	*	
June	19,722	19	39	19,664	*	
July	19,819	19	39	19,761	*	
Aug	19,741	19	31	19,692	*	
Sept	19,353	19	31	19,303	*	

Note—Detail may not add to totals due to rounding.

* Less than \$500,000.

TABLE FD-5—Maturity Distribution and Average Length of Marketable Interest-Bearing Public Debt Held by Private Investors

	Amount			Maturity classes			
End of fiscal year or month	outstanding privately held (1)	Within 1 year (2)	1-5 years (3)	5-10 years (4)	10-20 years (5)	20 years or more (6)	Average length (months) (7)
2018	12,880,947	3,794,461	5,181,488	2,444,652	121,319	1,339,027	65
2019	14,225,142	4,147,209	5,821,560	2,625,077	104,901	1,526,394	65
020	15,922,190	6,374,061	5,567,746	2,332,037	242,437	1,405,908	56
021	16,439,495	5,237,754	6,270,122	2,855,223	537,059	1,539,338	66
2022	18,054,269	5,493,907	6,774,603	3,274,691	796,145	1,714,922	68
021 - Sept	16,439,495	5,237,754	6,270,122	2,855,223	537,059	1,539,338	66
Oct	16,455,433	5,390,259	6,120,690	2,858,166	531,506	1,554,811	65
Nov	16,757,903	5,309,420	6,356,333	2,945,703	586,315	1,560,131	66
Dec	16,931,552	5,305,095	6,445,636	3,004,209	600,532	1,576,081	66
2022 - Jan	17,194,470	5,540,423	6,409,263	3,034,048	617,719	1,593,017	66
Feb	17,441,660	5,656,274	6,475,818	3,052,591	667,274	1,589,703	66
Mar	17,519,927	5,559,737	6,541,403	3,126,753	683,615	1,608,419	66
Apr	17,332,521	5,487,037	6,399,519	3,138,408	677,868	1,629,689	67
May	17,530,546	5,360,375	6,611,565	3,193,692	724,547	1,640,367	68
June	17,563,428	5,240,978	6,691,404	3,232,049	738,774	1,660,224	68
July	17,456,151	5,276,927	6,551,243	3,208,065	739,186	1,680,731	69
Aug	17,975,257	5,530,984	6,724,083	3,239,185	784,133	1,696,872	68
Sept	18,054,269	5,493,907	6,774,603	3,274,691	796,145	1,714,922	68

[In millions of dollars. Source: Office of Debt Management, Office of the Under Secretary for Domestic Finance]

Note—Detail may not add to totals due to rounding.

TABLE FD-6—Debt Subject to Statutory Limit

[In millions of dollars. Source: "Monthly Statement of the Public Debt of the United States"]

	Statutory debt		Debt subject to limit		Securities	outstanding	Securities not subject
End of fiscal year or month	limit (1)	Total (2)	Public debt (3)	Other debt (4)	Public debt (5)	Other debt (6)	to limit (7)
2018	-	21,474,848	21,474,848	-	21,516,058	-	41,209
2019	-	22,686,617	22,686,617	-	22,719,402	-	32,785
2020	-	26,920,380	26,920,380	-	26,945,391	-	25,011
2021 ¹	28,401,463	28,401,438	28,401,438	-	28,428,919	-	27,481
2022 ³	31,381,463	30,869,259	30,869,259	-	30,928,912	-	59,653
2021 – Sept ¹	28,401,463	28,401,438	28,401,438	-	28,428,919	-	27,481
Oct ²	28,881,463	28,881,438	28,881,438	-	28,908,765	-	27,328
Nov ²	28,881,463	28,881,438	28,881,438	-	28,907,987	-	26,549
Dec ³	31,381,463	29,590,001	29,590,001	-	29,617,215	-	27,214
2022 – Jan ³	31,381,463	29,982,990	29,982,990	-	30,012,386	-	29,396
Feb ³	31,381,463	30,258,450	30,258,450	-	30,290,353	-	31,902
Mar ³	31,381,463	30,365,315	30,365,315	-	30,400,960		35,645
Apr ³	31,381,463	30,333,895	30,333,895	-	30,374,155		40,260
May ³	31,381,463	30,458,012	30,458,012	-	30,499,619		41,606
June ³	31,381,463	30,523,251	30,523,251	-	30,568,582	-	45,331
July ³	31,381,463	30,548,963	30,548,963	-	30,595,109	-	46,146
Aug ³	31,381,463	30,883,745	30,883,745	-	30,936,075	-	52,331
Sept ³	31,381,463	30,869,259	30,869,259	-	30,928,912	-	59,653

(1) Pursuant to 31 U.S.C. 3101(b). By the Bipartisan Budget Act of 2019, Public Law 116-37, the Statutory Debt Limit has been suspended through July 31, 2021. The Statutory Debt Limit in 31 U.S.C. 3101(b) was permanently increased effective August 1, 2021 to \$28,401,462,788,891.71.

(3) Pursuant to 31 U.S.C. 3101(b), Public law 117-73, the Statutory Debt Limit was permanently increased effective December 16, 2021, to \$31,381,462,788,891.71.

(2) Pursuant to 31 U.S.C. 3101(b), Public law 117-50, the Statutory Debt Limit was permanently increased effective October 14, 2021, to \$28,881,462,788,891.71.

TABLE FD-7—Treasury Holdings of Securities Issued by Government Corporations and Other Agencies

[In millions of dollars. Source: "Monthly Treasury Statement of Receipts and Outlays of the United States Government"]

	_			Department of Agricult	ure	
End of fiscal year or month	Total (1)	Farm-Service Agency (2)	Rural Utilities Service (3)	Rural Housing and Community Development Service (4)	Rural Business and Cooperative Development Service (5)	Foreign Agricultura Service (6)
2018	1,512,469	23,005	19,325	26,797	583	453
2019	1,570,919	39,017	21,473	29,605	660	432
2020	1,813,390	43,575	21,396	30,483	637	363
2021	1,809,674	31,592	21,196	30,286	658	317
2022	1,623,412	32,772	21,918	31,785	601	266
2021 - Sept	1,809,674	31,592	21,196	30,286	658	317
Oct	1,869,279	39,986	21,364	30,439	660	317
Nov	1,887,822	42,593	21,494	30,550	663	317
Dec	1,911,421	30,333	21,629	31,039	665	317
2022 - Jan	1,919,559	31,128	21,752	31,126	666	317
Feb	1,937,167	32,196	21,842	31,260	667	317
Mar	1,954,853	31,290	20,775	29,420	558	317
Apr	1,977,620	29,895	20,856	29,522	560	317
May	1,989,056	30,696	20,944	29,615	564	317
June	1,996,058	30,743	21,069	29,867	568	317
July	2,030,569	31,593	21,069	29,867	557	317
Aug	2,030,332	32,332	21,893	30,416	601	266
Sept	1,623,412	32,772	21,918	31,785	601	266

		Department of Energy	Department and Urban D		Department of the Treasury
End of fiscal year or month	Department of Education (7)	Bonneville Power Administration (8)	Federal Housing Administration (9)	Other Housing programs (10)	Federal Financing Bank (11)
2018	1,258,499	5,531	24,709	134	61,584
2019	1,287,510	5,280	30,386	24	63,751
2020	1,249,871	5,649	44,722	30	71,373
2021	1,221,381	5,629	66,271	10	70,500
2022	905,071	5,679	93,564	13	73,447
2021 - Sept	1,221,381	5,629	66,271	10	70,500
Oct	1,258,486	5,621	66,271	10	70,668
Nov	1,258,479	5,621	66,271	10	71,302
Dec	1,277,348	5,615	66,271	10	71,819
2022 - Jan	1,277,366	5,595	66,271	11	71,938
Feb	1,277,201	5,927	66,271	11	72,459
Mar	1,287,754	5,922	66,271	11	72,718
Apr	1,298,251	5,887	66,271	11	72,075
May	1,298,279	5,862	66,271	13	72,470
June	1,272,314	5,861	98,149	13	72,846
July	1,298,623	5,758	98,149	13	73,031
Aug	1,298,959	5,771	98,149	13	73,475
Sept	905,071	5,679	93,564	13	73,447

TABLE FD-7—Treasury Holdings of Securities Issued by Government Corporations and Other Agencies, continued

][• • · ·	d Outlays of the United States Government	¹
End of fiscal year or month	Export-Import Bank of the United States (12)	Railroad Retirement Board (13)	Small Business Administration (14)	Other (15)
2018	20,213	3,725	11,212	56,699
2019	16,946	3,934	11,810	60,091
2020	15,388	4,384	176,174	149,345
2021	14,531	4,567	262,655	80,081
2022	13,501	4,417	362,802	77,576
2021 - Sept	14,531	4,567	262,655	80,081
Oct	14,532	4,994	275,269	80,662
Nov	14,532	5,326	294,269	76,395
Dec	14,590	5,757	309,269	76,759
2022 - Jan	14,596	6,187	315,532	77,074
Feb	14,596	6,515	330,532	77,373
Mar	14,596	6,927	340,533	77,761
Apr	14,596	7,338	354,042	77,999
May	14,596	7,701	363,345	78,383
June	14,596	3,157	367,138	79,420
July	14,596	3,605	369,138	84,253
Aug	13,312	3,968	369,138	82,039
Sept	13,501	4,417	362,802	77,576

Note—Detail may not add to totals due to rounding.

INTRODUCTION: Bureau of the Fiscal Service Operations

Chapter 31 of Title 31 of the United States Code allows the Secretary of Treasury to borrow money by issuing Treasury securities. The Secretary determines the terms and conditions of issue, conversion, maturity, payment, and interest rate. New issues of Treasury notes mature in 2 to 10 years. Bonds mature in more than 10 years from the issue date. Each outstanding marketable security is listed in the "Monthly Statement of the Public Debt of the United States." The information in this section of the "Treasury Bulletin" pertains only to marketable Treasury securities.

The Bureau of the Fiscal Service is a new bureau within the Treasury Department, formed on October 7, 2012, from the consolidation of the Financial Management Service and the Bureau of the Public Debt. Our mission is to promote the financial integrity and operational efficiency of the U.S. government through exceptional accounting, financing, collections, payments, and shared services. As one bureau, the organization is better positioned to help transform financial management and the delivery of shared services in the federal government. The bureau will be a valued partner for agencies as they work to strengthen their own financial management or as they look for a quality service provider who can allow them to focus on their missions. Table **PDO-1** presents the results of weekly auctions of 4-, 13-, and 26-week bills. Treasury bills mature each Thursday. Issues of 4- and 13-week bills are *reopenings* of 26-week bills. High rates on accepted tenders and the dollar value of total bids are presented, with the dollar value of awards made on both competitive and noncompetitive basis.

To encourage the participation of individuals and smaller institutions, Treasury accepts noncompetitive tenders of up to \$5 million in each auction of securities.

Table **PDO-2** lists the results of auctions of marketable securities, other than weekly bills, in chronological order over the past 2 years. Issues of *cash management* bills also are presented.

Note: On July 31, 2013, Treasury published amendments to its marketable securities auction rules to accommodate the auction and issuance of Floating Rate Notes (FRNs). An FRN is a security that has an interest payment that can change over time. Treasury FRNs will be indexed to the most recent 13-week Treasury bill auction High Rate, which is the highest accepted discount rate in a Treasury bill auction. FRNs will pay interest quarterly.

TREASURY FINANCING: JULY-SEPTEMBER

[Source: Bureau of the Fiscal Service, Division of Financing Operations]

JULY

Auction of 119-Day Cash Management Bills

On June 28, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued July 5 and will mature November 1. The issue was to raise new cash of approximately \$95,000 million. Treasury auctioned the bills on June 29. Tenders totaled \$111,470 million; Treasury accepted \$30,000 million, including \$6 million of noncompetitive tenders from the public. The high bank discount rate was 2.185 percent.

Auction of 119-Day Cash Management Bills

On July 5, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued July 12 and will mature November 8. The issue was to raise new cash of approximately \$95,000 million. Treasury auctioned the bills on July 6. Tenders totaled \$101,852 million; Treasury accepted \$30,000 million, including \$9 million of noncompetitive tenders from the public. The high bank discount rate was 2.230 percent.

Auction of 52-Week Bills

On July 7, 2022, Treasury announced it would auction \$34,000 million of 364-day Treasury bills. They were issued July 14 and will mature July 13, 2023. The issue was to refund \$142,000 million of all maturing bills and to pay down approximately \$15,000 million. Treasury auctioned the bills on July 12.

Tenders totaled \$107,697 million; Treasury accepted \$34,000 million, including \$1,024 million of noncompetitive tenders from the public. The high bank discount rate was 2.960 percent.

In addition to the \$34,000 million of tenders accepted in the auction process, Treasury accepted \$4,549 million from Federal Reserve Banks (FRBs) for their own accounts.

Auction of 3-Year Notes

On July 7, 2022, Treasury announced it would auction \$43,000 million of 3-year notes. The issue was to refund \$64,351 million of securities maturing July 15 and to raise new cash of approximately \$30,649 million.

The 3-year notes of Series AQ-2025 were dated and issued July 15. They are due July 15, 2025, with interest payable on January 15 and July 15 until maturity. Treasury set an interest rate of 3 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon Eastern Time (ET) for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 11. Tenders totaled \$104,395 million; Treasury accepted \$43,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.093 percent with an equivalent price of \$99.735500. Treasury accepted in full all competitive tenders at yields lower than 3.093 percent. Tenders at the high yield were allotted 62.48 percent. The median yield was 3.038 percent, and the low yield was 2.900 percent. Noncompetitive tenders totaled \$160 million. Competitive tenders accepted from private investors totaled \$42,740 million.

In addition to the \$43,000 million of tenders accepted in the auction process, Treasury accepted \$5,481 million from FRBs for their own accounts. The minimum par amount required for Separate Trading of Registered Interest and Principal Securities (STRIPS) of notes of Series AQ-2025 is \$100.

Auction of 9-Year 10-Month 2-7/8 Percent Notes

On July 7, 2022, Treasury announced it would auction \$33,000 million of 9-year 10-month 2-7/8 percent notes. The issue was to refund \$64,351 million of securities maturing July 15 and to raise new cash of approximately \$30,649 million.

The 9-year 10-month 2-7/8 percent notes of Series C-2032 were dated May 15 and issued July 15. They are due May 15, 2032, with interest payable on November 15 and May 15 until maturity.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 12. Tenders totaled \$77,358 million; Treasury accepted \$33,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 2.960 percent with an equivalent price of \$99.274623. Treasury accepted in full all competitive tenders at yields lower than 2.960 percent. Tenders at the high yield were allotted 4.70 percent. The median yield was 2.850 percent, and the low yield was 2.810 percent. Noncompetitive tenders totaled \$12 million. Competitive tenders accepted from private investors totaled \$32,988 million. Accrued interest of \$4.76563 per \$1,000 must be paid for the period from May 15 to July 15.

In addition to the \$33,000 million of tenders accepted in the auction process, Treasury accepted \$4,206 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series C-2032 is \$100.

Auction of 29-Year 10-Month 2-7/8 Percent Bonds

TREASURY FINANCING: JULY-SEPTEMBER, continued

On July 7, 2022, Treasury announced it would auction \$19,000 million of 29-year 10-month 2-7/8 percent bonds. The issue was to refund \$64,351 million of securities maturing July 15 and to raise new cash of approximately \$30,649 million.

The 29-year 10-month 2-7/8 percent bonds of May 2052 were dated May 15 and issued July 15. They are due May 15, 2052, with interest payable on November 15 and May 15 until maturity.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 13. Tenders totaled \$46,279 million; Treasury accepted \$19,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.115 percent with an equivalent price of \$95.354138. Treasury accepted in full all competitive tenders at yields lower than 3.115 percent. Tenders at the high yield were allotted 84.69 percent. The median yield was 3.050 percent, and the low yield was 2.990 percent. Noncompetitive tenders totaled \$2 million. Competitive tenders accepted from private investors totaled \$18,998 million. Accrued interest of \$4.76563 per \$1,000 must be paid for the period from May 15 to July 15.

In addition to the \$19,000 million of tenders accepted in the auction process, Treasury accepted \$2,422 million from FRBs for their own accounts. The minimum par amount required for STRIPS of bonds of May 2052 is \$100.

Auction of 1-Year 10-Month -0.075 Percent Floating Rate Notes (FRNs)

On July 14, 2022, Treasury announced it would auction \$25 million of 1-year 10-month -0.075 percent FRNs. The issue was to raise new cash of approximately \$25 million.

The 1-year 10-month -0.075 percent FRNs of Series BB-2024 were dated April 30 and issued July 18. They are due April 30, 2024, with interest payable on July 31, October 31, January 31, and April 30 until maturity.

Treasury received tenders for the FRNs before 1:00 p.m. ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 14. Tenders totaled \$133 million; Treasury accepted \$25 million. All noncompetitive and successful competitive bidders were allotted securities at the high discount margin of -0.010 percent with an equivalent price of \$99.884582. Treasury accepted in full all competitive tenders at discount margins lower than -0.010 percent. Tenders at the high discount margin were allotted 30.00 percent. The median discount margin was -0.020 percent, and the low discount margin was -0.050 percent. Noncompetitive tenders totaled \$ million. Competitive tenders accepted from private investors totaled \$25 million. Accrued interest of \$0.282741453 per \$100 must be paid for the period from April 30 to July 18.

Auction of 119-Day Cash Management Bills

On July 12, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued July 19 and will mature November 15. The issue was to raise new cash of approximately \$115,000 million. Treasury auctioned the bills on July 13. Tenders totaled \$88,528 million; Treasury accepted \$30,000 million, including \$10 million of noncompetitive tenders from the public. The high bank discount rate was 2.600 percent.

Auction of 119-Day Cash Management Bills

On July 19, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued July 26 and will mature November 22. The issue was to raise new cash of approximately \$135,000 million. Treasury auctioned the bills on July 20. Tenders totaled \$116,098 million; Treasury accepted \$30,000 million, including \$14 million of noncompetitive tenders from the public. The high bank discount rate was 2.720 percent.

Auction of 10-Year Treasury Inflation Protected Security (TIPS)

On July 14, 2022, Treasury announced it would auction \$17,000 million of 10-year TIPS. The issue was to raise new cash of approximately \$17,000 million.

The 10-year TIPS of Series D-2032 were dated July 15 and issued July 29. They are due July 15, 2032, with interest payable on January 15 and July 15 until maturity. Treasury set an interest rate of 0-5/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the TIPS before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 21. Tenders totaled \$37,092 million; Treasury accepted \$17,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 0.630 percent with an equivalent adjusted price of \$100.446487. Treasury accepted in full all competitive tenders at yields lower than 0.630 percent. Tenders at the high yield were allotted 77.17 percent. The median yield was 0.500 percent, and the low yield was 0.470 percent. Noncompetitive tenders totaled \$86 million. Competitive tenders accepted from private investors totaled \$16,914 million. Adjusted accrued interest of \$0.23895 per \$1,000 must be paid for the period from July 15 to July 29. Both the unadjusted price of \$99.951726 and the unadjusted accrued interest of \$0.23777 were adjusted by an index ratio of 1.00495, for the period from July 15 to July 29. The minimum par amount required for STRIPS of Stries D-2032 is \$100.

AUGUST

Auction of 19-Year 10-Month 3-1/4 Percent Bonds

On July 14, 2022, Treasury announced it would auction \$14,000 million of 19-year 10-month 3-1/4 percent bonds. The issue was to refund \$159,799 million of securities maturing July 31 and to raise new cash of approximately \$7,201 million.

The 19-year 10-month 3-1/4 percent bonds of May 2042 were dated May 15 and issued August 1. They are due May 15, 2042, with interest payable on November 15 and May 15 until maturity.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 20. Tenders totaled \$37,156 million; Treasury accepted \$14,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.420 percent with an equivalent price of \$97.563393. Treasury accepted in full all competitive tenders at yields lower than 3.420 percent. Tenders at the high yield were allotted 4.47 percent. The median yield was 3.330 percent, and the low yield was 2.880 percent. Noncompetitive tenders totaled \$19 million. Competitive tenders accepted from private investors totaled \$13,981 million. Accrued interest of \$6.88859 per \$1,000 must be paid for the period from May 15 to August 1.

In addition to the \$14,000 million of tenders accepted in the auction process, Treasury accepted \$1,215 million from FRBs for their own accounts. The minimum par amount required for STRIPS of bonds of May 2042 is \$100.

Auction of 2-Year Notes

TREASURY FINANCING: JULY-SEPTEMBER, continued

On July 21, 2022, Treasury announced it would auction \$45,000 million of 2-year notes. The issue was to refund \$159,799 million of securities maturing July 31 and to raise new cash of approximately \$7,201 million.

The 2-year notes of Series BE-2024 were dated July 31 and issued August 1. They are due July 31, 2024, with interest payable on January 31 and July 31 until maturity. Treasury set an interest rate of 3 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 25. Tenders totaled \$116,231 million; Treasury accepted \$45,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.015 percent with an equivalent price of \$99.971015. Treasury accepted in full all competitive tenders at yields lower than 3.015 percent. Tenders at the high yield were allotted 6.49 percent. The median yield was 2.950 percent, and the low yield was 2.850 percent. Noncompetitive tenders totaled \$643 million. Competitive tenders accepted from private investors totaled \$44,254 million. Accrued interest of \$0.08152 per \$1,000 must be paid for the period from July 31 to August 1.

In addition to the \$45,000 million of tenders accepted in the auction process, Treasury accepted \$3,904 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series BE-2024 is \$100.

Auction of 5-Year Notes

On July 21, 2022, Treasury announced it would auction \$46,000 million of 5-year notes. The issue was to refund \$159,799 million of securities maturing July 31 and to raise new cash of approximately \$7,201 million.

The 5-year notes of Series AB-2027 were dated July 31 and issued August 1. They are due July 31, 2027, with interest payable on January 31 and July 31 until maturity. Treasury set an interest rate of 2-3/4 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 26. Tenders totaled \$113,319 million; Treasury accepted \$46,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 2.860 percent with an equivalent price of \$99.491044. Treasury accepted in full all competitive tenders at yields lower than 2.860 percent. Tenders at the high yield were allotted 21.10 percent. The median yield was 2.800 percent, and the low yield was 2.720 percent. Noncompetitive tenders totaled \$64 million. Competitive tenders accepted from private investors totaled \$45,933 million. Accrued interest of \$0.07473 per \$1,000 must be paid for the period from July 31 to August 1.

In addition to the \$46,000 million of tenders accepted in the auction process, Treasury accepted \$3,991 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series AB-2027 is \$100.

Auction of 2-Year FRNs

On July 21, 2022, Treasury announced it would auction \$24,000 million of 2-year FRNs. The issue was to refund \$159,799 million of securities maturing July 31 and to raise new cash of approximately \$7,201 million.

The 2-year FRNs of Series BF-2024 were dated July 31 and issued August 1. They are due July 31, 2024, with interest payable on October 31, January 31, April 30, and July 31 until maturity. Treasury set a spread of 0.037 percent after determining which tenders were accepted on a discount margin basis.

Treasury received tenders for the FRNs before 11:00 a.m. ET for noncompetitive tenders and before 11:30 a.m. ET for competitive tenders on July 27. Tenders totaled \$75,213 million; Treasury accepted \$24,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high discount margin of 0.037 percent with an equivalent price of \$99.999954. Treasury accepted in full all competitive tenders at discount margins lower than 0.037 percent. Tenders at the high discount margin were allotted 18.07 percent. The median discount margin was 0.010 percent, and the low discount margin was -0.020 percent. Noncompetitive tenders totaled \$24 million. Competitive tenders accepted from private investors totaled \$23,976 million. Accrued interest of \$0.007147654 per \$100 must be paid for the period from July 31 to August 1.

In addition to the \$24,000 million of tenders accepted in the auction process, Treasury accepted \$2,082 million from FRBs for their own accounts.

Auction of 7-Year Notes

On July 21, 2022, Treasury announced it would auction \$38,000 million of 7-year notes. The issue was to refund \$159,799 million of securities maturing July 31 and to raise new cash of approximately \$7,201 million.

The 7-year notes of Series N-2029 were dated July 31 and issued August 1. They are due July 31, 2029, with interest payable on January 31 and July 31 until maturity. Treasury set an interest rate of 2-5/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on July 28. Tenders totaled \$98,950 million; Treasury accepted \$38,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 2.730 percent with an equivalent price of \$99.335208. Treasury accepted in full all competitive tenders at yields lower than 2.730 percent. Tenders at the high yield were allotted 53.12 percent. The median yield was 2.650 percent, and the low yield was 2.592 percent. Noncompetitive tenders totaled \$14 million. Competitive tenders accepted from private investors totaled \$37,986 million. Accrued interest of \$0.07133 per \$1,000 must be paid for the period from July 31 to August 1.

In addition to the \$38,000 million of tenders accepted in the auction process, Treasury accepted \$3,297 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series N-2029 is \$100.

Auction of 119-Day Cash Management Bills

On July 26, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued August 2 and will mature November 29. The issue was to raise new cash of approximately \$135,000 million. Treasury auctioned the bills on July 27. Tenders totaled \$110,718 million; Treasury accepted \$30,000 million, including \$8 million of noncompetitive tenders from the public. The high bank discount rate was 2.690 percent.

Auction of 119-Day Cash Management Bills

On August 2, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued August 9 and will mature December 6. The issue was to raise new cash of approximately \$135,000

TREASURY FINANCING: JULY-SEPTEMBER, continued

million. Treasury auctioned the bills on August 3. Tenders totaled \$100,575 million; Treasury accepted \$30,000 million, including \$16 million of noncompetitive tenders from the public. The high bank discount rate was 2.730 percent.

Auction of 52-Week Bills

On August 4, 2022, Treasury announced it would auction \$34,000 million of 364-day Treasury bills. They were issued August 11 and will mature August 10, 2023. The issue was to refund \$130,003 million of all maturing bills and to pay down approximately \$3 million. Treasury auctioned the bills on August 9. Tenders totaled \$103,743 million; Treasury accepted \$34,000 million, including \$1,254 million of noncompetitive tenders from the public. The high bank discount rate was 3.200 percent.

In addition to the \$34,000 million of tenders accepted in the auction process, Treasury accepted \$4,075 million from FRBs for their own accounts.

August Quarterly Financing

On Aug 3, 2022, Treasury announced it would auction \$42,000 million of 3-year notes, \$35,000 million of 10-year notes, and \$21,000 million of 30-year bonds to refund \$54,088 million of securities maturing August 15, 2022, and to raise new cash of approximately \$43,912 million.

The 3-year notes of Series AR-2025 were dated and issued August 15. They are due August 15, 2025, with interest payable on February 15 and August 15 until maturity. Treasury set an interest rate of 3-1/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 9. Tenders totaled \$105,026 million; Treasury accepted \$42,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.202 percent with an equivalent price of \$99.781411. Treasury accepted in full all competitive tenders at yields lower than 3.202 percent. Tenders at the high yield were allotted 25.45 percent. The median yield was 3.140 percent, and the low yield was 3.075 percent. Noncompetitive tenders totaled \$195 million. Competitive tenders accepted from private investors totaled \$41,705 million.

In addition to the \$42,000 million of tenders accepted in the auction process, Treasury accepted \$26,564 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series AR-2025 is \$100.

The 10-year notes of Series E-2032 were dated and issued August 15. They are due August 15, 2032, with interest payable on February 15 and August 15 until maturity. Treasury set an interest rate of 2-3/4 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 10. Tenders totaled \$88,631 million; Treasury accepted \$35,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 2.755 percent with an equivalent price of \$99.956556. Treasury accepted in full all competitive tenders at yields lower than 2.755 percent. Tenders at the high yield were allotted 63.47 percent. The median yield was 2.690 percent, and the low yield was 2.590 percent. Noncompetitive tenders totaled \$28 million. Competitive tenders accepted from private investors totaled \$34,972 million.

In addition to the \$35,000 million of tenders accepted in the auction process, Treasury accepted \$22,137 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series E-2032 is \$100.

The 30-year bonds of August 2052 were dated and issued August 15. They are due August 15, 2052, with interest payable on February 15 and August 15 until maturity. Treasury set an interest rate of 3 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 11. Tenders totaled \$48,512 million; Treasury accepted \$21,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.106 percent with an equivalent price of \$97.941002. Treasury accepted in full all competitive tenders at yields lower than 3.106 percent. Tenders at the high yield were allotted 74.40 percent. The median yield was 3.019 percent, and the low yield was 2.900 percent. Noncompetitive tenders totaled \$8 million. Competitive tenders accepted from private investors totaled \$20,992 million.

In addition to the \$21,000 million of tenders accepted in the auction process, Treasury accepted \$13,282 million from FRBs for their own accounts. The minimum par amount required for STRIPS of bonds of August 2052 is \$100.

Auction of 119-Day Cash Management Bills

On August 9, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued August 16 and will mature December 13. The issue was to raise new cash of approximately \$135,000 million. Treasury auctioned the bills on August 10. Tenders totaled \$84,571 million; Treasury accepted \$30,000 million, including \$10 million of noncompetitive tenders from the public. The high bank discount rate was 2.780 percent.

Auction of 119-Day Cash Management Bills

On August 16, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued August 23 and will mature December 20. The issue was to raise new cash of approximately \$135,000 million. Treasury auctioned the bills on August 17. Tenders totaled \$91,915 million; Treasury accepted \$30,000 million, including \$21 million of noncompetitive tenders from the public. The high bank discount rate was 2.890 percent.

Auction of 21-Day Cash Management Bills

On August 18, 2022, Treasury announced it would auction \$60,000 million of 21-day bills. They were issued August 25 and matured September 15. The issue was to raise new cash of approximately \$156,000 million. Treasury auctioned the bills on August 23. Tenders totaled \$146,821 million; Treasury accepted \$60,001 million, including \$52 million of noncompetitive tenders from the public. The high bank discount rate was 2.200 percent.

Auction of 1-Year 11-Month 0.037 Percent FRNs

On August 18, 2022, Treasury announced it would auction \$22,000 million of 1-year 11-month 0.037 percent FRNs. The issue was to raise new cash of approximately \$22,000 million.

The 1-year 11-month 0.037 percent FRNs of Series BF-2024 were dated July 31 and issued August 26. They are due July 31, 2024, with interest payable on October 31, January 31, April 30, and July 31 until maturity.

TREASURY FINANCING: JULY-SEPTEMBER, continued

Treasury received tenders for the FRNs before 11:00 a.m. ET for noncompetitive tenders and before 11:30 a.m. ET for competitive tenders on August 24. Tenders totaled \$56,599 million; Treasury accepted \$22,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high discount margin of 0.090 percent with an equivalent price of \$99.898407. Treasury accepted in full all competitive tenders at discount margins lower than 0.090 percent. Tenders at the high discount margin were allotted 32.98 percent. The median discount margin was 0.047 percent, and the low discount margin was 0.000 percent. Noncompetitive tenders totaled \$40 million. Competitive tenders accepted from private investors totaled \$21,960 million. Accrued interest of \$0.190062689 per \$100 must be paid for the period from July 31 to August 26.

Auction of 119-Day Cash Management Bills

On August 23, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued August 30 and will mature December 27. The issue was to raise new cash of approximately \$135,000 million. Treasury auctioned the bills on August 24. Tenders totaled \$102,064 million; Treasury accepted \$30,001 million, including \$13 million of noncompetitive tenders from the public. The high bank discount rate was 2.970 percent.

Auction of 20-Year Bonds

On August 11, 2022, Treasury announced it would auction \$15,000 million of 20-year bonds. The issue was to refund \$91,860 million of securities maturing August 31 and to raise new cash of approximately \$57,140 million.

The 20-year bonds of August 2042 were dated August 15 and issued August 31. They are due August 15, 2042, with interest payable on February 15 and August 15 until maturity. Treasury set an interest rate of 3-3/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 17. Tenders totaled \$34,573 million; Treasury accepted \$15,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.380 percent with an equivalent price of \$99.925621. Treasury accepted in full all competitive tenders at yields lower than 3.380 percent. Tenders at the high yield were allotted 73.88 percent. The median yield was 3.280 percent, and the low yield was 3.220 percent. Noncompetitive tenders totaled \$24 million. Competitive tenders accepted from private investors totaled \$14,976 million. Accrued interest of \$1.46739 per \$1,000 must be paid for the period from August 15 to August 31.

In addition to the \$15,000 million of tenders accepted in the auction process, Treasury accepted \$1,953 million from FRBs for their own accounts. The minimum par amount required for STRIPS of bonds of August 2042 is \$100.

Auction of 29-Year 6-Month 0-1/8 Percent TIPS

On August 11, 2022, Treasury announced it would auction \$8,000 million of 29-year 6-month 0-1/8 percent TIPS. The issue was to refund \$91,860 million of securities maturing August 31 and to raise new cash of approximately \$57,140 million.

The 29-year 6-month 0-1/8 percent TIPS of February 2052 were dated August 15 and issued August 31. They are due February 15, 2052, with interest payable on February 15 and August 15 until maturity.

Treasury received tenders for the TIPS before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 18. Tenders totaled \$21,527 million; Treasury accepted \$8,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 0.920 percent with an equivalent adjusted price of \$84.615251. Treasury accepted in full all competitive tenders at yields lower than 0.920 percent. Tenders at the high yield were allotted 86.25 percent. The median yield was 0.860 percent, and the low yield was 0.820 percent. Noncompetitive tenders totaled \$7 million. Competitive tenders accepted from private investors totaled \$7,993 million. Adjusted accrued interest of \$0.05783 per \$1,000 must be paid for the period from August 15 to August 31. Both the unadjusted price of \$79.527854 and the unadjusted accrued interest of \$0.05435 were adjusted by an index ratio of 1.06397, for the period from August 15 to August 31.

In addition to the \$8,000 million of tenders accepted in the auction process, Treasury accepted \$1,042 million from FRBs for their own accounts. The minimum par amount required for STRIPS of TIPS of February 2052 is \$100.

Auction of 2-Year Notes

On August 18, 2022, Treasury announced it would auction \$44,000 million of 2-year notes. The issue was to refund \$91,860 million of securities maturing August 31 and to raise new cash of approximately \$57,140 million.

The 2-year notes of Series BG-2024 were dated and issued August 31. They are due August 31, 2024, with interest payable on February 28 and August 31 until maturity. Treasury set an interest rate of 3-1/4 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 23. Tenders totaled \$109,460 million; Treasury accepted \$44,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.307 percent with an equivalent price of \$99.890561. Treasury accepted in full all competitive tenders at yields lower than 3.307 percent. Tenders at the high yield were allotted 17.58 percent. The median yield was 3.250 percent, and the low yield was 3.150 percent. Noncompetitive tenders totaled \$755 million. Competitive tenders accepted from private investors totaled \$43,040 million.

In addition to the \$44,000 million of tenders accepted in the auction process, Treasury accepted \$5,728 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series BG-2024 is \$100.

Auction of 5-Year Notes

On August 18, 2022, Treasury announced it would auction \$45,000 million of 5-year notes. The issue was to refund \$91,860 million of securities maturing August 31 and to raise new cash of approximately \$57,140 million.

The 5-year notes of Series AC-2027 were dated and issued August 31. They are due August 31, 2027, with interest payable on February 28 and August 31 until maturity. Treasury set an interest rate of 3-1/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 24. Tenders totaled \$103,378 million; Treasury accepted \$45,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.230 percent with an equivalent price of \$99.518772. Treasury accepted in full all

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competitive tenders at yields lower than 3.230 percent. Tenders at the high yield were allotted 74.56 percent. The median yield was 3.150 percent, and the low yield was 3.050 percent. Noncompetitive tenders totaled \$98 million. Competitive tenders accepted from private investors totaled \$44,899 million.

In addition to the \$45,000 million of tenders accepted in the auction process, Treasury accepted \$5,859 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series AC-2027 is \$100.

Auction of 7-Year Notes

On August 18, 2022, Treasury announced it would auction \$37,000 million of 7-year notes. The issue was to refund \$91,860 million of securities maturing August 31 and to raise new cash of approximately \$57,140 million.

The 7-year notes of Series P-2029 were dated and issued August 31. They are due August 31, 2029, with interest payable on February 28 and August 31 until maturity. Treasury set an interest rate of 3-1/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on August 25. Tenders totaled \$98,224 million; Treasury accepted \$37,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.130 percent with an equivalent price of \$99.968787. Treasury accepted in full all competitive tenders at yields lower than 3.130 percent. Tenders at the high yield were allotted 73.37 percent. The median yield was 3.090 percent, and the low yield was 3.050 percent. Noncompetitive tenders totaled \$20 million. Competitive tenders accepted from private investors totaled \$36,980 million.

In addition to the \$37,000 million of tenders accepted in the auction process, Treasury accepted \$4,817 million from FRBs for their own accounts. The minimum par amount required for STRIPS of notes of Series P-2029 is \$100.

SEPTEMBER

Auction of 119-Day Cash Management Bills

On August 30, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued September 6 and will mature January 3, 2023. The issue was to raise new cash of approximately \$125,000 million. Treasury auctioned the bills on August 31. Tenders totaled \$106,201 million; Treasury accepted \$30,000 million, including \$26 million of noncompetitive tenders from the public. The high bank discount rate was 3.100 percent.

Auction of 52-Week Bills

On September 1, 2022, Treasury announced it would auction \$34,000 million of 364-day Treasury bills. They were issued September 8 and will mature September 7, 2023. The issue was to refund \$130,001 million of all maturing bills and to pay down approximately \$1 million. Treasury auctioned the bills on September 6. Tenders totaled \$93,372 million; Treasury accepted \$34,000 million, including \$1,014 million of noncompetitive tenders from the public. The high bank discount rate was 3.460 percent.

In addition to the \$34,000 million of tenders accepted in the auction process, Treasury accepted \$2,762 million from FRBs for their own accounts.

Auction of 119-Day Cash Management Bills

On September 6, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued September 13 and will mature January 10, 2023. The issue was to raise new cash of approximately \$125,000 million. Treasury auctioned the bills on September 7. Tenders totaled \$108,806 million; Treasury accepted \$30,000 million, including \$26 million of noncompetitive tenders from the public. The high bank discount rate was 3.195 percent.

Auction of 3-Year Notes

On September 8, 2022, Treasury announced it would auction \$41,000 million of 3-year notes. The issue was to refund \$28,214 million of securities maturing September 15 and to raise new cash of approximately \$62,786 million.

The 3-year notes of Series AS-2025 were dated and issued September 15. They are due September 15, 2025, with interest payable on March 15 and September 15 until maturity. Treasury set an interest rate of 3-1/2 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 11:00 a.m. ET for noncompetitive tenders and before 11:30 a.m. ET for competitive tenders on September 12. Tenders totaled \$102,244 million; Treasury accepted \$41,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.564 percent with an equivalent price of \$99.819428. Treasury accepted in full all competitive tenders at yields lower than 3.564 percent. Tenders at the high yield were allotted 82.62 percent. The median yield was 3.500 percent, and the low yield was 3.390 percent. Noncompetitive tenders totaled \$208 million. Competitive tenders accepted from private investors totaled \$40,792 million. The minimum par amount required for STRIPS of notes of Series AS-2025 is \$100.

Auction of 9-Year 11-Month 2-3/4 Percent Notes

On September 8, 2022, Treasury announced it would auction \$32,000 million of 9-year 11-month 2-3/4 percent notes. The issue was to refund \$28,214 million of securities maturing September 15 and to raise new cash of approximately \$62,786 million.

The 9-year 11-month 2-3/4 percent notes of Series E-2032 were dated August 15 and issued September 15. They are due August 15, 2032, with interest payable on February 15 and August 15 until maturity.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 12. Tenders totaled \$75,794 million; Treasury accepted \$32,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.330 percent with an equivalent price of \$95.132618. Treasury accepted in full all competitive tenders at yields lower than 3.330 percent. Tenders at the high yield were allotted 4.32 percent. The median yield was 3.240 percent, and the low yield was 3.170 percent. Noncompetitive tenders totaled \$18 million. Competitive tenders accepted from private investors totaled \$31,982 million. Accrued interest of \$2.31658 per \$1,000 must be paid for the period from August 15 to September 15. The minimum par amount required for STRIPS of notes of Series E-2032 is \$100.

Auction of 29-Year 11-Month 3 Percent Bonds

On September 8, 2022, Treasury announced it would auction \$18,000 million of 29-year 11-month 3 percent bonds. The issue was to refund \$28,214 million of securities maturing September 15 and to raise new cash of approximately \$62,786 million.

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The 29-year 11-month 3 percent bonds of August 2052 were dated August 15 and issued September 15. They are due August 15, 2052, with interest payable on February 15 and August 15 until maturity.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 13. Tenders totaled \$43,535 million; Treasury accepted \$18,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.511 percent with an equivalent price of \$90.579948. Treasury accepted in full all competitive tenders at yields lower than 3.511 percent. Tenders at the high yield were allotted 70.17 percent. The median yield was 3.450 percent, and the low yield was 3.400 percent. Noncompetitive tenders totaled \$3 million. Competitive tenders accepted from private investors totaled \$17,997 million. Accrued interest of \$2.52717 per \$1,000 must be paid for the period from August 15 to September 15. The minimum par amount required for STRIPS of bonds of August 2052 is \$100.

Auction of 119-Day Cash Management Bills

On September 13, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued September 20 and will mature January 17, 2023. The issue was to raise new cash of approximately \$125,000 million. Treasury auctioned the bills on September 14. Tenders totaled \$94,076 million; Treasury accepted \$30,000 million, including \$32 million of noncompetitive tenders from the public. The high bank discount rate was 3.550 percent.

Auction of 119-Day Cash Management Bills

On September 20, 2022, Treasury announced it would auction \$30,000 million of 119-day bills. They were issued September 27 and will mature January 24, 2023. The issue was to raise new cash of approximately \$125,000 million. Treasury auctioned the bills on September 21. Tenders totaled \$112,670 million; Treasury accepted \$30,000 million, including \$25 million of noncompetitive tenders from the public. The high bank discount rate was 3.590 percent.

Auction of 19-Year 11-Month 3-3/8 Percent Bonds

On September 15, 2022, Treasury announced it would auction \$12,000 million of 19-year 11-month 3-3/8 percent bonds. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 19-year 11-month 3-3/8 percent bonds of August 2042 were dated August 15 and issued September 30. They are due August 15, 2042, with interest payable on February 15 and August 15 until maturity.

Treasury received tenders for the bonds before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 20. Tenders totaled \$31,858 million; Treasury accepted \$12,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.820 percent with an equivalent price of \$93.835989. Treasury accepted in full all competitive tenders at yields lower than 3.820 percent. Tenders at the high yield were allotted 65.82 percent. The median yield was 3.750 percent, and the low yield was 3.700 percent. Noncompetitive tenders totaled \$11 million. Competitive tenders accepted from private investors totaled \$11,989 million. Accrued interest of \$4.21875 per \$1,000 must be paid for the period from August 15 to September 30. The minimum par amount required for STRIPS of bonds of August 2042 is \$100.

Auction of 9-Year 10-Month 0-5/8 Percent TIPS

On September 15, 2022, Treasury announced it would auction \$15,000 million of 9-year 10-month 0-5/8 percent TIPS. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 9-year 10-month 0-5/8 percent TIPS of Series D-2032 were dated July 15 and issued September 30. They are due July 15, 2032, with interest payable on January 15 and July 15 until maturity.

Treasury received tenders for the TIPS before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 22. Tenders totaled \$38,092 million; Treasury accepted \$15,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 1.248 percent with an equivalent adjusted price of \$96.133470. Treasury accepted in full all competitive tenders at yields lower than 1.248 percent. Tenders at the high yield were allotted 70.66 percent. The median yield was 1.180 percent, and the low yield was 1.080 percent. Noncompetitive tenders totaled \$49 million. Competitive tenders accepted from private investors totaled \$14,951 million. Adjusted accrued interest of \$1.33353 per \$1,000 must be paid for the period from July 15 to September 30. Both the unadjusted price of \$94.274379 and the unadjusted accrued interest of \$1.30774 were adjusted by an index ratio of 1.01972, for the period from July 15 to September 30. The minimum par amount required for STRIPS of TIPS of Series D-2032 is \$100.

Auction of 2-Year Notes

On September 22, 2022, Treasury announced it would auction \$43,000 million of 2-year notes. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 2-year notes of Series BH-2024 were dated and issued September 30. They are due September 30, 2024, with interest payable on March 31 and September 30 until maturity. Treasury set an interest rate of 4-1/4 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 26. Tenders totaled \$107,909 million; Treasury accepted \$43,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 4.290 percent with an equivalent price of \$99.924113. Treasury accepted in full all competitive tenders at yields lower than 4.290 percent. Tenders at the high yield were allotted 7.03 percent. The median yield was 4.220 percent, and the low yield was 4.100 percent. Noncompetitive tenders totaled \$1,644 million. Competitive tenders accepted from private investors totaled \$41,136 million. The minimum par amount required for STRIPS of notes of Series BH-2024 is \$100.

Auction of 5-Year Notes

On September 22, 2022, Treasury announced it would auction \$44,000 million of 5-year notes. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 5-year notes of Series AD-2027 were dated and issued September 30. They are due September 30, 2027, with interest payable on March 31 and September 30 until maturity. Treasury set an interest rate of 4-1/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 27. Tenders totaled \$99,931 million; Treasury accepted \$44,000 million. All noncompetitive and successful competitive bidders were allotted securities at the

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high yield of 4.228 percent with an equivalent price of \$99.540144. Treasury accepted in full all competitive tenders at yields lower than 4.228 percent. Tenders at the high yield were allotted 79.00 percent. The median yield was 4.130 percent, and the low yield was 4.050 percent. Noncompetitive tenders totaled \$192 million. Competitive tenders accepted from private investors totaled \$43,806 million. The minimum par amount required for STRIPS of notes of Series AD-2027 is \$100.

Auction of 1-Year 10-Month 0.037 Percent FRNs

On September 22, 2022, Treasury announced it would auction \$22,000 million of 1-year 10-month 0.037 percent FRNs. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 1-year 10-month 0.037 percent FRNs of Series BF-2024 were dated July 31 and issued September 30. They are due July 31, 2024, with interest payable on October 31, January 31, April 30, and July 31 until maturity.

Treasury received tenders for the FRNs before 11:00 a.m. ET for noncompetitive tenders and before 11:30 a.m. ET for competitive tenders on September 28. Tenders totaled \$62,575 million; Treasury accepted \$22,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high discount margin of 0.092 percent with an equivalent price of \$99.899772. Treasury accepted in full all competitive tenders at discount margins lower than 0.092 percent. Tenders at the high discount margin were allotted 65.84 percent. The median discount margin was 0.070 percent, and the low discount margin was 0.030 percent. Noncompetitive tenders totaled \$34 million. Competitive tenders accepted from private investors totaled \$21,966 million. Accrued interest of \$0.490428675 per \$100 must be paid for the period from July 31 to September 30.

Auction of 7-Year Notes

On September 22, 2022, Treasury announced it would auction \$36,000 million of 7-year notes. The issue was to refund \$92,487 million of securities maturing September 30 and to raise new cash of approximately \$79,513 million.

The 7-year notes of Series Q-2029 were dated and issued September 30. They are due September 30, 2029, with interest payable on March 31 and September 30 until maturity. Treasury set an interest rate of 3-7/8 percent after determining which tenders were accepted on a yield auction basis.

Treasury received tenders for the notes before 12:00 noon ET for noncompetitive tenders and before 1:00 p.m. ET for competitive tenders on September 28. Tenders totaled \$92,485 million; Treasury accepted \$36,000 million. All noncompetitive and successful competitive bidders were allotted securities at the high yield of 3.898 percent with an equivalent price of \$99.860277. Treasury accepted in full all competitive tenders at yields lower than 3.898 percent. Tenders at the high yield were allotted 55.60 percent. The median yield was 3.850 percent, and the low yield was 3.797 percent. Noncompetitive tenders totaled \$53 million. Competitive tenders accepted from private investors totaled \$35,947 million. The minimum par amount required for STRIPS of notes of Series Q-2029 is \$100.

TABLE PDO-1—Offerings of Regular Weekly Treasury Bills [In millions of dollars. Source: Bureau of the Fiscal Service, Division of Financing Operations]

							On total competitive bids accepted			
	Description	of new issue	e	Amounts of bids accepted			High			
Issue date	Maturity date (1)	Number of days to maturity ¹ (2)	Amount of bids tendered (3)	Total amount ² (4)	On competitive basis (5)	On non- competitive basis ³ (6)	High price per hundred (7)		High invest- ment rate (percent) ⁴ (9)	
Regular weekly: (4 week, 8 week, 13 week, and 26 week)										
2022-July 05	2022-Aug. 02	28	107,435.2	38,483.4	34,058.9	941.3	99.903556	1.240	1.258	
July 07	Aug. 30	56	89,592.8	32,985.9	29,652.5	347.7	99.743333	1.650	1.677	
	Oct. 06	91	121,065.0	52,331.3	43,203.5	812.6	99.532361	1.850	1.885	
July 12	2023-Jan. 05	182	114,598.0	48,842.9	40,335.4	1,070.1	98.736111	2.500	2.567	
	2022-Aug. 09	28	104,216.7	38,603.4	34,028.1	972.0	99.881000	1.530	1.553	
July 14	Sep. 06	56	86,223.7	33,088.6	29,348.7	327.3	99.713778	1.840	1.871	
	Oct. 13	91	133,987.5	57,822.9	49,359.3	832.8	99.466639	2.110	2.151	
	2023-Jan. 12	182	117,610.0	47,618.8	40,420.8	979.2	98.642583	2.685	2.760	
July 19	2022-Aug. 16	28	126,795.0	47,924.4	43,899.5	1,050.5	99.846000	1.980	2.011	
	Sep. 13	56	101,445.2	42,599.5	39,204.3	426.8	99.646889	2.270	2.310	
July 21	Oct. 20	91	168,137.9	61,700.5	52,717.4	983.4	99.375639	2.470	2.520	
	2023-Jan. 19	182	117,395.0	47,988.6	40,783.5	1,059.5	98.528833	2.910	2.994	
July 26	2022-Aug. 23	28	137,404.0	58,467.4	53,556.8	1,158.4	99.835111	2.120	2.153	
	Sep. 20	56	138,841.4	53,152.3	49,233.2	467.0	99.653111	2.230	2.269	
July 28	Oct. 27	91	166,893.7	61,440.6	52,029.2	970.9	99.363000	2.520	2.571	
Aug. 02	2023-Jan. 26	182	138,441.6	47,787.4	39,930.7	1,069.6	98.523778	2.920	3.005	
	2022-Aug. 30	28	149,564.4	58,390.0	53,013.8	1,280.4	99.833556	2.140	2.173	
Aug. 04	Sep. 27	56	142,417.1	53,081.9	48,538.2	462.1	99.656222	2.210	2.248	
	Nov. 03	91	150,495.5	62,447.7	52,437.8	1,303.2	99.370583	2.490	2.541	
Aug. 09	2023-Feb. 02	182	128,732.6	48,570.7	40,196.6	1,509.7	98.559167	2.850	2.932	
	2022-Sep. 06	28	157,437.3	58,506.8	53,578.2	1,422.0	99.835889	2.110	2.143	
-	Oct. 04	56	130,125.7	53,187.9	49,459.0	541.1	99.645333	2.280	2.320	
Aug. 11	Nov. 10	91	159,904.8	60,472.6	52,213.7	1,386.6	99.347833	2.580	2.633	
	2023-Feb. 09	182	134,616.6	47,034.1	39,993.7	1,526.4	98.463111	3.040	3.130	
Aug. 16	2022-Sep. 13	28	137,334.8	57,861.1	53,652.4	1,297.8	99.832778	2.150	2.184	
	Oct. 11	56	120,055.0	52,600.9	49,572.8	427.4	99.622000	2.430	2.473	
Aug. 18	Nov. 17	91	149,942.7	61,489.3	52,395.0	1,209.3	99.340250	2.610	2.664	
	2023-Feb. 16	182	121,386.1	47,824.9	40,167.6	1,532.6	98.473222	3.020	3.109	
Aug. 23	2022-Sep. 20	28	142,529.6	58,411.1	53,671.9	1,328.1	99.832778	2.150	2.184	
Aug. 25	Oct. 18	56	141,665.2	53,101.2	49,327.1	480.1	99.612667	2.490	2.534	
	Nov. 25	92	151,540.0	60,144.9	51,838.3	1,161.9	99.299778	2.740	2.798	
Aug. 30	2023-Feb. 23	182	127,863.7	46,779.3	39,564.5	1,535.6	98.427722	3.110	3.204	
	2022-Sep. 27	28	133,934.8	58,339.5	53,689.0	1,311.1	99.820333	2.310	2.346	
Sep. 01	Oct. 25	56	139,288.9	53,036.0	48,854.9	545.2	99.594000	2.610	2.657	
	Dec. 01	91	170,055.6	60,577.6	52,749.2	1,151.0	99.272000	2.880	2.941	
Sep. 06	2023-Mar. 02	182	126,224.3	47,115.9	40,356.5	1,443.7	98.364528	3.235	3.334	
	2022-Oct. 04	28	135,200.6	52,779.7	48,358.7	1,495.5	99.807889	2.470	2.509	
	Nov. 01	56	138,211.2	47,502.1	44,324.1	576.4	99.575333	2.730	2.780	
Sep. 08	Dec. 08	91	169,442.0	58,386.3	52,463.1	1,336.9	99.250514	2.965	3.029	
	2023-Mar. 09	182	135,361.3	45,411.7	40,183.4	1,453.8	98.321556	3.320	3.424	
Sep. 13	2022-Oct. 11	28	153,594.5	52,302.1	47,973.4	1,534.6	99.805556	2.500	2.540	
	Nov. 08	56	133,997.7	47,071.2	44,303.5	496.6	99.569889	2.765	2.816	
Sep. 15	Dec. 15	91	152,606.7	58,534.0	52,340.7	1,294.5	99.222708	3.075	3.142	
	2023-Mar. 16	182	130,760.6	45,526.3	40,159.0	1,249.0	98.248250	3.465	3.576	

Continued from PDO-1									
Sep. 20	2022-Oct. 18	28	137,776.4	52,766.2	48,402.5	1,497.7	99.792333	2.670	2.713
	Nov. 15	56	121,457.0	47,489.5	44,202.8	505.3	99.545000	2.925	2.979
Sep. 22	Dec. 22	91	140,429.3	55,759.9	52,048.6	1,459.4	99.173417	3.270	3.343
	2023-Mar. 23	182	117,035.1	43,369.2	40,093.5	1,512.8	98.089000	3.780	3.907
Sep. 27	2022-Oct. 25	28	143,654.9	52,706.2	48,097.1	1,540.9	99.793111	2.660	2.703
	Nov. 22	56	119,253.1	47,435.6	43,909.9	648.1	99.534889	2.990	3.046
Sep. 29	Dec. 29	91	145,368.6	60,889.6	51,062.8	1,937.5	99.173417	3.270	3.343
	2023-Mar. 30	182	117,833.5	47,358.5	38,838.7	2,161.5	98.053611	3.850	3.981

¹ All 13-week bills represent additional issues of bills with an original maturity of 26 weeks or 52 weeks. Certain 26-week bills represent additional issues of bills with an original maturity of 52 weeks. All 4-week bills represent additional issues of bills with an original maturity of 8 weeks.

² Includes amount awarded to the Federal Reserve System.

³ Tenders for \$5 million or less from any one bidder are accepted in full at the high price of accepted competitive bids. All Treasury Marketable auctions are conducted in a single-price format as of November 2, 1998.
⁴ Equivalent coupon-issue yield.

TABLE PDO-2—Offerings of Marketable Securities Other than Regular Weekly Treasury Bills

[In millions of dollars. Source: Bureau of the Fiscal Service, Division of Financing Operations]

Auction date	Issue date (1)	Description of securities ¹ (2)		o final matur nonths, days (3)		Amount tendered (4)	Amount accepted ^{3, 4} (5)	Accepted yield/discount margin and equivalent price for notes and bonds (6)
06/29/22	07/05/22	2.185% CMB-11/01/22			119d	111,470	30,000	
07/06/22	07/12/22	2.230% CMB-11/08/22			119d	101,852	30,000	
07/12/22	07/14/22	2.960% bill-07/13/23			364d	112,245	38,549	
07/11/22	07/15/22	3.000% note-07/15/25-AQ	Зу			109,875	48,481	3.093 - 99.735500
07/12/22	07/15/22	2.875% note-05/15/32-C	9у	10m		81,564	37,206	2.960 - 99.274623
07/13/22	07/15/22	2.875% bond—05/15/52	29y	10m		48,701	21,422	3.115 - 95.354138
07/14/22	07/18/22	-0.075% FRN—04/30/24-BB	1у	10m		133	25	-0.010 - 99.884582
07/13/22	07/19/22	2.600% CMB-11/15/22			119d	88,528	30,000	
07/20/22	07/26/22	2.720% CMB-11/22/22			119d	116,098	30,000	
07/21/22	07/29/22	0.625% TIPS-07/15/32-D	10y			37,092	17,000	0.630 - 100.446487
07/20/22	08/01/22	3.250% bond—05/15/42	19y	10m		38,371	15,215	3.420 - 97.563393
07/25/22	08/01/22	3.000% note-07/31/24-BE	2у			120,135	48,904	3.015 - 99.971015
07/26/22	08/01/22	2.750% note-07/31/27-AB	5у			117,310	49,991	2.860 - 99.491044
07/27/22	08/01/22	0.037% FRN-07/31/24-BF	2у			77,295	26,082	0.037 - 99.999954
07/28/22	08/01/22	2.625% note-07/31/29-N	7у			102,247	41,297	2.730 - 99.335208
07/27/22	08/02/22	2.690% CMB-11/29/22			119d	110,718	30,000	
08/03/22	08/09/22	2.730% CMB-12/06/22			119d	100,575	30,000	
08/09/22	08/11/22	3.200% bill—08/10/23			364d	107,819	38,075	
08/09/22	08/15/22	3.125% note-08/15/25-AR	Зу			131,590	68,564	3.202 - 99.781411
08/10/22	08/15/22	2.750% note-08/15/32-E	10y			110,768	57,137	2.755 - 99.956556
08/11/22	08/15/22	3.000% bond—08/15/52	30y			61,794	34,282	3.106 - 97.941002
08/10/22	08/16/22	2.780% CMB-12/13/22			119d	84,571	30,000	
08/17/22	08/23/22	2.890% CMB-12/20/22			119d	91,915	30,000	
08/23/22	08/25/22	2.200% CMB-09/15/22			21d	146,821	60,001	

Continued fro								
08/24/22	08/26/22	0.037% FRN—07/31/24-BF	1у	11m		56,599	22,000	0.090 - 99.898407
08/24/22	08/30/22	2.970% CMB—12/27/22			119d	102,064	30,001	
08/17/22	08/31/22	3.375% bond—08/15/42	20y			36,526	16,953	3.380 - 99.925621
08/18/22	08/31/22	0.125% TIPS-02/15/52	29y	6m		22,568	9,042	0.920 - 84.615251
08/23/22	08/31/22	3.250% note-08/31/24-BG	2у			115,189	49,728	3.307 - 99.890561
08/24/22	08/31/22	3.125% note-08/31/27-AC	5y			109,237	50,859	3.230 - 99.518772
08/25/22	08/31/22	3.125% note-08/31/29-P	7у			103,041	41,817	3.130 - 99.968787
08/31/22	09/06/22	3.100% CMB-01/03/23			119d	106,201	30,000	
09/06/22	09/08/22	3.460% bill—09/07/23			364d	96,133	36,762	
09/07/22	09/13/22	3.195% CMB-01/10/23			119d	108,806	30,000	
09/12/22	09/15/22	3.500% note-09/15/25-AS	Зу			102,244	41,000	3.564 - 99.819428
09/12/22	09/15/22	2.750% note-08/15/32-E	9y	11m		75,794	32,000	3.330 - 95.132618
09/13/22	09/15/22	3.000% bond—08/15/52	29y	11m		43,535	18,000	3.511 - 90.579948
09/14/22	09/20/22	3.550% CMB-01/17/23			119d	94,076	30,000	
09/21/22	09/27/22	3.590% CMB-01/24/23			119d	112,670	30,000	
09/20/22	09/30/22	3.375% bond—08/15/42	19y	11m		31,858	12,000	3.820 - 93.835989
09/22/22	09/30/22	0.625% TIPS-07/15/32-D	9y	10m		38,092	15,000	1.248 - 96.133470
09/26/22	09/30/22	4.250% note—09/30/24-BH	2y			107,909	43,000	4.290 - 99.924113
09/27/22	09/30/22	4.125% note—09/30/27-AD	5y			99,931	44,000	4.228 - 99.540144
09/28/22	09/30/22	0.037% FRN-07/31/24-BF	1y	10m		62,575	22,000	0.092 - 99.899772
09/28/22	09/30/22	3.875% note—09/30/29-Q	7y			92,485	36,000	3.898 - 99.860277

¹ Currently, all issues are sold at auction. For bill issues, the rate shown is the high bank discount rate. For note and bond issues, the rate shown is the interest rate. For details of bill offerings, see table PDO-1. As of October 1, 1997, all Treasury issues of notes and bonds are eligible for STRIPS.
 ² From date of additional issue in case of a reopening.
 ³ In reopenings, the amount accepted is in addition to the amount of original offerings.

⁴ Includes securities issued to the Federal Reserve System; and to foreign and international monetary authorities, whether in exchange for maturing securities or for new cash.

Note—Amounts listed as tendered and accepted are amounts tendered and awarded on auction day.

INTRODUCTION: Ownership of Federal Securities

Federal securities presented in the following tables are public debt securities such as savings bonds, bills, notes, and bonds that the Treasury issues. The tables also detail debt issued by other Federal agencies under special financing authorities. [See the Federal debt (FD) tables for a more complete description of the Federal debt.]

Effective January 1, 2001, Treasury's Bureau of the Fiscal Service revised formats, titles, and column headings in the "Monthly Statement of the Public Debt of the United States," Table I: Summary of Treasury Securities Outstanding and Table II: Statutory Debt Limit. These changes should reduce confusion and bring the publication more in line with the public's use of terms.

Treasury's Bureau of the Fiscal Service compiles data in the "Treasury Bulletin" table OFS-1 from the "Monthly Statement of the Public Debt of the United States." Effective June 2001, Bureau of the Fiscal Service revised procedures and categories in this table to agree with the Bureau of the Fiscal Service's publication changes. • Table **OFS-1** presents Treasury marketable and nonmarketable securities and debt issued by other Federal agencies held by Government accounts, the FRBs, and private investors. Social Security and Federal retirement trust fund investments comprise much of the Government account holdings.

The FRBs acquire Treasury securities in the market as a means of executing monetary policy.

• Table **OFS-2** presents the estimated ownership of U.S. Treasury securities. Information is primarily obtained from the Federal Reserve Board of Governors Flow of Funds data, Table L209. State, local, and foreign holdings include special issues of nonmarketable securities to municipal entities and foreign official accounts. They also include municipal, foreign official, and private holdings of marketable Treasury securities. (See footnotes to the table for description of investor categories.)

TABLE OFS-1—Distribution of Federal Securities by Class of Investors and Type of Issues

[In millions of dollars. Source: Bureau of the Fiscal Service] Total Public debt securities Federal Held by U.S. Government accounts Public issues securities held by Federal End of Total outstanding Reserve banks fiscal year outstanding Total Marketable Nonmarketable or month (1) (6) (2) (3) (4) (5) 21.538.880 21.516.058 5.737.252 5.737.252 2.697.860 2018 _ 22,740,857 22,719,402 5,893,424 5,893,424 2,436,438 2019 26,965,542 26,945,391 5,907,764 5,907,764 4,872,973 2020 28,428,919 2021 28,448,421 6,123,040 _ 6,123,040 5,911,599 2022 30,948,265 30,928,912 6,608,706 6,608,706 6,097,085 _ 2021 - Sept..... 28,448,421 28,428,919 6,123,040 6,123,040 5,911,599 Oct..... 28,928,663 28,908,765 6,247,399 6,247,399 6,009,806 28,907,987 Nov 28,928,235 6,237,725 6,237,725 6,073,334 6,448,886 6,448,886 Dec..... 29,637,003 29,617,215 6,141,499 2022 - Jan 30.032.163 30,012,386 6,500,497 6,500,497 6,212,353 Feb 30,309,927 30,290,353 6,489,253 6,489,253 6,245,309 30,420,358 30,400,960 6,497,680 6,497,680 6,254,966 Mar 30,393,512 30,374,155 6,504,558 6,504,558 6,255,055 Apr.... May..... 30,519,177 30,499,619 6,574,537 6,574,537 6,250,483 30,568,582 6,635,101 June..... 30,588,304 6,635,101 6,216,801 30,614,928 30,595,109 6,621,007 6,621,007 6,207,912 July..... 30,955,816 6,159,852 Aug..... 30,936,075 6,646,856 6,646,856 Sept..... 30,948,265 30,928,912 6,608,706 6,608,706 6,097,085

Public debt securities, continued Agency securities¹ Held by private investors Held by Held by Govern-End of Total private ment Nonmarketable outstanding fiscal year Total Marketable investors accounts or month (8) (9) (10) (11) (12) (7)2018 .. 13,080,946 12,580,185 500,761 22,822 22,822 2019 14,378,700 13,810,667 478,637 21,455 21,455 -2020 16,164,654 15,501,967 662,687 20,151 20,151 _ 2021 16,394,280 15,967,103 427,176 19,502 19,502 2022 18,223,121 17,597,039 626,082 19,353 19,353 16,394,280 15,967,103 427,176 19,502 19,502 2021 - Sept..... 16,651,560 16,122,276 529,284 19,898 19,898 Oct. 16,596,928 16,278,273 318,655 20,248 20,248 Nov..... Dec..... 17,026,830 16,448,593 578,237 19,788 19,788 _ 16,706,545 2022 - Jan 17.299.536 592.991 19.777 19.777 19,574 Feb..... 17,555,791 16,950,653 605,138 19,574 17,648,314 17,031,146 617,168 19,398 19,398 Mar..... Apr..... 17,614,542 16,999,565 614,977 19,357 19,357 17,674,599 17,056,672 617,926 19,558 May 19,558 17,716,680 17,094,781 621,899 19,722 June 19,722 Julv..... 17,766,190 17,146,834 619,356 19,819 19,819 614,261 19,741 18,129,367 17,515,106 19,741 Aug -18,223,121 17,597,039 626,082 19,353 19,353 Sept.....

Note—Public issues held by the Federal Reserve banks have been revised to

include Ginnie Mae and exclude the following Government-Sponsored Enterprises: Federal National Mortgage Association, Federal Home Loan Mortgage Corporation,

and the Federal Home Loan Bank System.

TABLE OFS-2—Estimated Ownership of U.S. Treasury Securities

[In billions of dollars. Source: Office of Debt Management, Office of the Under Secretary for Domestic Finance]

						Pensic	on funds ³					
End of month	Total public debt ¹ (1)	Federal Reserve and Government accounts ² (2)	Total privately held (3)	Depository institutions ^{3, 4} (4)	U.S. savings bonds ⁵ (5)	Private ⁶ (6)	State and local governments (7)	Insurance compa- nies *, ³ (8)	Mutual funds ^{3, 7} (9)	State and local govern- ments ³ (10)	Foreign and inter- national ⁸ (11)	Other investors ⁹ (12)
2022 - Sept	20 029 0	12,264.7	18,664.2		166.2							
June		12,204.7	18,168.9	- 1,807.7	160.2	- 767.6	- 381.1	- 368.2	- 2,842.6	- 1,547.2	- 7,430.8	- 2,863.5
Mar		12,399.7	18,119.7	1,754.1	149.7	707.0	380.0	374.9	3,282.2	1,438.3	7,430.8 7,613.3	2,352.5
2021 - Dec		12,201.3	17,491.3	1,733.9	149.7	770.8	430.9	419.3	3,202.2	1,430.3	7,747.6	2,352.5
Sept		11,579.1	16,849.8	,		593.2	430.9	419.5	3,407.0	1,437.4		1,596.5
	,	,	,	1,540.3	143.6				,	,	7,570.9	,
June Mar	,	11,382.9	17,146.5	1,433.1	144.6	768.2	395.9	421.2	3,777.9	1,313.7	7,518.9	1,373.0
Mar		11,095.5	17,037.1	1,347.9	145.7	750.3	344.8	391.9	3,951.6	1,099.6	7,038.3	1,966.9
2020 - Dec		10,809.2	16,938.6	1,265.2	147.1	772.2	346.8	398.2	3,784.8	1,111.9	7,070.7	2,041.7
Sept		10,371.9	16,573.5	1,241.1	148.6	773.8	309.9	414.3	3,725.3	1,059.7	7,069.2	1,831.6
June		10,157.7	16,319.6	1,157.9	149.8	767.7	284.7	403.2	3,696.0	1,034.8	7,052.1	1,773.5
Mar		9,279.7	14,407.2	947.6	150.0	759.3	325.3	396.8	2,501.7	862.1	6,949.5	1,514.9
2019 - Dec		8,359.9	14,841.5	935.1	151.3	705.3	329.3	368.7	2,412.8	793.1	6,844.2	2,301.7
Sept	,	8,023.6	14,695.8	909.4	152.3	691.1	343.5	366.8	2,319.7	766.8	6,923.5	2,222.6
June	,	7,945.2	14,078.4	808.2	153.4	470.4	382.0	363.6	2,037.0	751.4	6,625.9	2,486.5
Mar		7,999.1	14,028.9	769.5	154.5	443.6	357.6	361.1	2,189.2	752.7	6,474.0	2,526.7
2018 - Dec		8,095.0	13,879.1	769.7	155.7	637.3	367.9	360.5	2,094.9	713.2	6,270.1	2,509.9
Sept		8,068.1	13,447.9	682.0	156.8	615.3	301.7	361.3	1,957.2	730.7	6,225.9	2,417.0
June	21,195.3	8,106.9	13,088.5	663.1	157.8	605.0	307.3	360.2	1,902.9	726.8	6,225.0	2,140.4
Mar	21,089.9	8,086.6	13,003.3	637.8	159.0	589.7	300.1	366.9	2,048.2	715.8	6,223.4	1,962.5
2017 - Dec	20,492.7	8,132.1	12,360.6	636.7	160.4	432.1	289.4	377.9	1,850.8	735.0	6,211.3	1,667.1
Sept	20,244.9	8,036.9	12,208.0	610.5	161.7	570.8	266.5	364.3	1,739.6	704.0	6,301.9	1,488.7
June		7,943.4	11,901.1	620.5	162.8	425.9	262.8	352.8	1,645.8	710.1	6,151.9	1,568.5
Mar		7,941.1	11,905.3	657.4	164.2	444.2	239.5	342.6	1,715.2	724.6	6,075.3	1,542.3
2016 - Dec		8,005.6	11,971.3	663.1	165.8	538.0	218.8	334.2	1,705.4	717.3	6,006.3	1,622.4
Sept		7,863.5	11,709.9	626.8	167.5	545.6	203.8	345.2	1,600.4	710.9	6,155.9	1,353.8
June		7,911.2	11,470.4	580.6	169.0	537.9	185.0	333.7	1,434.2	712.6	6,279.1	1,238.3
Mar	,	7,801.4	11,463.6	562.9	170.3	524.4	170.4	319.1	1,404.1	694.9	6,284.4	1,333.0
2015 - Dec		7,711.2	11,211.0	547.4	171.6	504.7	174.5	310.1	1,318.3	680.9	6,146.2	1,357.1
Sept		7,488.7	10,661.9	519.1	172.8	305.3	171.0	310.0	1,195.1	646.0	6,105.9	1,236.8
June	,	7,536.5	10,615.5	518.5	172.0	373.8	185.7	307.7	1,139.8	652.8	6,163.1	1,100.1
Mar		7,521.3	10,630.8		173.9	447.8	176.7		,		,	998.4
2014 - Dec				518.1				308.5	1,170.4	663.3	6,172.6 6 157 7	
		7,578.9	10,562.6	516.8	175.9	507.1	199.2	310.5	1,121.8	654.5	6,157.7	919.0
Sept		7,490.8	10,333.2	471.1	176.7	490.7	198.7	301.4	1,075.8	628.7	6,069.2	920.8
June Mar	,	7,461.0	10,171.6	409.5	177.6	482.6	198.3	291.0	986.2	638.8	6,018.7	968.8
Mar		7,301.5	10,299.7	368.4	178.3	474.3	184.3	280.1	1,060.4	632.0	5,948.3	1,173.7
2013 - Dec		7,205.3	10,146.6	321.1	179.2	464.9	181.3	274.5	983.3	633.6	5,792.6	1,316.2
Sept	,	6,834.2	9,904.0	293.2	180.0	347.8	187.5	276.6	986.1	624.3	5,652.8	1,355.7
June	,	6,773.3	9,964.9	300.2	180.9	444.5	187.7	281.3	1,000.1	612.6	5,595.0	1,362.6
Mar		6,656.8	10,114.8	338.9	181.7	463.4	193.4	284.3	1,066.7	615.6	5,725.0	1,245.7
2012 - Dec		6,523.7	9,909.1	347.7	182.5	468.0	183.6	292.7	1,031.8	599.6	5,573.8	1,229.4
Sept		6,446.8	9,619.4	338.2	183.8	453.9	181.7	292.6	1,080.7	596.9	5,476.1	1,015.4
June		6,475.8	9,379.7	303.2	184.7	427.4	171.2	293.6	997.8	585.4	5,310.9	1,105.4
	15,582.3	6,397.2	9,185.1	317.0	184.8	406.6	169.4	298.1	1,015.4	567.4	5,145.1	1,081.2

ublic Debt of the United s (MSPD)." Face value. burce: "wontniy a ² Sources: Federal Reserve Board of Governors, Factors Affecting Reserve Balances -H.4.1, and the U.S. Treasury MSPD for intragovernmental holdings. Federal Reserve

holdings exclude Treasury securities held under repurchase agreements. As of February 2005, the debt held by Government Accounts was renamed to Intragovernmental holdings. ³ Source: Federal Reserve Board of Governors, Flow of Funds Table L.210.

⁴ Includes U.S. chartered depository institutions, foreign banking offices in U.S., banks in U.S. affiliated areas, credit unions and bank holding companies.

⁵ Sources: "Monthly Statement of the Public Debt of the United States from January 1996. From December 2014 to September 2018, includes savings bonds issued to myRA accounts. Current accrual value.

⁶ Includes U.S. Treasury securities held by the Federal Employees Retirement System Thrift Savings Plan "G Fund."

companies.

8Source: Treasury International Capital Survey https://ticdata.treasury.gov/resourcecenter/data-chart-center/tic/Documents/mfhhis01.txt. Includes nonmarketable foreign series, Treasury securities, and Treasury deposit funds. Excludes Treasury securities held under repurchase agreements in custody accounts at the Federal Reserve Bank of New York. For additional information, see: https://home.treasury.gov/data/treasury-internationalcapital-tic-system.

⁹ Includes individuals, Government-sponsored enterprises, brokers and dealers, bank personal trusts and estates, corporate and non-corporate businesses, and other investors. *The "Insurance companies" data presented in Treasury Bulletin issues from December 2018 through June 2021 have been revised. Beginning with the December 2018 TB issue and June 2018 data, ownership data for property-casualty insurance companies was not included in the total, nor were updates to historical data captured due to a change in the FRB Flow of Funds Z.1 release series reporting this data. This new series is now being captured and "Insurance companies" data have been revised back to June 2013.

INTRODUCTION: U.S. Currency and Coin Outstanding and in Circulation

The U.S. Currency and Coin Outstanding and in Circulation (USCC) statement informs the public of the total face value of currency and coin used as a medium of exchange that is in circulation at the end of a given accounting month. The statement defines the total amount of currency and coin outstanding and the portion deemed to be in circulation. It includes some old and current rare issues that do not circulate or that may do so to a limited extent. Treasury includes them in the statement because the issues were originally intended for general circulation. The USCC statement provides a description of the various issues of paper money. It also gives an estimated average of currency and coin held by each individual, using estimates of population from the Bureau of the Census. USCC information has been published by Treasury since 1888, and was published separately until 1983, when it was incorporated into the "Treasury Bulletin." The USCC comes from monthly reports compiled by Treasury offices, U.S. Mint offices, the Federal Reserve banks (FRBs), and the Federal Reserve Board.

TABLE USCC-1—Amounts Outstanding and in Circulation, Sept. 30, 2022

	[:	Source: Bureau of the Fiscal S	ervice]		
Currency	Total currency and coin (1)	Total currency (2)	Federal Reserve notes ¹ (3)	U.S. notes (4)	Currency no longer issued (5)
Amounts outstanding	\$2,635,596,373,206	\$2,584,110,172,138	\$2,583,635,555,691	\$238,912,466	\$235,703,981
Less amounts held by:					
The Treasury	176,707,034	94,815,034	94,555,753	72,874	186,407
FRBs	355,449,435,905	354,207,700,288	354,207,693,628	-	6,660
Amounts in circulation	\$2,279,970,230,267	\$2,229,807,656,816	\$2,229,333,306,310	\$238,839,592	\$235,510,914
Coins ²		Total (1)	Dollars ^{2, 3} (2)		Fractional coins (3)
Amounts outstanding	\$51	,486,201,068	6,548,044,108		44,938,156,960
Less amounts held by:					
The Treasury		81,892,000	48,770,000		33,122,000
FRBs	1	,241,735,617	912,621,836		329,113,781
Amounts in circulation	\$50	,162,573,451	\$5,586,652,272		\$44,575,921,179

See footnotes following table USCC-2.

TABLE USCC-2—Amounts Outstanding and in Circulation, Sept. 30, 2022

[Source: Bureau of the Fiscal Service]

Currency in circulation by denomination	Total (1)	Federal Reserve notes ¹ (2)	U.S. notes (3)	Currency no longer issued (4)
\$1	\$14,170,484,631	\$14,030,927,574	\$143,469	\$139,413,588
\$2	2,931,856,620	2,800,441,446	131,402,608	12,566
\$5	17,116,823,025	16,987,234,890	107,336,455	22,251,680
\$10	22,827,639,960	22,807,939,640	3,420	19,696,900
\$20	227,361,821,180	227,341,721,360	-3,000	20,102,820
\$50	121,816,167,800	121,804,682,300	-13,750	11,499,250
\$100	1,823,270,775,600	1,823,248,826,700	-37,200 6	21,986,100
\$500	141,720,000	141,530,000	3,500	186,500
\$1,000	165,152,400	164,942,400	4,000	206,000
\$5,000	1,765,000	1,710,000	-	55,000
\$10,000	3,450,000	3,350,000	-	100,000
Partial notes ⁵	600	-	90	510
Total currency	\$2,229,807,656,816	\$2,229,333,306,310	\$238,839,592	\$235,510,914

Comparative totals of currency and coins in circulation-selected dates	Amounts (in millions) (1)	Per capita ⁴ (2)
Sept. 30, 2022	2,279,970	6,841
Aug. 31, 2022	2,278,336	6,839
July 31, 2022	2,273,344	6,826
Sept. 30, 2020	2,032,424	6,150
Sept. 30, 2015	1,387,552	4,310
Sept. 30, 2010	954,719	3,074
Sept. 30, 2005	766,487	2,578
Sept. 30, 2000	568,614	2,061
Sept. 30, 1995	409,272	1,553
Sept. 30, 1990	278,903	1,105
Sept. 30, 1985	187,337	782
June 30, 1980	129,916	581
June 30, 1975	81,196	380
June 30, 1970	54,351	265

¹ Issued on or after July 1, 1929.
 ² Excludes coins sold to collectors at premium prices.
 ³ Includes \$481,781,898 in standard silver dollars.

⁴ Based on Bureau of the Census estimates of population.
 ⁵ Represents value of certain partial denominations not presented for redemption.
 ⁶ Represents current FRB adjustment.



Foreign Currency Positions Exchange Stabilization Fund

INTRODUCTION: Foreign Currency Positions

The "Treasury Bulletin" reports foreign currency holdings of large foreign exchange market participants. These reports provide information on positions in derivative instruments, such as foreign exchange futures and options that are increasingly used in establishing foreign exchange positions but were not covered in the old reports.

The information is based on reports of large foreign exchange market participants on holdings of five major foreign currencies (Canadian dollar, Japanese yen, Swiss franc, pound sterling, and euro) and the U.S. dollar. Positions in the U.S. dollar, which have been collected since January 1999, are intended to approximate "all other" currency positions of reporting institutions. U.S.-based businesses file a consolidated report for their domestic and foreign subsidiaries, branches, and agencies. U.S. subsidiaries of foreign entities file only for themselves, not for their foreign parents. Filing is required by law (31 United States Code 5315; 31 Code of Federal Regulations 128, Subpart C).

Weekly and monthly reports must be filed throughout the calendar year by major foreign exchange market participants, which are defined as market participants with more than \$50 billion equivalent in foreign exchange contracts on the last business day of any calendar quarter during the previous year (end March, September, September, or December). Such contracts include the amounts of foreign exchange forward contracts bought and sold, foreign exchange futures bought and sold, and one half the notional amount of foreign exchange options bought and sold.

A quarterly report must be filed throughout the calendar year by each foreign exchange market participant that had more than \$5 billion equivalent in foreign exchange contracts on the last business day of any quarter the previous year (end March, June, September, or December).

This information is published in six sections corresponding to each of the major currencies covered by the reports. Tables I-1 through VI-1 present the currency data reported weekly by major market participants. Tables I-2 through VI-2 present more detailed currency data of major market participants, based on monthly reports. Tables I-3 through VI-3 present quarterly consolidated currency data reported by large market participants that do not file weekly reports. The information in the tables referenced above is based on the reports referenced in this Introduction: Foreign Currency Positions and is not audited by the Federal Reserve banks or the Treasury Department.

Principal exchanged under cross-currency interest rate swaps is reported as part of purchases or sales of foreign exchange. Such principal also was noted separately on monthly and quarterly reports through December 1998, when this practice was discontinued. The net options position, or the net delta-equivalent value of an options position, is an estimate of the relationship between an option's value and an equivalent currency hedge. The delta equivalent value is defined as the product of the first partial derivative of an option valuation formula (with respect to the price of the underlying currency) multiplied by the notional principal of the contract.

The data reported herein may occasionally differ with respect to time periods noted in prior issues of this Bulletin due to revisions from reporting market participants that arise from quality assurance controls.

SECTION I—Canadian Dollar Positions TABLE FCP-I-1—Weekly Report of Major Market Participants

[In millions of Canadian dollars. Source: Treasury Foreign Currency Reporting]

Report date 04/06/22 04/13/22 04/20/22 04/27/22 05/04/22 05/04/22 05/11/22 05/18/22 05/25/22 06/01/22 06/01/22 06/08/22 06/15/22 06/22/22 06/22/22	Spot, forward and	future contracts	Net options	Exchange rate (Canadian dollars per
04/06/22 04/13/22 04/20/22 04/27/22 05/04/22 05/04/22 05/11/22 05/18/22 05/25/22 06/01/22 06/08/22 06/15/22 06/22/22 06/22/22	Purchased	Sold	positions	U.S. dollar)
04/13/22	(1)	(2)	(3)	(4)
04/20/22	1,844,522	1,864,568	-328	1.2502
04/27/22	1,944,658	1,961,631	-374	1.2595
05/04/22 05/11/22 05/18/22 05/25/22 06/01/22 06/08/22 06/15/22 06/22/22 06/29/22	1,915,607	1,938,534	-374	1.2490
05/11/22 05/18/22 05/25/22 06/01/22 06/08/22 06/15/22 06/22/22 06/29/22	1,892,799	1,924,404	-293	1.2830
05/18/22 05/25/22 06/01/22 06/08/22 06/15/22 06/22/22 06/29/22	1,910,293	1,947,081	-288	1.2817
05/25/22 06/01/22 06/08/22 06/15/22 06/22/22 06/29/22	1,949,483	1,967,383	-233	1.2943
06/01/22 06/08/22 06/15/22 06/22/22 06/29/22	1,886,195	1,905,207	-277	1.2838
06/08/22 06/15/22 06/22/22 06/29/22	1,934,201	1,967,112	-269	1.2837
06/15/22 06/22/22 06/29/22	2,128,029	2,149,375	-250	1.2670
06/22/22	2,113,272	2,129,503	-242	1.2524
06/29/22	1,866,244	1,886,405	-223	1.2970
	1,849,636	1,857,234	-244	1.2932
	1,901,490	1,906,465	-239	1.2861
07/06/22	1,887,611	1,888,316	-212	1.3052
07/13/22	1,958,113	1,961,824	-239	1.2956
07/20/22	1,961,154	1,968,668	-283	1.2875
07/27/22	1,933,546	1,932,764	-308	1.2881
08/03/22	1,940,794	1,950,636	-347	1.2869
08/10/22	1,935,398	1,949,611	-335	1.2773
08/17/22	1,932,706	1,956,853	-258	1.2932
08/24/22	1,973,655	2,007,443	-280	1.2969
08/31/22	2,125,059	2,147,648	-295	1.3091
09/07/22	2,119,258	2,144,189	-253	1.3166
09/14/22	2,230,647	2,255,735	-294	1.3156
09/21/22	1,953,415	1,959,484	-294	1.3397
09/28/22	2,098,867	2,116,586	-317	1.3648

SECTION I—Canadian Dollar Positions, continued

TABLE FCP-I-2—Monthly Report of Major Market Participants

	Spot. f	orward	Foreign o	currency		0	ptions position:	6		Exchange rate (Canadian
		contracts	denom		Ca	ls	Ρι	ts	Net delta	dollars per
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	U.S. dollar) (10)
2019 - Dec	1,638,356	1,699,212	383,381	n.a.	49,215	46,379	65,623	63,132	-129	1.2962
2020 - Dec	1,615,296	1,653,883	271,333	191,964	53,008	50,684	77,418	70,360	-141	1.2753
2021 - Oct	1,943,163	1,957,595	214,779	144,402	75,121	76,439	125,307	127,100	-139	1.2397
Nov	2,058,909	2,056,927	192,442	185,092	67,679	67,358	120,396	122,653	-154	1.2812
Dec	1,827,403	1,817,039	170,694	142,950	64,273	63,388	115,552	124,009	-224	1.2653
2022 – Jan	1,932,060	1,921,960	173,431	145,646	73,773	74,433	132,930	137,818	-219	1.2694
Feb	2,008,957	2,000,817	201,799	136,465	69,755	68,777	121,236	125,708	-60	1.2662
Mar	1,959,104	1,980,500	230,919	145,887	82,703	80,876	131,605	130,872	-219	1.2482
Apr	1,995,409	2,033,126	182,702	169,823	81,949	81,406	132,898	132,783	-228	1.2802
May	1,885,608	1,905,950	201,434	142,138	72,371	69,030	103,341	100,546	-188	1.2639
June	1,972,996	1,983,298	197,535	183,484	64,271	62,776	118,544	110,625	-217	1.2871
July	1,981,675	1,998,543	216,606	157,330	70,748	71,054	133,198	123,190	-252	1.2801
Aug	2,142,887	2,166,187	199,204	198,324	70,153	68,409	118,505	111,560	-267	1.3091
Sept	2,241,698	2,256,275	213,722	214,061	67,965	68,153	122,835	114,452	-234	1.3752

[In millions of Canadian dollars. Source: Treasury Foreign Currency Reporting]

TABLE FCP-I-3—Quarterly Report of Large Market Participants

	Spot, for	Spot, forward		urrency		Exchange rate				
	and future contracts		denominated		Ca	alls	Pu	ts	Not dalta	(Canadian
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	Net delta equivalent (9)	dollars per U.S. dollar) (10)
2019 - Dec	45,259	78,619	130,707	n.a.	449	352	n.a.	463	-5	1.2962
2020 - Mar	37,877	79,185	123,492	n.a.	284	541	4,177	1,611	n.a.	1.4123
June	35,105	75,424	120,966	n.a.	531	414	n.a.	755	26	1.3614
Sept	52,279	74,098	129,196	98,229	353	281	n.a.	411	3	1.3323
Dec	37,680	80,356	129,178	92,121	n.a.	n.a.	1,062	570	n.a.	1.2753
2021 - Mar	37,924	75,948	116,451	n.a.	3,162	3,062	3,854	3,348	n.a.	1.2571
June	40,247	76,762	115,033	77,492	1,732	3,441	5,774	1,483	-148	1.2404
Sept	38,382	76,288	120,064	83,665	464	215	1,742	1,261	-40	1.2673
Dec	41,988	82,818	120,476	79,180	379	148	810	431	26	1.2653
2022 - Mar	53,414	91,283	125,248	83,562	1,046	311	1,000	542	42	1.2482
June	51,018	92,298	118,012	80,053	554	790	1,265	619	26	1.2871

SECTION II—Japanese Yen Positions TABLE FCP-II-1—Weekly Report of Major Market Participants

[In billions of Japanese yen. Source: Treasury Foreign Currency Reporting]

	Spot forward		Exchange rate (Japanese		
Report date	Purchased (1)	and future contracts Sold (2)	Net options positions (3)	yen per U.S. dollar) (4)	
04/06/22	549,667	566,032	-86	123.70	
04/13/22	556,006	572,768	-107	125.51	
04/20/22	567,136	594,680	-116	127.76	
04/27/22	565,849	575,078	-119	128.44	
05/04/22	586,813	597,499	-115	129.97	
05/11/22	583,618	585,681	-107	130.20	
05/18/22	528,979	536,999	-101	128.22	
05/25/22	565,171	573,273	-92	127.31	
06/01/22	586,770	586,281	-91	130.09	
06/08/22	596,254	599,662	-134	134.06	
06/15/22	562,415	564,934	-121	134.50	
06/22/22	631,246	574,900	-120	136.05	
06/29/22	574,178	591,961	-118	136.50	
07/06/22	556,628	568,663	-139	135.66	
07/13/22	584,476	596,350	-143	137.34	
07/20/22	601,487	611,525	-143	138.16	
07/27/22	590,674	590,466	-168	137.31	
08/03/22	588,712	603,463	-158	134.18	
08/10/22	606,100	601,029	-164	132.58	
08/17/22	606,836	602,239	-174	135.40	
08/24/22	624,155	622,445	-202	136.92	
08/31/22	632,973	632,612	-219	138.69	
09/07/22	661,358	663,732	-258	144.39	
09/14/22	671,419	672,355	-245	142.93	
09/21/22	650,224	650,236	-263	144.14	
09/28/22	659,096	651,682	-247	144.15	

SECTION II—Japanese Yen Positions, continued

TABLE FCP-II-2—Monthly Report of Major Market Participants

	Spot, fo	orward	Foreign of	currency		0	ptions positior	าร		Euchenne auto
	and future		denominated		Calls			Puts	Net delta	Exchange rate (Japanese yen
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	per U.S. dollar) (10)
2019 - Dec	514,008	518,815	89,712	73,001	29,712	31,697	46,539	50,688	-34	108.67
2020 - Dec	551,945	515,485	93,852	78,209	26,458	27,754	40,126	42,187	40	103.19
2021 - Oct	621,848	594,363	83,618	70,234	22,631	24,377	34,108	36,871	-37	114.03
Nov	658,174	626,856	74,225	65,406	25,265	26,413	37,915	40,157	-44	113.22
Dec	555,955	563,499	86,747	71,664	22,950	23,843	32,370	33,780	-54	115.09
2022 – Jan	540,786	544,721	79,861	68,421	24,028	25,308	33,011	35,061	-36	115.22
Feb	560,305	569,784	75,381	66,251	25,239	26,632	34,715	36,592	-28	115.11
Mar	574,853	590,839	94,240	82,843	27,383	28,202	38,209	40,507	-33	121.44
Apr	586,198	598,846	96,045	84,293	28,320	28,756	40,297	43,176	-59	129.84
Мау	535,010	535,846	90,861	78,757	30,446	30,842	38,175	41,294	4	128.53
June	573,267	586,843	101,804	85,244	31,735	33,554	44,533	46,573	-55	135.69
July	597,735	605,729	85,745	70,918	31,767	33,017	41,874	43,619	-83	133.25
Aug	639,945	640,611	101,862	88,019	33,159	33,512	41,734	43,589	-187	138.69
Sept	651,385	656,517	108,379	92,310	34,945	34,633	43,220	45,428	-204	144.71

[In billions of Japanese yen. Source: Treasury Foreign Currency Reporting]

TABLE FCP-II-3—Quarterly Report of Large Market Participants

	Spot, for	ward	Foreign o	urrency		Ор	tions positions			Exchange rate
	and future contracts		denominated		Calls		Puts		Net delta	(Japanese yer
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	per U.S. dollar (10)
2019 - Dec	7,446	6,168	8,607	6,269	86	287	417	133	n.a.	108.67
2020 - Mar	9,603	9,032	7,929	5,746	172	313	426	179	n.a.	107.53
June	8,072	7,575	8,972	6,114	150	322	328	91	6	107.77
Sept	7,917	8,259	9,802	6,137	159	330	326	111	2	105.58
Dec	n.a.	n.a.	9,738	6,246	413	n.a.	n.a.	93	5	103.19
2021 - Mar	9,089	9,554	10,518	6,406	239	551	704	359	2	110.61
June	8,588	9,437	10,528	6,457	222	409	540	264	1	111.05
Sept	8,410	8,709	10,081	6,448	296	555	710	342	-7	111.50
Dec	7,060	7,421	10,171	6,734	281	599	830	334	-11	115.09
2022 - Mar	8,597	8,395	10,104	6,889	503	864	898	447	8	121.44
June	9,589	9,172	11,312	7,832	488	1,545	1,726	407	30	135.69

[In billions of Japanese yen. Source: Treasury Foreign Currency Reporting]

SECTION III—Swiss Franc Positions TABLE FCP-III-1—Weekly Report of Major Market Participants

[In millions of Swiss francs. Source: Treasury Foreign Currency Reporting]

	Spot, forward and fi	uturo contracto		Exchange rate (Swiss
Report date	Purchased (1)	Sold (2)	Net options positions (3)	francs per U.S. dollar (4)
04/06/22	861,822	874,213	64	0.9325
04/13/22	865,148	873,619	47	0.9335
04/20/22	865,840	874,362	32	0.9469
04/27/22	855,715	864,298	19	0.9695
05/04/22	865,630	863,704	-1	0.9829
05/11/22	863,770	862,135	-19	0.9907
05/18/22	839,276	844,659	2	0.9902
05/25/22	856,462	857,306	26	0.9637
06/01/22	997,557	1,000,053	26	0.9644
06/08/22	975,407	975,741	14	0.9750
6/15/22	904,145	899,419	22	1.0021
6/22/22	877,504	875,463	13	0.9615
)6/29/22	957,981	934,559	6	0.9541
)7/06/22	961,517	943,847	-35	0.9714
)7/13/22	956,733	943,129	-65	0.9784
)7/20/22	945,399	932,932	-29	0.9721
)7/27/22	956,325	936,933	-49	0.9650
)8/03/22	969,598	953,587	-52	0.9630
)8/10/22	983,597	971,030	-38	0.9410
)8/17/22	985,667	980,059	15	0.9537
)8/24/22	1,019,543	1,017,754	34	0.9664
)8/31/22	1,089,667	1,087,109	26	0.9748
)9/07/22	1,102,094	1,085,605	31	0.9808
)9/14/22	1,196,961	1,159,068	-38	0.9612
)9/21/22	1,114,965	1,083,293	-117	0.9652
09/28/22	1,099,656	1,083,968	-129	0.9756

SECTION III—Swiss Franc Positions, continued

TABLE FCP-III-2—Monthly Report of Major Market Participants

	Spot, fo	orward	Foreigr	n currency		0	ptions positio	าร		Exchange rate
	and future	contracts	deno	minated	Ca	ls	Pu	ts	Net delta	(Swiss francs pe
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	U.S. dollar) (10)
2019 - Dec	875,026	919,323	94,699	70,094	41,629	39,815	66,118	62,231	n.a.	0.9677
2020 - Dec	788,408	818,907	84,653	61,459	30,684	29,500	46,891	45,610	n.a.	0.8841
2021 - Oct	972,906	1,007,333	66,243	52,765	38,195	34,548	59,693	59,659	35	0.9165
Nov	1,040,691	1,070,292	69,669	56,874	36,496	32,846	53,126	51,728	13	0.9217
Dec	900,008	933,319	72,419	57,271	33,648	29,879	45,688	44,335	3	0.9119
2022 – Jan	914,826	950,440	64,744	65,682	33,670	31,407	51,115	50,135	-5	0.9303
Feb	932,028	962,241	59,059	57,723	32,842	30,754	54,080	52,710	15	0.9179
Mar	951,043	982,513	59,000	55,170	34,918	30,808	56,894	56,219	78	0.9211
Apr	930,428	952,589	70,181	68,719	35,285	31,086	54,408	53,017	13	0.9723
Мау	896,261	907,529	59,776	60,669	42,591	38,519	61,412	57,725	19	0.9570
June	1,014,576	1,006,146	68,077	54,171	54,532	49,908	73,960	70,373	11	0.9550
July	999,920	1,011,896	76,963	63,753	50,335	43,690	71,274	69,461	-71	0.9513
Aug	1,132,046	1,146,338	70,191	54,131	52,781	48,120	71,757	70,115	25	0.9748
Sept	1,163,297	1,174,312	75,038	65,611	56,886	53,042	77,740	77,256	-76	0.9845

[In millions of Swiss francs. Source: Treasury Foreign Currency Reporting]

 TABLE FCP-III-3—Quarterly Report of Large Market Participants

 [In millions of Swiss francs. Source: Treasury Foreign Currency Reporting]

	Spot, fo	orward	Foreign	currencv		Ор	tions position	s		Exchange rate
	and future		denom	,	Calls		Pu	uts	Net delta	(Swiss francs per
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	U.S. dollar) (10)
2019 - Dec	11,913	18,354	106,584	17,110	n.a.	n.a.	n.a.	n.a.	n.a.	0.9677
2020 - Mar	16,612	17,786	106,117	13,924	n.a.	n.a.	n.a.	27	n.a.	0.9627
June	n.a.	12,899	75,161	12,614	n.a.	n.a.	n.a.	n.a.	n.a.	0.9467
Sept	n.a.	11,677	95,156	13,035	n.a.	530	n.a.	59	n.a.	0.9188
Dec	n.a.	n.a.	101,140	14,702	22	n.a.	n.a.	51	n.a.	0.8841
2021 - Mar	12,060	41,773	95,515	17,129	n.a.	n.a.	601	n.a.	-8	0.9418
June	11,891	40,383	79,145	14,385	36	180	575	372	1	0.9253
Sept	10,682	38,238	80,060	14,117	558	1,515	1,954	704	-6	0.9339
Dec	15,268	43,630	79,420	12,965	23	129	507	162	n.a.	0.9119
2022 - Mar	16,332	45,467	81,161	12,144	22	130	559	264	2	0.9211
June	29,612	58,287	78,490	13,868	1,236	592	501	390	119	0.9550

SECTION IV—Sterling Positions

TABLE FCP-IV-1—Weekly Report of Major Market Participants

[In millions of pounds sterling. Source: Treasury Foreign Currency Reporting]

				Exchange rate (U.S.	
	Spot, forward and fu Purchased	ture contracts Sold	Net options positions	dollars per pound)	
Report date	(1)	(2)	(3)	(4)	
04/06/22	3,043,955	3,170,172	-41	1.3082	
04/13/22	3,066,970	3,210,955	-32	1.3072	
04/20/22	3,012,674	3,136,678	-117	1.3055	
04/27/22	3,173,258	3,293,405	-271	1.2547	
05/04/22	3,153,585	3,266,125	-242	1.2487	
)5/11/22	3,082,701	3,197,013	-401	1.2317	
5/18/22	3,008,398	3,111,789	-421	1.2396	
5/25/22	3,063,378	3,147,358	-293	1.2539	
16/01/22	3,299,608	3,414,695	-370	1.2472	
6/08/22	3,271,798	3,366,809	-325	1.2557	
6/15/22	3,096,050	3,198,985	-496	1.2057	
6/22/22	2,997,595	3,113,366	-405	1.2280	
6/29/22	3,140,280	3,287,869	-389	1.2151	
)7/06/22	3,024,397	3,171,689	-500	1.1907	
)7/13/22	3,059,500	3,192,206	-297	1.1919	
)7/20/22	3,055,486	3,187,294	-288	1.1989	
7/27/22	3,111,689	3,227,451	-363	1.2027	
8/03/22	3,071,083	3,173,122	-313	1.2132	
8/10/22	3,083,869	3,190,836	-319	1.2244	
8/17/22	3,127,837	3,248,624	-367	1.2029	
)8/24/22	3,146,549	3,272,785	-461	1.1802	
8/31/22	3,371,234	3,493,479	-447	1.1647	
9/07/22	3,308,973	3,431,153	-514	1.1473	
9/14/22	3,495,676	3,615,663	-503	1.1563	
9/21/22	3,204,759	3,350,573	-621	1.1330	
)9/28/22	3,554,049	3,688,625	-595	1.0832	

SECTION IV—Sterling Positions, continued

TABLE FCP-IV-2—Monthly Report of Major Market Participants

	Spot.	forward	Foreiar	n currency		(Options position	าร		Exchange rate
		e contracts	•	denominated		Calls		Puts	Net delta	(U.S. dollars
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	per pound) (10)
2019 - Dec	2,782,534	3,002,683	657,263	535,326	159,065	163,213	105,419	96,965	n.a.	1.3269
2020 - Dec	3,002,184	3,213,613	721,561	592,495	95,736	93,253	81,783	74,031	137	1.3662
2021 - Oct	3,582,729	3,714,083	554,929	500,684	65,530	61,653	77,313	69,917	-79	1.3686
Nov	3,710,840	3,854,182	632,598	575,365	67,673	64,987	89,387	76,056	-167	1.3252
Dec	3,257,135	3,430,618	579,389	488,530	64,036	62,403	81,057	64,114	-88	1.3544
2022 – Jan	3,232,610	3,387,157	535,074	466,324	63,288	62,383	93,814	69,838	-116	1.3439
Feb	3,364,304	3,495,253	562,572	471,378	61,265	58,441	100,139	68,046	95	1.3419
Mar	3,265,788	3,470,288	610,145	541,553	65,365	65,869	101,119	72,151	-32	1.3152
Apr	3,271,419	3,418,438	647,887	583,472	70,658	67,525	106,372	78,014	-279	1.2565
Мау	3,016,436	3,141,591	572,179	504,620	68,446	63,799	120,959	90,999	-370	1.2624
June	3,170,588	3,333,051	649,364	568,593	72,176	67,688	101,981	70,962	-336	1.2162
July	3,205,415	3,343,996	545,687	507,794	75,467	72,361	104,118	67,519	-203	1.2183
Aug	3,416,906	3,541,795	657,069	604,846	75,984	69,624	116,834	82,763	-323	1.1647
Sept	3,687,482	3,829,931	717,298	664,906	89,198	85,087	134,056	105,740	-452	1.1135

[In millions of pounds sterling. Source: Treasury Foreign Currency Reporting]

TABLE FCP-IV-3—Quarterly Report of Large Market Participants

	Spot, fo	orward	Foreiar	n currency		C	ptions position	IS		Exchange rate
	and future		denominated		Calls		Puts		Net delta	(U.S. dollars
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	per pound) (10)
2019 - Dec	37,609	60,334	206,699	61,553	7,341	6,449	2,795	n.a.	247	1.3269
2020 - Mar	39,590	67,544	207,204	73,531	2,203	2,029	1,626	1,214	134	1.2454
June	34,001	62,438	209,014	76,302	1,417	1,178	2,131	2,125	151	1.2369
Sept	31,675	58,932	211,807	78,738	1,303	1,088	2,281	1,968	207	1.2921
Dec	45,430	n.a.	222,675	80,552	1,711	1,354	2,318	2,241	222	1.3662
2021 - Mar	43,845	63,450	232,954	88,856	1,918	1,890	1,065	669	187	1.3795
June	50,602	66,849	225,356	87,405	1,519	1,652	1,224	306	303	1.3806
Sept	50,173	63,895	227,437	83,716	559	522	1,002	393	220	1.3470
Dec	53,508	67,144	240,169	93,594	876	787	2,165	1,863	162	1.3544
2022 - Mar	53,989	66,329	233,918	87,800	679	780	3,151	2,222	105	1.3152
June	47,567	60,729	229,952	86,971	845	1,381	3,685	2,430	197	1.2162

[In millions of pounds sterling. Source: Treasury Foreign Currency Reporting]

SECTION V—U.S. Dollar Positions

TABLE FCP-V-1—Weekly Report of Major Market Participants

[In millions of U.S. dollars. Source: Treasury Foreign Currency Reporting]

	Spot, forward and	future contracts	Net options	Exchange	
Report date	Purchased (1)	Sold (2)	positions (3)	rate (4)	
,				(*)	
04/06/22	,,	26,922,819	147	n.a.	
)4/13/22	27,982,526	27,121,531	-611	n.a.	
04/20/22	27,671,909	26,903,282	-98	n.a.	
04/27/22	28,233,267	27,525,539	1,176	n.a.	
05/04/22	28,032,672	27,244,879	1,436	n.a.	
05/11/22	27,768,736	26,903,124	1,555	n.a.	
05/18/22	27,116,809	26,473,841	1,690	n.a.	
)5/25/22	27,721,524	26,840,443	553	n.a.	
06/01/22	29,805,988	28,923,277	691	n.a.	
)6/08/22	29,131,613	28,479,459	-918	n.a.	
)6/15/22	27,041,262	26,487,660	24	n.a.	
)6/22/22	26,638,887	25,953,327	-923	n.a.	
06/29/22	27,593,106	26,807,829	-1,170	n.a.	
07/06/22	26,560,970	25,943,478	20	n.a.	
)7/13/22	27,125,745	26,370,560	389	n.a.	
)7/20/22	26,887,182	26,299,959	-361	n.a.	
07/27/22	27,345,821	26,394,132	-1,115	n.a.	
)8/03/22	27,019,196	26,346,486	-1,773	n.a.	
08/10/22	27,505,692	26,707,373	-1,814	n.a.	
08/17/22	27,476,433	26,721,620	-1,450	n.a.	
08/24/22	28,022,085	27,318,766	-786	n.a.	
08/31/22	28,789,895	28,168,570	-637	n.a.	
09/07/22	28,944,181	28,265,494	470	n.a.	
09/14/22	29,914,655	29,238,627	1,566	n.a.	
09/21/22	27,122,027	26,348,792	1,534	n.a.	
)9/28/22	28,354,112	27,458,861	2,366	n.a.	

SECTION V—U.S. Dollar Positions, continued

TABLE FCP-V-2—Monthly Report of Major Market Participants

	Spot, fo			n currency		Options positions Calls Puts Net de				
	and future Purchased	Sold	Assets	minated Liabilities	Bought	Written	Pu Bought	Written	Net delta equivalent	Exchange rate
Report date	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2019 - Dec	24,180,933	23,475,477	-	-	1,314,653	1,305,332	1,109,429	1,106,074	-1,902	n.a.
2020 - Dec	25,233,574	24,492,626	-	-	1,328,145	1,297,830	1,224,642	1,268,973	-917	n.a.
2021 - Oct	29,800,133	28,897,492	-	-	1,359,937	1,400,815	1,195,731	1,218,736	-1,607	n.a.
Nov	31,383,646	30,481,967	-	-	1,454,120	1,496,443	1,292,843	1,304,863	-1,527	n.a.
Dec	27,411,478	26,601,323	-	-	1,259,241	1,276,837	1,081,782	1,087,602	-1,218	n.a.
2022 – Jan	28,535,379	27,669,618	-	-	1,344,888	1,351,626	1,125,176	1,148,334	-1,127	n.a.
Feb	29,614,078	28,824,539	-	-	1,366,246	1,388,751	1,186,340	1,203,613	-1,257	n.a.
Mar	29,358,733	28,540,528	-	-	1,507,758	1,507,975	1,237,282	1,247,704	-2,919	n.a.
Apr	29,570,474	28,659,740	-	-	1,720,294	1,721,557	1,231,088	1,243,347	-2,250	n.a.
Мау	27,372,217	26,449,288	-	-	1,677,508	1,681,785	1,235,600	1,238,612	-2,828	n.a.
June	27,528,127	26,591,122	-	-	1,681,963	1,671,889	1,226,224	1,210,282	-2,376	n.a.
July	27,936,346	27,226,769	-	-	1,623,042	1,627,506	1,279,829	1,256,742	-2,817	n.a.
Aug	29,215,846	28,488,105	-	-	1,688,355	1,698,782	1,288,340	1,255,674	-2,152	n.a.
Sept	28,856,168	28,050,326	-	-	1,854,686	1,877,993	1,342,531	1,315,456	-693	n.a.

[In millions of U.S. dollars. Source: Treasury Foreign Currency Reporting]

TABLE FCP-V-3—Quarterly Report of Large Market Participants

	Spot, f	orward	Foreign	Foreign currency			Options positi	ons		
	and future		denominated		Ca	ls	Pu	ts	Net delta	Exchange
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	rate (10)
2019 - Dec	489,523	335,160	-	-	15,286	16,703	19,970	18,665	2,134	n.a.
2020 - Mar	527,617	368,051	-	-	18,296	18,350	16,512	19,723	2,356	n.a.
June	453,275	339,004	-	-	16,423	18,642	22,614	19,932	847	n.a.
Sept	445,071	345,176	-	-	23,624	28,790	15,855	15,680	645	n.a.
Dec	n.a.	n.a.	-	-	n.a.	27,471	24,760	n.a.	1,381	n.a.
2021 - Mar	544,055	384,504	-	-	26,574	32,663	28,720	22,735	1,559	n.a.
June	577,405	440,815	-	-	20,809	18,607	22,650	21,814	n.a.	n.a.
Sept	576,305	435,325	-	-	19,758	20,291	21,963	16,726	2,503	n.a.
Dec	569,766	412,817	-	-	22,876	21,662	16,898	14,957	2,844	n.a.
2022 - Mar	613,838	445,368	-	-	28,701	26,382	23,460	23,140	2,697	n.a.
June	607,130	456,683	-	-	32,596	23,484	19,169	24,909	1,840	n.a.

SECTION VI—Euro Positions

TABLE FCP-VI-1—Weekly Report of Major Market Participants

[In millions of euros. Source: Treasury Foreign Currency Reporting]

				Exchange rate
Report date	Spot, forward and Purchased (1)	d future contracts Sold (2)	– Net options positions (3)	(Euros per U.S. dollar) (4)
04/06/22	7,974,357	8,155,463	274	0.9163
04/13/22	8,025,576	8,212,044	234	0.9196
04/20/22	7,896,061	8,071,511	132	0.9211
04/27/22	8,002,595	8,233,212	859	0.9480
05/04/22	7,914,394	8,134,761	701	0.9489
05/11/22	7,934,471	8,105,127	615	0.9490
05/18/22	7,789,059	7,943,606	790	0.9529
05/25/22	7,758,507	7,961,491	274	0.9383
06/01/22	8,364,696	8,562,034	120	0.9393
06/08/22	7,995,850	8,191,942	39	0.9311
06/15/22	7,802,556	7,987,068	541	0.9627
06/22/22	7,594,383	7,776,429	210	0.9449
06/29/22	7,974,836	8,183,425	460	0.9545
07/06/22	7,692,139	7,920,061	1,329	0.9830
07/13/22	8,013,560	8,200,201	1,265	0.9920
07/20/22	7,976,099	8,168,736	1,069	0.9788
07/27/22	8,212,725	8,449,630	1010	0.9893
08/03/22	8,002,086	8,218,069	1,168	0.9856
08/10/22	8,146,355	8,375,246	437	0.9674
08/17/22	8,097,667	8,342,514	940	0.9839
08/24/22	8,303,102	8,529,407	1,027	1.0033
08/31/22	8,599,716	8,808,095	917	0.9935
09/07/22	8,642,334	8,909,664	899	1.0058
09/14/22	9,091,621	9,312,539	818	1.0007
09/21/22	8,414,684	8,643,653	839	1.0121
09/28/22	8,945,622	9,190,918	1,003	1.0330

TABLE FCP-VI-2—Monthly Report of Major Market Participants

	Spot, fo		Foreign currency denominated		Options positions					
	and future					alls		uts	Net delta	Exchange
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	rate (10)
019 - Dec	6,855,887	7,081,645	2,342,011	2,797,839	504,551	499,156	366,025	351,874	654	0.8729
020 - Dec	6,756,072	6,851,499	1,411,269	1,433,139	452,926	441,518	313,106	309,793	-76	0.8907
021 - Oct	8,397,588	8,572,190	1,522,706	1,361,841	451,811	478,159	354,804	366,011	-12	0.8657
Nov	8,782,368	9,010,849	1,601,590	1,480,819	488,236	515,244	406,759	397,989	105	0.8860
Dec	8,038,278	8,176,622	1,345,974	1,260,293	415,988	445,127	352,592	329,041	-40	0.8789
022 – Jan	8,241,002	8,378,310	1,637,460	1,503,340	439,434	471,971	367,455	343,547	120	0.8919
Feb	8,496,723	8,646,513	1,659,784	1,526,334	547,184	583,558	400,998	385,457	77	0.8910
Mar	8,574,136	8,653,974	1,547,221	1,416,361	550,125	588,217	457,351	428,524	381	0.9015
Apr	8,545,103	8,726,056	1,890,850	1,712,611	549,766	581,980	503,335	469,043	556	0.9490
Мау	7,696,254	7,886,323	1,630,850	1,508,391	520,189	556,907	473,341	429,449	295	0.9319
June	8,099,801	8,302,890	1,855,770	1,719,282	538,667	568,158	441,816	381,598	828	0.9552
July	8,447,610	8,653,485	1,743,835	1,613,467	569,626	605,893	517,293	445,263	679	0.9802
Aug	8,744,080	8,940,654	1,894,938	1,737,953	561,047	592,481	553,949	484,797	1,065	0.9935
Sept	9,239,360	9,461,766	1,999,681	1,888,013	623,611	654,815	575,535	519,777	1,448	1.0222

TABLE FCP-VI-3—Quarterly Report of Large Market Participants

	Spot, forward and future contracts		Foreign currency denominated		Options positions					
					Calls		Puts		Net delta	Exchange
Report date	Purchased (1)	Sold (2)	Assets (3)	Liabilities (4)	Bought (5)	Written (6)	Bought (7)	Written (8)	equivalent (9)	rate (10)
2019 - Dec	119,978	156,168	419,532	240,205	5,216	4,731	6,979	4,235	n.a.	0.8907
2020 - Mar	130,902	158,097	382,290	238,619	5,922	7,220	8,181	4,094	n.a.	0.9078
June	110,528	137,567	405,125	235,074	11,006	8,743	8,475	5,323	1,127	0.8899
Sept	117,852	137,004	396,308	247,487	4,399	4,053	7,656	5,867	n.a.	0.8530
Dec	n.a.	n.a.	457,474	253,720	5,629	n.a.	n.a.	3,215	5	0.8177
2021 - Mar	116,311	152,858	458,038	249,171	4,771	5,112	11,218	7,102	-719	0.8516
June	126,660	156,997	426,336	261,396	6,094	6,700	10,693	5,108	630	0.8440
Sept	138,855	163,917	460,740	252,086	10,076	5,663	7,786	6,332	286	0.8638
Dec	138,274	177,886	482,381	267,220	7,422	4,261	9,926	7,880	6	0.8789
2022 - Mar	152,198	199,758	477,658	257,299	11,690	7,629	9,890	7,551	228	0.9015
June	157,904	214,408	500,648	278,382	11,373	4,967	7,943	8,306	781	0.9552

[In millions of euros. Source: Treasury Foreign Currency Reporting]

INTRODUCTION: Exchange Stabilization Fund

To stabilize the exchange value of the dollar, the Exchange Stabilization Fund (ESF) was established pursuant to chapter 6, section 10 of the Gold Reserve Act of January 30, 1934 codified at 31 United States Code 5302, which authorized establishment of a Treasury fund to be operated under the exclusive control of the Secretary, with approval of the President.

Subsequent amendment of the Gold Reserve Act modified the original purpose somewhat to reflect termination of the fixed exchange rate system.

Section 4027 of H.R. 748, the Coronavirus Aid, Relief, and Economic Security Act (CARES Act), enacted on March 27, 2020 as Pub. Law 116-136, appropriated \$500 billion to the ESF. The Consolidated Appropriations Act, 2021, subsequently rescinded \$479 billion of the \$500 billion appropriation provided to Treasury.

Resources of the fund include (a) Fund Balance, which is available to support subsidy costs for loan modifications and expenditures for administrative expenses in support of the CARES Act, (b) U.S. Government securities (dollar balances), (c) special drawing rights -SDRs, and (d) foreign currencies. Principal sources of income -+ or loss -- for the fund are profits -+ or losses -- on SDRs and foreign exchange, and interest earned on U.S Government, foreign securities, and SDRs.

Table ESF-1 presents the assets, liabilities, and capital of the fund. The figures are in U.S. dollars. Amounts and transactions pertaining to foreign currencies and special drawing rights, an international reserve asset created by the International Monetary Fund (IMF) to supplement its member countries' position in the Fund, have been converted to U.S. dollars based on current exchange rates computed according to the accrual method of accounting. Investments and loans receivable are reported at cost. The capital account represents the original capital appropriated to the fund by Congress of \$2 billion, minus a subsequent transfer of \$1.8 billion to pay for the initial U.S. quota subscription to the International Monetary Fund. The additional appropriated capital represents the amount appropriated under the CARES Act Sec 4027 minus transfers, expenditures for administrative and subsidy costs, and rescissions resulting from the passage of the Consolidated Appropriations Act, 2021 and the Infrastructure Investment and Jobs Act, 2021. Conversion gains and losses are reflected in the cumulative net income -+ or loss -- account.

• Table **ESF-2** shows the results of operations for the current quarter and year-to-date. Figures are in U.S. dollars computed according to the accrual method. "Profit -+ or loss -- on foreign exchange" includes realized profits or losses. "Adjustment for change in valuation of SDR holdings and allocations" reflects net gain or loss on revaluation of SDR holdings and allocations for the quarter. CARES Act related administrative costs incurred in connection with the loans, and other investments are accrued.

		June 30, 2022, through	
Assets, liabilities, and capital	June 30, 2022	Sept. 30, 2022	Sept. 30, 2022
Assets			
U.S. dollars:			
Held with Treasury:			
Fund Balance	4,468,486	(4,013,793)	454,693
U.S. Government securities	18,991,655	(590,266)	18,401,389
Special drawing rights 1	158,195,316	(5,020,155)	153,175,161
Economic Recovery Program Investments	17,939,733	-	17,939,733
Economic Recovery Program Loans Receivable	1,004,470	5,012	1,009,482
Foreign exchange and securities:		-	
European euro	11,212,966	(747,350)	10,465,616
Japanese yen	6,887,992	(429,176)	6,458,816
Accounts receivable	200,805	255,114	455,919
Total assets	218,901,423	(10,540,614)	208,360,809
Liabilities and capital			
Current liabilities:			
Accounts payable	168,709	236,890	405,599
Total current liabilities	168,709	236,890	405,599
Other liabilities:			
SDR certificates	5,200,000	-	5,200,000
SDR allocations	152,511,319	(5,501,885)	147,009,434
Debt, including accrued interest payable	18,880,352	593,264	19,473,616
Total other liabilities	176,591,671	(4,908,621)	171,683,050
	176,591,671	(4,908,621)	171,683,050
Capital:	176,591,671	(4,908,621)	, ,
		(4,908,621) - (4,570,805)	200,000
Capital: Initial Appropriated Capital Account	200,000	-	200,000 59,695
Capital: Initial Appropriated Capital Account Additional Appropriated Capital Account	200,000 4,630,500	(4,570,805)	171,683,050 200,000 59,695 (4,317,973) 36,272,160

TABLE ESF-1—Balances as of June 30, 2022, and September 30, 2022

[In thousands of dollars. Source: Office of the Assistant Secretary of the Treasury for Management]

See footnote on the following page.

[In thousands of dollars. Source: Office of the Assistant Secretary of the Treasury for Management]						
	Current quarter July 1, 2022, through September 30, 2022	Fiscal year to date Oct. 1, 2022 through September 30, 2022				
Income and expense						
Profit -+ or loss on:						
Foreign exchange	(1,165,756)	(3,851,460)				
Adjustment for change in valuation of SDR holdings and allocations ¹	(222,743)	(473,464)				
Interest (+) or net charges (-) on:						
SDRs	22,147	29,215				
U.S. Government Securities	102,504	141,766				
Foreign exchange	(2,920)	(34,312)				
Economic Recovery Program (+) or net charges (-) on:						
Appropriations Revenue	4,307	7,735				
Administrative Expense	(907)	(4,547)				
Facility Fees	-	-				
Net gain (loss) on Disposition of Investments	-					
Net Interest revenue and expense	(34,710)	(132,906)				
Income for operations	(1,298,078)	(4,317,973)				
Net income (+) or loss (-)	(1,298,078)	(4,317,973)				

TABLE ESF-2—Income and Expense

[In thousands of dollars. Source: Office of the Assistant Secretary of the Treasury for Management]

¹ Beginning July 1974, the International Monetary Fund adopted a technique for valuing the SDRs based on a weighted average of exchange rates for the currencies of selected member countries. The U.S. SDR holdings and allocations are valued on this basis beginning July 1974.

Note—Annual balance sheets for fiscal years 1934 through 1940 appeared in the 1940 "Annual Report of the Secretary of the Treasury" and those for succeeding years appeared in subsequent reports through 1980. Quarterly balance sheets beginning with December 31, 1938, have been published in the "Treasury Bulletin." Data from inception to September 30, 1978, may be found on the statements published in the January 1979 "Treasury Bulletin."



TABLE TF-6A.—Highway Trust Fund

The following information is released according to the provisions of the Byrd Amendment [codified at 26 United States Code 9503(d)] and represents data concerning the Highway Trust Fund.

The 48-month revenue estimates for the highway and mass transit accounts, respectively, include the latest estimates received from Treasury's Office of Tax Analysis for excise taxes, net of refunds.

Highway Account

[In billions of dollars. Source: DOT]					
Commitments (unobligated balances plus unpaid obligations, fiscal year 2023)	104				
less:					
Cash balance (fiscal year 2023)	81				
Unfunded authorizations (fiscal year 2023)	23				
48-month revenue estimate (fiscal years 2024, 2025, 2026, and 2027)	141				
	141				

Mass Transit Account

[In billions of dollars. Source: DOT]	
Commitments (unobligated balances plus unpaid obligations, fiscal year 2023)	51
less:	
Cash balance (fiscal year 2023)	32
Unfunded authorizations (fiscal year 2023)	19
48-month revenue estimate (fiscal years 2024, 2025, 2026, and 2027)	25

Note-

Note—Detail may not add due to rounding. Reflects extension of authorized revenue collection and funding levels prescribed in P.L. 117-58.

48-month revenue estimate reflects FY 2023 Midsession Review projections.

Glossary

With References to Applicable Sections and Tables

Source: Bureau of the Fiscal Service

Amounts outstanding and in circulation (USCC)—Includes all issues by the Bureau of the Mint purposely intended as a medium of exchange. Coins sold by the Bureau of the Mint at premium prices are excluded; however, uncirculated coin sets sold at face value plus handling charge are included.

Average discount rate (PDO-1, -2)—In Treasury bill auctions, purchasers tender competitive bids on a discount rate basis. The average discount rate is the weighted, or adjusted, average of all bids accepted in the auction.

Budget authority ("Federal Fiscal Operations")—Congress passes laws giving budget authority to Government entities, which gives the agencies the power to spend Federal funds. Congress can stipulate various criteria for the spending of these funds. For example, Congress can stipulate that a given agency must spend within a specific year, number of years, or any time in the future.

The basic forms of budget authority are appropriations, authority to borrow, contract authority, and authority to obligate and expend offsetting receipts and collections. The period of time during which Congress makes funds available may be specified as 1-year, multiple-year, or no-year. The available amount may be classified as either definite or indefinite; a specific amount or an unspecified amount can be made available. Authority also may be classified as current or permanent. Permanent authority requires no current action by Congress.

Budget deficit—The total, cumulative amount by which budget outlays (spending) exceed budget receipts (income).

Cash management bills (PDO-1)—Marketable Treasury bills of irregular maturity lengths, sold periodically to fund short-term cash needs of Treasury. Their sale, having higher minimum and multiple purchase requirements than those of other issues, is generally restricted to competitive bidders.

Competitive tenders ("Treasury Financing Operations")— A bid to purchase a stated amount of one issue of Treasury securities at a specified yield or discount. The bid is accepted if it is within the range accepted in the auction. (See Noncompetitive tenders.)

Currency no longer issued (USCC)—Old and new series gold and silver certificates, Federal Reserve notes, national bank notes, and 1890 Series Treasury notes.

Debt outstanding subject to limitation (FD-6)—The debt incurred by the Treasury subject to the statutory limit set by Congress. Until World War I, a specific amount of debt was authorized to each separate security issue. Beginning with the

Second Liberty Loan Act of 1917, the nature of the limitation was modified until, in 1941, it developed into an overall limit on the outstanding Federal debt.

Pursuant to 31 U.S.C. 3101(b). By the Continuing Appropriations Act, 2018 and Bipartisan Budget Act, 2018, Public Law 115-119, the Statutory Debt Limit was suspended through March 1, 2019.

Discount—The interest deducted in advance when purchasing notes or bonds. (See Accrued discount.)

Discount rate (PDO-1)—The difference between par value and the actual purchase price paid, annualized over a 360-day year. Because this rate is less than the actual yield (couponequivalent rate), the yield should be used in any comparison with coupon issue securities.

Dollar coins (USCC)—Include standard silver and nonsilver coins.

Domestic series (FD-2)—Nonmarketable, interest- and noninterest-bearing securities issued periodically by Treasury to the Resolution Funding Corporation (RFC) for investment of funds authorized under section 21B of the Federal Home Loan Bank Act (12 United States Code 1441b).

Federal intrafund transactions ("Federal Fiscal Operations")—Intrabudgetary transactions in which payments and receipts both occur within the same Federal fund group (Federal funds or trust funds).

Federal Reserve notes (USCC)—Issues by the U.S. Government to the public through the Federal Reserve banks and their member banks. They represent money owed by the Government to the public. Currently, the item "Federal Reserve notes—amounts outstanding" consists of new series issues. The Federal Reserve note is the only class of currency currently issued.

Foreign-targeted issue (PDO-2)—Foreign-targeted issues were notes sold between October 1984 and February 1986 to foreign institutions, foreign branches of U.S. institutions, foreign central banks or monetary authorities, or to international organizations in which the United States held membership. Sold as companion issues, they could be converted to domestic (normal) Treasury notes with the same maturity and interest rates. Interest was paid annually.

Government account series (FD-2)—Certain trust fund statutes require the Secretary of the Treasury to apply monies held by these funds toward the issuance of nonmarketable special securities. These securities are sold directly by Treasury to a specific Government agency, trust fund, or account. Their rate is based on an average of market yields on outstanding Treasury obligations, and they may be redeemed at the option of the holder. Roughly 80 percent of these are issued to five holders: the Federal Old-Age and Survivors Insurance Trust Fund; the civil service retirement and disability fund; the Federal Hospital Insurance Trust Fund; the military retirement fund; and the Unemployment Trust Fund.

Interfund transactions ("Federal Fiscal Operations")— Transactions in which payments are made from one fund group (either Federal funds or trust funds) to a receipt account in another group.

International Monetary Fund transactions ("Exchange Stabilization Fund", ESF-1)—(IMF) Established by the United Nations, the IMF promotes international trade, stability of exchange, and monetary cooperation. Members are allowed to draw from the fund.

Intrabudgetary transactions ("Federal Fiscal Operations")— These occur when payment and receipt both occur within the budget, or when payment is made from off-budget Federal entities whose budget authority and outlays are excluded from the budget totals.

Noncompetitive tenders ("Treasury Financing Opera-tions")—This is a tender or bid to purchase a stated par amount of securities at the highest yield or discount rate awarded to competitive bidders for a single-price auction.

Obligations ("Federal Fiscal Operations")—An unpaid commitment to acquire goods or services.

Off-budget Federal entities ("Federal Fiscal Operations")— Federally owned and controlled entities whose transactions are excluded from the budget totals under provisions of law. Their receipts, outlays, and surplus or deficit are not included in budget receipts, outlays, or deficits. Their budget authority is not included in totals of the budget.

Outlays ("Federal Fiscal Operations")—Payments on obligations in the form of cash, checks, the issuance of bonds or notes, or the maturing of interest coupons.

Par value—The face value of bonds or notes, including interest.

Quarterly financing ("Treasury Financing Operations")— Treasury has historically offered packages of several "coupon" security issues on the 15th of February, May, August, and November, or on the next working day. These issues currently consist of a 3-year note, a 10-year note, and a 30-year bond. Treasury sometimes offers additional amounts of outstanding long-term notes or bonds, rather than selling new security issues. (See Reopening.)

Fractional coins (USCC)—Coins minted in denominations of 50, 25, and 10 cents, and minor coins (5 cents and 1 cent).

Receipts ("Federal Fiscal Operations")—Funds collected from selling land, capital, or services, as well as collections from the public (budget receipts), such as taxes, fines, duties, and fees.

Reopening (PDO-2)—The offer for sale of additional amounts of outstanding issues, rather than an entirely new issue. A reopened issue will always have the same maturity date, CUSIP-number, and interest rate as the original issue.

Special drawing rights ("Exchange Stabilization Fund," ESF-1)—International assets created by IMF that serve to increase international liquidity and provide additional international reserves. SDRs may be purchased and sold among eligible holders through IMF. (See IMF.)

SDR allocations are the counterpart to SDRs issued by IMF based on members' quotas in IMF. Although shown in Exchange Stabilization Fund (ESF) statements as liabilities, they must be redeemed by ESF only in the event of liquidation of, or U.S. withdrawal from, the SDR department of IMF or cancellation of SDRs.

SDR certificates are issued to the Federal Reserve System against SDRs when SDRs are legalized as money. Proceeds of monetization are deposited into an ESF account at the Federal Reserve Bank of New York.

Spot ("Foreign Currency Positions")—Due for receipt or delivery within 2 workdays.

State and local government series (SLGS) (FD-2)—Special nonmarketable certificates, notes, and bonds offered to State and local governments as a means to invest proceeds from their own tax-exempt financing. Interest rates and maturities comply with IRS arbitrage provisions. SLGS are offered in both time deposit and demand deposit forms. Time deposit certificates have maturities of up to 1 year. Notes mature in 1 to 10 years and bonds mature in more than 10 years. Demand deposit securities are 1-day certificates rolled over with a rate adjustment daily.

Statutory debt limit (FD-6)—By Act of Congress there is a limit, either temporary or permanent, on the amount of public debt that may be outstanding. When this limit is reached, Treasury may not sell new debt issues until Congress increases or extends the limit. For a detailed listing of changes in the limit since 1941, see the Budget of the United States Government. (See debt outstanding subject to limitation.)

STRIPS (PDO-2)—Separate Trading of Registered Interest and Principal Securities. Long-term notes and bonds may be divided into principal and interest-paying components, which may be transferred and sold in amounts as small as \$1,000. STRIPS are sold at auction at a minimum par amount, varying for each issue. The amount is an arithmetic function of the issue's interest rate. **Treasury bills**—The shortest term Federal security (maturity dates normally varying from 3 to 12 months), are sold at a discount.

Trust fund transaction ("Federal Fiscal Operations")— An intrabudgetary transaction in which both payments and receipts occur within the same trust fund group. **United States**—Includes the 50 States, District of Columbia, Commonwealth of Puerto Rico, American Samoa, Midway Island, Virgin Islands, Wake Island, and all other territories and possessions.

U.S. notes (USCC)—Legal tender notes of five different issues: 1862 (\$5-\$1,000 notes); 1862 (\$1-\$2 notes); 1863 (\$5-\$1,000 notes); 1863 (\$1-\$10,000 notes); and 1901 (\$10 notes).