

Publication 6292

Fiscal Year Return Projections for the United States: 2020–2027

Fall 2020



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Online Availability of Forecasts

Forecasts from the most recent edition of this publication may be found on the IRS Internet site. The World Wide Web address is: www.irs.gov/statistics. From the Website, select "All Topics" in the "Products, Publications & Papers" section.

We thank our customers for their support as we continually seek to improve our products and services wherever possible. We welcome customer feedback at any time. Comments and suggestions regarding this publication can be directed to Timothy Castle, Chief, Servicewide Support Section, at (202) 803-9106.

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Overview

The Fall 2020 edition of IRS Publication 6292, *Fiscal Year Return Projections for the United States*, provides U.S.-level projections of the number of tax returns expected to be filed in Fiscal Year (FY) 2020 through FY 2027 by: (1) major return categories; and (2) business operating divisions.

Statistics of Income (SOI) staff within the IRS Research, Applied Analytics, and Statistics (RAAS) organization prepare these projections semiannually to incorporate changes in filing patterns, economic and demographic trends, legislative requirements, and IRS administrative processes.

Data Sources and Projections Methodology

IRS Data Sources

To develop projections for FY 2020 through FY 2027, SOI staff relied on data from the IRS Master File, which reports the historical number of returns processed and recorded each year. In cases where master file return counts were not available, SOI staff relied on data provided by program staff in the IRS operating divisions.

General Projections Methodology

SOI staff computed the projections presented here for the calendar year of filing, and then converted them to the corresponding fiscal year based on the historical quarterly filing experience. For some individual return series, SOI staff computed the projections based on quarterly historical data and then derived the fiscal year projections by adding the relevant four quarters.

The projections are derived from various statistical models that capture and extrapolate historical filing trends by unique form types and filing mediums. Most of the models use time series extrapolation methods, such as trended exponential smoothing. However, the projections for some return types are based on regression models that used the August 2020 economic and demographic variables provided by IHS Markit as key input factors. Additionally, where historical data were limited or nonexistent, such as for new e-file products, the filing pattern for a comparable return type was applied.

Adjustments Related to COVID-19 Pandemic and Economic Uncertainties

SOI staff performed an extensive research of U.S. laws and the IRS administrative processes that will impact the FY 2020 to FY 2027 tax return volumes. The staff's biggest challenges for this publication were determining how to deal with the tax provisions of the CARES Act of 2020 (e.g., the effect of Recovery Rebate Credits on filer behavior) and how to handle the extension of the April 15, 2020, tax filing and payment deadline due to the COVID-19 pandemic.

SOI staff incorporated some off-model adjustments using the information gathered from their research efforts. For example, staff adjusted the modeled individual tax return volumes to account for those taxpayers who traditionally are not required to file a return, but who will file solely to receive the Recovery Rebate Credit. This adjustment was guided, in part, by the filer behavior patterns during the 2008 stimulus package (the Economic Stimulus Act of 2008).

Nevertheless, the FY 2020 to FY 2027 projections presented in this publication are valid as of early-August 2020.

New Electronic Filing Option for Form 1040-X

On May 28, 2020, the IRS announced that taxpayers can submit an Amended *U.S. Individual Income Tax Return* (Form 1040-X) electronically using commercial tax-filing software, beginning August 2020. As e-filing has grown in the past 30 years, the Form 1040-X was one of the last major individual tax forms that was required to be filed on paper.

To develop the initial forecasts for the new electronic filing option for Form 1040-X, SOI staff researched past scenarios and taxpayer filing behavior patterns following the IRS launch of a new e-file option for other IRS forms. The behavior observed and the number of returns submitted electronically when past e-file options first became available is reflected in the electronic Form 1040-X projections, in the short term, which accounts for a standard diffusion curve. Alternatively, the volume of electronically filed 1040-X forms, in the long-run, depends on the taxpayers who file amended returns and the updates to the actual reports, effectively transitioning this methodology closer to forecasting within the trend model moving forward.

Summary of Significant Trends

A summary of the major trends for this edition of Publication 6292 are noted below:

Trends in the Grand Total Return Filings

As presented in Table 1, grand total return filings were 255.2 million in FY 2019, an increase of 0.5 percent over FY 2018. After FY 2019, grand total return filings are projected to grow at an average annual rate of 1.0 percent, reaching 276.1 million by FY 2027. The paper grand total return filings were 70.1 million in FY 2019, a decrease of 5.9 percent from the FY 2018 total. The electronic grand total return filings were 185.1 million in FY 2019, an increase of 3.1 percent over FY 2018. After FY 2019, electronic grand total return filings are projected to grow at an average annual rate of 2.3 percent.

Detail by Business Operating Division

Table 2 presents estimates of selected return filings by IRS Business Operating Division (BOD). The selected returns include total individual income tax returns, corporation income tax returns, partnership returns, employment returns, excise returns, and exempt organization returns. As applicable, these volumes are broken out by their operating division components: Wage and Investment (W&I), Small Business/Self-Employed (SB/SE), Large Business and International (LB&I), and Tax Exempt/Government Entities (TE/GE). Also included are the projected total filings of employee plan (EP) returns, including those processed by the Department of Labor, which comprise major return filings by taxpayers served by the TE/GE operating division.

Accuracy of Prior Projections

To measure the quality of our products and services, this section, along with Table 3, provides a brief analysis of the accuracy of prior projections. Using 4 years of actual data, from 2016 through 2019, Table 3 presents the accuracy of our national-level projections by major return categories. This analysis covers only the major return categories projected on a calendar-year basis and serves as a general measure for approximating the overall reliability of our U.S.-level return projections.

The table presents two measures of projection accuracy: (1) the mean absolute percent error (MAPE); and (2) the number of overprojections. The MAPE is computed as the average percentage projection error for the 4-year period, regardless of whether the projections were over or under the actual filings in each of the four projection cycles. In addition, the number of overprojections can show whether projections are consistently over- or underprojected. A value of "2" indicates balanced forecasts over the four cycles.

The table groups these two measures by time horizon. The time horizon is determined based on the year a forecast was made and the year projected. For example, a forecast for 2018 made in 2015 would be part of the "3-years-ahead" time horizon.

Table 1. Fiscal Year Projections of the Number of Returns To Be Filed with IRS, 2020–2027

| FY 2019 (1) | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
|-----------------|---|--|--|-----------------|--|------------------|--|--|
| (1) | | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| 255,249,983 | 259,995,800 | 262,654,300 | 262,198,400 | 266,071,100 | 269,317,000 | 271,832,000 | 274,012,600 | 276,063,400 |
| 70,139,157 | 65,824,200 | 64,284,600 | 62,386,500 | 60,297,800 | 58,770,300 | 56,913,200 | 55,399,300 | 53,670,700 |
| 185,110,826 | 194,171,600 | 198,369,700 | 199,811,900 | 205,773,400 | 210,546,700 | 214,918,800 | 218,613,300 | 222,392,600 |
| 226,640,486 | 230,983,300 | 232,845,500 | 232,002,400 | 235,019,500 | 237,647,800 | 239,546,300 | 241,110,100 | 242,667,500 |
| 154,094,555 | | 161,395,100 | 159,502,500 | | 164,692,400 | | | 168,846,100 |
| | | | | | | | | 167,743,100 |
| | | | | | | | | 10,346,300 |
| | | | | | | | | 157,396,800 |
| | | | | | | | | 985,80 |
| | 289.900 | 329,400 | 375,900 | 424.600 | 475,600 | 528,900 | 584.600 | 642.90 |
| | 157,300 | 150.800 | 144,600 | 138,700 | 133,000 | 127,500 | 122,200 | 117,20 |
| | | | | | | | | 38,70 |
| | | | | | | | | 20,647,400 |
| | | | | | | | | 20,321,000 |
| | | | | | | | | 326,40 |
| | | | | | | | | 3,243,30 |
| | | | | | | | | 454,600 |
| | | | | | | | | 2,788,700 |
| | | | | | | | | 785,10 |
| | | | | | | | | 4,976,300 |
| | | | | | | | | 110,700 |
| | | | | | | | | 4,865,700 |
| | | | | | | | | 7,691,800 |
| | | | | | | | | 959,800 |
| | | | | | | | | 6,732,000 |
| | | | | | | | | 1,621,600 |
| | | | | | | | | 183,000 |
| | | | | | | | | 1,438,600 |
| | | | | | | | | 9,100 |
| | | | | | | | | 56,400 |
| | | | | | | | | 18,800 |
| | | | | | | | | 37,600 |
| | | | | | | | | 292.80 |
| . , | | -, | ., | | , | , | , | 53,500 |
| | | | | | | | | 5,658,400 |
| | | | | | | | | 402,600 |
| | | | | | | | | 5,255,800 |
| | | | | | | | | 472,100 |
| | | | | | | | | 43,600 |
| | | | | | | | | 18,000 |
| | | | | | | | | 223,500 |
| | | | | | | | | 32,322,600 |
| | | | | | | | | 11,983,100 |
| | | | | | | | | 20,339,500 |
| | | | | | | | | 6,219,200 |
| | | | | | | | | 2,318,000 |
| | | | | | | | | 3,901,200 |
| | | | | | | | | 25,879,000 |
| | | | | | | | | 9,482,900 |
| | | | | | | | | 16,396,100 |
| | | | | | | | | 144,90 |
| | | | | | | | | 125,00 |
| | | | | | | | | 19,90 |
| | | | | | | | | 48,30 |
| | | | | | | | | 35,10 |
| | | | | | | | | 13,20 |
| | -, | | | | | , | , | |
| | | | | | | 37,200 29,600 | 33,300 25,000 | 29,40 20,30 |
| | | | | | | | | |
| 56,685 3,456 | 53,100 4,500 | 47,500 4,700 | 44,600 5,400 | 39,000 6,200 | 34,300 6,900 | 7,600 | 8,300 | 9,00 |
| | 70,139,157 185,110,826 226,640,486 154,094,555 153,130,682 15,927,227 137,203,455 802,006 274,110 161,867 38,564 22,225,590 21,979,975 245,6615 3,116,479 483,792 2,632,687 754,655 3,946,342 471,509 3,474,833 7,288,019 1,325,429 5,962,590 1,734,396 367,248 1,367,148 8,867 49,693 20,007 29,686 262,592 45,962,680 41,4565,766 494,412 41,323 25,742 239,618 31,513,501 16,796,117 14,717,384 6,071,206 3,247,976 2,833,230 25,133,391 13,261,014 11,872,377 181,252 170,756 10,496 65,706 57,881 7,825 60,141 | 70,139,157 185,110,826 185,110,826 194,171,600 226,640,486 230,983,300 154,094,555 160,423,600 153,130,682 159,443,000 15,927,227 15,029,800 802,006 823,400 274,110 289,900 161,867 157,300 28,854 38,700 21,979,975 20,456,000 245,615 235,600 3,116,479 3,113,600 483,792 2,632,687 2,583,200 754,655 725,400 3,946,342 4,274,100 471,509 336,500 3,474,833 3,937,600 1,325,429 1,155,900 1,367,248 1,404,000 8,857 9,100 1,367,148 1,404,000 8,857 9,100 29,686 31,100 262,592 254,800 1,366,567 5,186,557 5,104,800 245,617 1,367,618 1,41,200 1,325,429 1,155,900 1,367,148 1,404,000 8,857 9,100 1,367,148 1,404,000 8,857 9,100 20,007 19,660 29,686 31,100 262,592 254,800 45,592 45,590 45,597 5,104,800 45,924 45,500 45,597 45,800 1,733,300 1,734,396 1,744,800 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,367,148 1,404,000 1,406,000 1,45,924 45,500 1,466,5756 1,586,557 1,504,800 1,575,900 1,576,601 1,747,756 1,560,000 1,7825 1,33,391 1,266,200 1,77,625 1,400 1,400 1,2 | 70,139,157 65,824,200 64,284,600 185,110,826 194,171,600 198,369,700 154,994,555 160,423,600 161,395,100 153,130,682 159,443,000 160,399,500 15,927,227 15,029,800 143,736,400 802,006 823,400 146,023,100 802,006 823,400 844,800 274,110 289,900 329,400 161,867 157,300 38,564 38,700 38,564 38,700 38,700 22,225,590 20,691,700 21,068,600 245,615 235,600 245,615 235,600 245,615 235,600 245,615 235,600 253,000 3,116,479 3,113,600 3,173,200 483,792 530,400 581,500 2,632,687 2,583,200 2,591,700 471,509 336,500 3,474,833 3,937,600 4,146,600 7,288,019 7,119,800 7,288,019 7,119,800 1,335,429 1,155,900 1,336,500 3,67,248 251,000 263,900 1,367,148 1,404,000 1,414,12,400 8,857 9,100 9,100 1,367,148 1,404,000 1,412,400 4,9633 50,700 52,000 20,007 19,600 19,700 20,007 19,600 19,700 20,007 19,600 19,700 20,007 19,600 19,700 20,007 19,600 19,700 21,068,000 263,900 4,565,756 4,528,000 4,566,000 263,900 4,566,756 4,528,000 4,566,000 263,900 1,374,334 1,100 1,374,340 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,412,400 1,414,500 1,456,575 1,104,800 1,26,400 1,27,400 1 | T0,139,157 | 70,139,157 65,824,200 64,284,600 62,386,500 60,297,800 185,110,826 194,171,600 198,369,700 199,811,900 205,773,400 154,094,655 160,423,600 161,395,100 159,502,500 162,259,900 153,130,682 159,443,000 160,399,500 158,491,100 161,231,900 155,927,227 15,029,800 14,376,400 13,460,400 12,604,100 137,203,455 144,413,200 146,023,100 145,030,700 148,627,800 274,110 289,900 329,400 375,900 442,600 161,867 157,300 150,800 144,600 138,700 21,99,950 21,99,950 21,99,950 25,91,600 253,000 270,500 21,606,500 253,000 270,500 281,600 507,800 483,792 530,400 581,500 536,000 507,800 768,960 7 | T0,133,157 | 19,139,157 68,282,200 64,284,500 62,386,500 59,773,000 216,546,700 214,818,800 226,640,486 220,983,300 232,845,500 232,023,400 233,019,500 237,647,800 239,846,300 153,130,682 159,443,000 160,399,500 158,949,100 161,239,900 168,849,100 161,339,900 158,927,227 15,029,800 14,376,400 13,460,400 12,604,100 12,242,400 11,433,822,200 802,000 823,400 844,500 868,849,100 868,849,100 12,242,400 11,433,822,200 802,000 823,400 844,500 868,840 868,800 894,400 912,500 936,300 161,867 167,300 161,869 1 | Total Tota |

Footnotes are at end of table.

Table 1. Fiscal Year Projections of the Number of Returns To Be Filed with IRS, 2020-2027—Continued

| Type of Return | Actual— | | | | | | | | | |
|--|--------------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--|
| Type of Return | FY 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | |
| Withholding on Foreign Persons, Form 1042 | 52,672 | 55,800 | 54,800 | 57,500 | 59,400 | 60,700 | 62,100 | 63,500 | 65,000 | |
| Exempt Organizations, Total | 1,587,359 | 1,505,300 | 1,688,600 | 1,740,000 | 1,787,500 | 1,836,800 | 1,885,600 | 1,935,000 | 1,984,600 | |
| Paper Exempt Organizations, Total | 471,772 | 335,700 | 419,200 | 147,100 | 85,000 | 83,000 | 81,300 | 79,900 | 78,800 | |
| Electronic Exempt Organizations, Total | 1,115,587 | 1,169,700 | 1,269,400 | 1,592,900 | 1,702,600 | 1,753,800 | 1,804,200 | 1,855,100 | 1,905,800 | |
| Form 990, Total | 321,095 | 308,300 | 321,100 | 321,100 | 321,100 | 321,100 | 321,100 | 321,100 | 321,100 | |
| Paper Form 990 | 67,433 | 50,700 | 41,200 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Electronic Form 990 | 253,662 | 257,600 | 280,000 | 321,100 | 321,100 | 321,100 | 321,100 | 321,100 | 321,100 | |
| Form 990-EZ, Total | 241,899 | 229,800 | 253,200 | 260,000 | 266,700 | 273,500 | 280,300 | 287,100 | 293,900 | |
| Paper Form 990-EZ | 103,091 | 90,400 | 89,700 | 43,500 | 0 | 0 | 0 | 0 | | |
| Electronic Form 990-EZ | 138,808 | 139,300 | 163,500 | 216,500 | 266,700 | 273,500 | 280,300 | 287,100 | 293,900 | |
| Form 990-N** | 651,691 | 699,500 | 742,000 | 786,400 | 827,000 | 869,000 | 910,200 | 951,800 | 993,200 | |
| Form 990-PF, Total | 115,316 | 109,100 | 120,200 | 122,700 | 125,100 | 127,600 | 130,100 | 132,500 | 135,000 | |
| Paper Form 990-PF | 43,890 | 35,900 | 36,200 | 16,300 | 0 | 0 | 0 | 0 | | |
| Electronic Form 990-PF | 71,426 | 73,200 | 84,000 | 106,400 | 125,100 | 127,600 | 130,100 | 132,500 | 135,000 | |
| Form 990-T*** | 161,001 | 134,900 | 162,500 | 162,500 | 162,600 | 162,600 | 162,600 | 162,600 | 162,600 | |
| Form 4720 | 2,294 | 2,100 | 2,300 | 2,800 | 2,900 | 2,900 | 3,000 | 3,000 | 3,100 | |
| Form 5227 | 94,063 | 21,600 | 87,200 | 84,500 | 82,100 | 80,100 | 78,300 | 76,900 | 75,700 | |
| Form 1041-A | 6,831 | 6,300 | 6,700 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | |
| Government Entity/Bonds | 36,926 | 40,200 | 40,000 | 40,300 | 39,600 | 39,000 | 38,300 | 37,700 | 37,000 | |
| Form 8038 | 2,383 | 2,400 | 2,300 | 2,200 | 2,000 | 1,800 | 1,700 | 1,500 | 1,300 | |
| Form 8038-CP | 10,350 | 9,500 | 9,700 | 9,900 | 9,900 | 9,900 | 9,900 | 9,900 | 9,900 | |
| Form 8038-G | 17,518 | 21,100 | 21,000 | 21,300 | 21,100 | 20,800 | 20,600 | 20,300 | 20,100 | |
| Form 8038-GC | 6,249 | 6,700 | 6,600 | 6,500 | 6,300 | 6,000 | 5,800 | 5,500 | 5,300 | |
| Form 8038-T | 212 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | |
| Form 8038-TC | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C | |
| Form 8328 | 209 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | |
| Political Organizations, Total | 10,436 | 11,000 | 9,600 | 11,400 | 9,600 | 11,200 | 9,400 | 11,000 | 9,200 | |
| Form 1120-POL, Total | 4,119 | 3,900 | 4,000 | 3,900 | 3,800 | 3,600 | 3,500 | 3,400 | 3,200 | |
| Paper Form 1120-POL | 4,080 | 3,800 | 4,000 | 3,900 | 3,700 | 3,600 | 3,500 | 3,300 | 3,200 | |
| Electronic Form 1120-POL | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Form 8871**** | 3,255 | 3,700 | 3,400 | 3,900 | 3,600 | 4,000 | 3,700 | 4,100 | 3,800 | |
| Form 8872, Total | 3,062 | 3,400 | 2,200 | 3,500 | 2,200 | 3,500 | 2,200 | 3,500 | 2,200 | |
| Paper Form 8872 | 643 | 700 | 100 | 0 500 | 0 | 0 | 0 | 0 500 | 0 | |
| Electronic Form 8872 | 2,419 | 2,700 | 2,100 | 3,500 | 2,200 | 3,500 | 2,200 | 3,500 | 2,200 | |
| Excise, Total | 1,074,480 | 1,053,100 | 1,089,600 | 1,105,900 | 1,115,900 | 1,126,300 | 1,136,400 | 1,146,500 | 1,156,700 | |
| Form 11-C | 4,193 | 4,200 | 4,100 182,600 | 3,900 | 3,700 178,700 | 3,500 | 3,300 | 3,100 | 2,900 | |
| Form 720, Total Paper Form 720 | 187,734 185,671 | 178,400 175,900 | 179,900 | 181,400 178,500 | 175,500 | 176,000 172,500 | 173,300 169,500 | 170,500 166,600 | 167,800 163,600 | |
| Electronic Form 720 | 2,063 | 2,400 | 2,700 | 3,000 | 3,200 | 3,500 | 3,700 | 4,000 | 4,200 | |
| Form 730 | 21,859 | 21,200 | 21,100 | 20,700 | 20,000 | 19,400 | 18,700 | 18,000 | 17,400 | |
| Form 2290, Total | 838,701 | 826,300 | 857,500 | 875,200 | 888,800 | 902,700 | 916,400 | 930,200 | 943,900 | |
| Paper Form 2290 | 209,698 | 186,800 | 184,000 | 182,500 | 182,300 | 183,500 | 185,300 | 187,600 | 190,100 | |
| Electronic Form 2290 | 629,003 | 639,600 | 673,500 | 692,700 | 706,400 | 719,200 | 731,000 | 742,600 | 753,800 | |
| Form 8849, Total | 21,993 | 23,000 | 24,300 | 24,700 | 24,700 | 24,700 | 24,700 | 24,700 | 24,700 | |
| Paper Form 8849 | 17,460 | 18,000 | 19,000 | 19,200 | 18,900 | 18,700 | 18,400 | 18,100 | 17,800 | |
| Electronic Form 8849 | 4,533 | 5,000 | 5,300 | 5,500 | 5,800 | 6,100 | 6,400 | 6,600 | 6,900 | |
| Excise Taxes re Employee Plans, Form 5330 | 20.696 | 20.700 | 21.000 | 21,300 | 21,300 | 21,300 | 21,300 | 21,300 | 21,300 | |
| Form 5500-EZ, One-Participant Retirement Plans | 86,392 | 93,300 | 96,300 | 98,800 | 98,800 | 98,800 | 98,800 | 98,800 | 98,800 | |
| Payment or Refund Under Sec. 7519, Form 8752 | 24,458 | 19,100 | 22,600 | 21,900 | 21,100 | 20,400 | 19,600 | 18,800 | 18,100 | |
| Supplemental Documents, Total | 28,609,497 | 29,012,400 | 29,808,800 | 30,195,800 | 31,051,800 | 31,669,100 | 32,285,800 | 32,902,500 | 33,395,900 | |
| Form 1040-X, Total | 3,123,786 | 3,374,800 | 3,283,400 | 3,214,000 | 3,144,700 | 3,076,100 | 3,007,300 | 2,938,600 | 2,746,800 | |
| Paper Form 1040-X | 3,123,786 | 3,334,000 | 1,777,800 | 1,652,500 | 1,537,300 | 1,466,300 | 1,390,400 | 1,312,500 | 1,148,500 | |
| Electronic Form 1040-X***** | N/A | 40,800 | 1,505,600 | 1,561,500 | 1,607,400 | 1,609,800 | 1,616,900 | 1,626,200 | 1,598,300 | |
| Form 4868, Total | 15,707,071 | 16,366,200 | 16,559,200 | 16,752,200 | 17,423,200 | 17,856,100 | 18,288,900 | 18,721,800 | 19,154,600 | |
| Paper Form 4868 | 4,063,801 | 4,248,000 | 3,793,300 | 3,338,500 | 3,077,500 | 2,816,400 | 2,555,400 | 2,294,300 | 2,033,300 | |
| Electronic Form 4868 | 11,643,270 | 12,118,200 | 12,765,900 | 13,413,700 | 14,345,700 | 15,039,600 | 15,733,500 | 16,427,400 | 17,121,300 | |
| Form 1120-X | 12,357 | 13,500 | 13,800 | 13,800 | 13,800 | 13,800 | 13,800 | 13,800 | 13,800 | |
| Form 5558 | 520,654 | 438,600 | 529,500 | 543,400 | 553,200 | 563,000 | 572,800 | 582,600 | 592,300 | |
| Form 7004, Total | 8,332,678 | 8,184,400 | 8,806,900 | 9,009,500 | 9,203,500 | 9,396,300 | 9,588,700 | 9,780,900 | 9,973,200 | |
| Paper Form 7004 | 1,566,146 | 1,271,800 | 1,312,600 | 1,294,000 | 1,256,800 | 1,218,500 | 1,184,300 | 1,155,200 | 1,131,000 | |
| Electronic Form 7004 | 6,766,532 | 6,912,700 | 7,494,300 | 7,715,500 | 7,946,700 | 8,177,800 | 8,404,400 | 8,625,700 | 8,842,100 | |
| Form 8868, Total | 912,951 | 634,900 | 616,000 | 662,900 | 713,400 | 763,900 | 814,300 | 864,800 | 915,200 | |
| | 540.004 | 040.000 | | | | | | | | |
| Paper Form 8868 | 518,064 | 213,200 | 165,700 | 184,100 | 205,900 | 227,800 | 249,700 | 271,600 | 293,400 | |

Table 2. Selected Fiscal Year Return Filing Estimates by Business Operating Division (BOD), 2020–2027

| T (D.) (DD) | Actual— | Actual— Projected | | | | | | | |
|--|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Type of Return/BOD | FY 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| Individual Income Tax, Total | 153,130,682 | 159,443,000 | 160,399,500 | 158,491,100 | 161,231,900 | 163,646,900 | 165,315,800 | 166,554,500 | 167,743,100 |
| Small Business/Self-Employed | 43,238,735 | 47,249,100 | 48,180,700 | 48,153,000 | 49,479,700 | 50,678,100 | 51,622,700 | 52,413,000 | 53,170,400 |
| Wage and Investment | 109,891,947 | 112,193,900 | 112,218,800 | 110,338,000 | 111,752,100 | 112,968,800 | 113,693,100 | 114,141,500 | 114,572,700 |
| Corporation Income Tax, Total | 7,288,019 | 7,119,900 | 7,338,700 | 7,398,600 | 7,448,700 | 7,508,400 | 7,568,700 | 7,630,300 | 7,691,800 |
| Small Business/Self-Employed | 7,085,040 | 6,919,900 | 7,134,200 | 7,191,800 | 7,241,000 | 7,299,400 | 7,358,500 | 7,418,700 | 7,479,000 |
| Large Business and International | 192,514 | 189,900 | 194,200 | 196,500 | 197,500 | 198,800 | 200,000 | 201,300 | 202,500 |
| Tax Exempt/Government Entities | 10,465 | 10,100 | 10,300 | 10,200 | 10,200 | 10,200 | 10,300 | 10,300 | 10,300 |
| Partnership Returns, Total | 3,946,342 | 4,274,100 | 4,419,900 | 4,522,400 | 4,598,000 | 4,669,400 | 4,745,000 | 4,858,000 | 4,976,300 |
| Small Business/Self-Employed | 3,754,067 | 4,065,800 | 4,204,600 | 4,302,100 | 4,373,900 | 4,441,900 | 4,513,800 | 4,621,300 | 4,733,900 |
| Large Business and International | 191,875 | 207,800 | 214,900 | 219,900 | 223,600 | 227,000 | 230,700 | 236,200 | 242,000 |
| Tax Exempt/Government Entities | 400 | 400 | 400 | 500 | 500 | 500 | 500 | 500 | 500 |
| Employment Tax, Total | 31,513,501 | 31,093,700 | 30,924,400 | 31,329,700 | 31,547,400 | 31,696,000 | 31,859,800 | 32,074,500 | 32,322,600 |
| Small Business/Self-Employed | 28,671,583 | 28,298,100 | 28,134,000 | 28,503,800 | 28,703,800 | 28,838,600 | 28,988,200 | 29,185,700 | 29,413,500 |
| Large Business and International | 788,123 | 778,000 | 772,300 | 782,200 | 787,000 | 790,200 | 793,700 | 798,700 | 804,400 |
| Tax Exempt/Government Entities | 2,053,795 | 2,017,700 | 2,018,100 | 2,043,800 | 2,056,600 | 2,067,200 | 2,077,800 | 2,090,200 | 2,104,600 |
| Excise, Total | 1,074,480 | 1,053,100 | 1,089,600 | 1,106,000 | 1,116,000 | 1,126,300 | 1,136,400 | 1,146,600 | 1,156,700 |
| Small Business/Self-Employed | 938,103 | 921,000 | 953,900 | 970,000 | 980,800 | 992,000 | 1,002,900 | 1,014,000 | 1,025,000 |
| Large Business and International | 94,059 | 91,400 | 94,300 | 95,000 | 94,800 | 94,700 | 94,600 | 94,500 | 94,400 |
| Tax Exempt/Government Entities | 42,318 | 40,700 | 41,400 | 41,100 | 40,300 | 39,600 | 38,800 | 38,100 | 37,300 |
| Exempt Organization, Total | 1,587,359 | 1,505,300 | 1,688,600 | 1,740,000 | 1,787,500 | 1,836,800 | 1,885,600 | 1,935,000 | 1,984,600 |
| Tax Exempt/Government Entities | 1,587,359 | 1,505,300 | 1,688,600 | 1,740,000 | 1,787,500 | 1,836,800 | 1,885,600 | 1,935,000 | 1,984,600 |
| Employee Plans, Forms 5500, 5500EZ, and 5500SF | 904,167 | 908,900 | 919,300 | 929,000 | 937,900 | 946,200 | 953,900 | 961,000 | 967,500 |
| Tax Exempt/Government Entities | 904,167 | 908,900 | 919,300 | 929,000 | 937,900 | 946,200 | 953,900 | 961,000 | 967,500 |

Tax Exempts overnment entures

NOTEs: Detail may not add to total due to rounding. See Table Notes page for definitions of "Type of Return/BOD."

SOURCE: Internal Revenue Service, Statistics of Income Division, Fall 2020 Publication 6292.

Table 3. Accuracy Measures for U.S. Forecasts of Major Return Categories—Mean Absolute Percent Error (MAPE) and Number of Overprojections for the Four Most Recent Projection Cycles

| | | | Projection Error | on Forecasts for: | | |
|---------------------------------|---------------|--------|------------------|-------------------|---------|---------|
| Item | Calendar Year | 1 Year | 2 Years | 3 Years | 4 Years | 5 Years |
| | 2019 Actual* | Ahead | Ahead | Ahead | Ahead | Ahead |
| | (thousands) | N=4 | N=4 | N=4 | N=4 | N=4 |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Grand Total—Selected Returns* | 256,216 | | | | | |
| MAPE | | 0.70% | 1.30% | 1.41% | 1.64% | 1.68% |
| Number of Overprojections | | 3 | 2 | 3 | 4 | 4 |
| Grand Total—Paper | 72,766 | - | | | | |
| MAPE | , | 3.66% | 5.05% | 5.24% | 6.19% | 9.68% |
| Number of Overprojections | | 2 | 3 | 4 | 4 | 4 |
| Grand Total—E-file | 183,450 | | | | | |
| MAPE | , | 0.98% | 1.37% | 1.49% | 0.79% | 1.87% |
| Number of Overprojections | | 1 | 2 | 1 | 1 | 1 |
| Total Primary—Selected Returns* | 227,622 | | | | | |
| MAPE | , i | 0.54% | 1.08% | 1.43% | 1.95% | 2.03% |
| Number of Overprojections | | 2 | 3 | 4 | 4 | 4 |
| Primary Total—Paper | 60,312 | | | | | |
| MAPE | | 1.50% | 2.74% | 4.73% | 7.54% | 11.07% |
| Number of Overprojections | | 3 | 2 | 4 | 4 | 4 |
| Primary Total—E-file | 167,309 | | | | | |
| MAPE | , | 0.51% | 0.61% | 0.65% | 0.57% | 1.63% |
| Number of Overprojections | | 1 | 2 | 3 | 1 | 1 |
| ndividual Total | 153,463 | | | | | |
| MAPE | | 0.64% | 0.73% | 1.33% | 1.93% | 2.48% |
| Number of Overprojections | | 3 | 3 | 4 | 4 | 4 |
| Individual Total—Paper | 15,964 | | | | | |
| MAPE | | 2.11% | 3.11% | 5.01% | 9.19% | 15.19% |
| Number of Overprojections | | 3 | 2 | 2 | 2 | 4 |
| Individual Total—E-file | 137,499 | | | | | |
| MAPE | | 0.44% | 1.10% | 1.50% | 1.65% | 1.71% |
| Number of Overprojections | | 1 | 3 | 3 | 3 | 3 |
| ndividual Estimated Tax | 22,280 | | | | | |
| MAPE | | 3.03% | 5.25% | 7.43% | 9.74% | 8.70% |
| Number of Overprojections | | 2 | 3 | 4 | 4 | 4 |
| Fiduciary Total | 3,158 | | | | | |
| MAPE | | 1.39% | 2.72% | 3.72% | 4.05% | 4.62% |
| Number of Overprojections | | 2 | 3 | 4 | 3 | 3 |
| Partnership Total | 4,315 | | | | | |
| MAPE | | 0.81% | 1.38% | 2.47% | 5.21% | 5.81% |
| Number of Overprojections | | 2 | 1 | 0 | 0 | 0 |
| Corporation Total | 7,340 | | | | | |
| MAPE | | 1.41% | 0.64% | 2.55% | 4.10% | 6.86% |
| Number of Overprojections | | 2 | 1 | 1 | 0 | 1 |
| Employment Total | 31,584 | | | | | |
| MAPE | | 0.65% | 1.17% | 1.73% | 1.49% | 2.45% |
| Number of Overprojections | | 1 | 1 | 1 | 2 | 1 |
| Exempt Organization Total | 1,650 | | | | | |
| MAPE | | 3.13% | 3.98% | 3.92% | 6.71% | 5.23% |
| Number of Overprojections | | 3 | 3 | 3 | 4 | 3 |
| Excise Total | 1,075 | | | | | |
| MAPE | | 0.51% | 1.41% | 2.32% | 1.94% | 8.03% |
| Number of Overprojections | | 2 | 2 | 1 | 0 | 0 |

^{*} Some actuals shown in this table may differ from official counts reported elsewhere because they exclude certain return series only recently projected and whose accuracy cannot yet be evaluated. SOURCE: Internal Revenue Service, Statistics of Income Division, Fall 2020 Publication 6292.

Table Notes

- Detail may not add to total due to rounding.
- Projected return counts are rounded to the nearest hundred; therefore, counts of 49 or fewer are rounded to 0. However, some forms may report zero filings because they are associated with only selected areas, or because their filing options were recently established or eliminated.
- Actual and projected return counts for the major categories are based on IRS Master File processing, as recorded in the electronic versions of the Report of Returns Posted to the IRS Master Files.

Table 1:

- "Grand Total" is the sum of "Total Primary Returns" and "Supplemental Documents." The "Total Primary Returns" category is the sum of all forms shown in the table, excluding "Supplemental Documents."
- "Individual Income Tax, Total" is the sum of paper and electronic Forms 1040, 1040-A, 1040-EZ, 1040-SR, 1040-NR, 1040-NR-EZ, 1040-PR, 1040-SS, and 1040-C. Forms 1040, 1040-A, and 1040-EZ were replaced with a new, streamlined Form 1040 beginning with Filing Year 2019. Additionally, Form 1040-SR is a new tax return form for seniors that became available in Filing Year 2020. Refer to Publication 6187, Calendar Year Projections of Individual Returns by Major Processing Categories, for projections and more information on Form 1040-SR.
- "Individual Estimated Tax, Form 1040-ES" includes both paper and electronic Form 1040-ES. Various return categories, such as Form 1040-ES and other business and individual returns, include line items to account for alternative tax-filing methods. The "paper-only" components can be derived by subtracting the electronic counts from their respective return totals.
- "Fiduciary, Form 1041, Total" includes both paper and electronic Form 1041.
- "Fiduciary Estimated Tax, Form 1041-ES" is the Estimated Income Tax for Estates and Trusts.
- "Partnership, Forms 1065/1065-B, Total" includes both paper and electronic Forms 1065 and 1065-B.
- "Corporation Income Tax, Total" includes Forms 1120 (paper and electronic), 1120-C, 1120-F (paper and electronic), 1120-H, 1120-FSC, 1120-L, 1120-ND, 1120-PC, 1120-REIT, 1120-RIC, 1120-SF, and 1120-S (paper and electronic). Form 1120-POL volumes are reported separately under the forms for "Political Organizations." Form 1120-IC-DISC is not included in these corporation projections.
- "Form 2553" is the *Election by a Small Business Corporation* (to file Form 1120-S).
- "Form 1066" is the U.S. Real Estate Mortgage Investment Conduit (REMIC) Income Tax Return.
- "Estate" includes Forms 706, 706-NA, 706-GS(D), and 706-GS(T).
- "Gift, Form 709" is the United States Gift (and Generation-Skipping Transfer) Tax Return.
- "Employment Tax, Total" includes paper and electronic Forms 940, 940-EZ, 940-PR, 941, 941-PR, 941-SS, 943, 943-PR, 943-SS, 944, 945, and CT-1. CT-2 is excluded since the return counts were only available on the non-master file.

- "Form 1042" is the *Annual Withholding Tax Return for U.S. Source Income of Foreign Persons*. This form is assigned to the International area. It is sometimes considered an employment tax return but is listed separately here.
- "Exempt Organizations, Total" includes Forms 990 (paper and electronic), 990-EZ (paper and electronic), 990-N (only available electronically), 990-PF (paper and electronic), 990-T, 4720, and 5227. Beginning in Tax Year 2021, the Form 990 series must be filed electronically. Temporary waivers will be available for small business filers.
- "Form 1041-A" is the U.S. Information Return, Trust Accumulation of Charitable Amounts.
- "Government Entities/Bonds" includes Forms 8038, 8038-CP, 8038-G, 8038-G, 8038-T, 8038-TC, and 8328.
- "Political Organizations, Total" includes Forms 1120-POL (paper and electronic), 8871 (only available electronically), and 8872 (paper and electronic). Beginning in Tax Year 2021, Form 8872 must be filed electronically. Temporary waivers will be available for small business filers.
- "Excise, Total" includes Forms 11-C, 720 (paper and electronic) 730, 2290 (paper and electronic), and 8849 (paper and electronic).
- "Form 5330" is the Return of Excise Taxes Related to Employee Benefit Plans.
- "Form 5500-EZ" is the Annual Return for One-Participant (Owners and Their Spouses) Retirement Plan.
- "Form 8752" is the Required Payment or Refund Under Section 7519.
- "Supplemental Documents" consists mainly of applications for extensions of time to file and amended tax returns, which include Forms 1040-X (paper and electronic), 4868 (paper and electronic), 1120-X, 5558, 7004 (paper and electronic), and 8868 (paper and electronic). In August 2020, the IRS began allowing taxpayers to file Form 1040-X electronically.

Table 2:

- Individual filers classified as "Small Business/Self-Employed" reflect those taxpayers filing a
 Form 1040 return with a Schedule C, Schedule F, Schedule E, and/or Form 2106 attached, or
 with mailing addresses or forms considered "International." All other individual filers are classified as "Wage and Investment."
- In general, corporation filers (Form 1120 series returns including Form 1120-S) and partner-ship filers are classified as "Large Business and International" if their reported total assets are \$10 million or more. Corporation and partnership returns with assets below \$10 million are generally classified as "Small Business/Self-Employed." However, there are also some partnership and corporation returns classified as part of the "Tax Exempt/Government Entities" operating division.
- Nonprofit organizations, pension plan filers, tribal authorities, and governmental units comprise the "Tax Exempt/Government Entities" classification.
- "Employee Plans" returns include paper and electronic Forms 5500, 5500-EZ, and 5500-SF.
 Counts by operating division in this table are based primarily upon the IRS Master File "BOD indicator." This indicator is a single, point-in-time, taxpayer-level identifier (in contrast to a return-by-return identifier).

Other Projection Publications

| Title | IRS Publication Number | Typical Updates |
|---|---------------------------|-----------------|
| Fiscal Year Return Projections for the United States | 6292 | Spring & Fall |
| Calendar Year Projections of Information and Withholding Documents for the United States and IRS Campuses | 6961 | Summer |
| Calendar Year Return Projections for the United States and IRS Campuses | 6186 | Fall |
| Calendar Year Projections of Individual Returns by Major Processing Categories | 6187 | Fall |
| Calendar Year Return Projections by State | 6149 | Winter |

These publications are available electronically as noted on page iii of this report at www.irs.gov/statistics.