

C. Revenue Loss

Recipients may use payments from the Fiscal Recovery Funds for the provision of government services to the extent of the reduction in revenue experienced due to the COVID-19 public health emergency.¹⁰⁸ Pursuant to sections 602(c)(1)(C) and 603(c)(1)(C) of the Act, a recipient's reduction in revenue is measured relative to the revenue collected in the most recent full fiscal year prior to the emergency.

Many State, local, and Tribal governments are experiencing significant budget shortfalls, which can have a devastating impact on communities. State government tax revenue from major sources were down 4.3 percent in the six months ended September 2020, relative to the same period 2019.¹⁰⁹ At the local level, nearly 90 percent of cities have reported being less able to meet the fiscal needs of their communities and, on average, cities expect a double-digit decline in general fund revenues in their fiscal year 2021.¹¹⁰ Similarly, surveys of Tribal governments and Tribal enterprises found majorities of respondents reporting substantial cost increases and revenue decreases, with Tribal governments reporting reductions in healthcare, housing, social services, and economic development activities as a result of reduced revenues.¹¹¹ These budget shortfalls are particularly problematic in the current environment, as State, local, and Tribal governments work to mitigate and contain the COVID-19 pandemic and help citizens weather the economic downturn.

¹⁰⁸ ARPA, *supra* note 16.

¹⁰⁹ Major sources include personal income tax, corporate income tax, sales tax, and property tax. *See* Lucy Dadayan., States Reported Revenue Growth in July - September Quarter, Reflecting Revenue Shifts from the Prior Quarter, State Tax and Econ. Rev. (Q. 3, 2020), *available at* https://www.urban.org/sites/default/files/publication/103938/state-tax-and-economic-review-2020-q3_0.pdf

¹¹⁰ National League of Cities, City Fiscal Conditions (2020), *available at* https://www.nlc.org/wp-content/uploads/2020/08/City_Fiscal_Conditions_2020_FINAL.pdf

¹¹¹ Surveys conducted by the Center for Indian Country Development at the Federal Reserve Bank of Minneapolis in March, April, and September 2020. *See* Moreno & Sobrepena, *supra* note 73.

Further, State, local, and Tribal government budgets affect the broader economic recovery. During the period following the 2007-2009 recession, State and local government budget pressures led to fiscal austerity that was a significant drag on the overall economic recovery.¹¹² Inflation-adjusted State and local government revenue did not return to the previous peak until 2013,¹¹³ while State, local, and Tribal government employment did not recover to its prior peak for over a decade, until August 2019 – just a few months before the COVID-19 public health emergency began.¹¹⁴

Sections 602(c)(1)(C) and 603(c)(1)(C) of the Act allow recipients facing budget shortfalls to use payments from the Fiscal Recovery Funds to avoid cuts to government services and, thus, enable State, local, and Tribal governments to continue to provide valuable services and ensure that fiscal austerity measures do not hamper the broader economic recovery. The interim final rule implements these provisions by establishing a definition of “general revenue” for purposes of calculating a loss in revenue and by providing a methodology for calculating revenue lost due to the COVID-19 public health emergency.

¹¹² See, e.g., Fitzpatrick, Haughwout & Setren, Fiscal Drag from the State and Local Sector?, Liberty Street Economics Blog, Federal Reserve Bank of New York (June 27, 2012), <https://www.libertystreeteconomics.newyorkfed.org/2012/06/fiscal-drag-from-the-state-and-local-sector.html>; Jiri Jonas, Great Recession and Fiscal Squeeze at U.S. Subnational Government Level, IMF Working Paper 12/184, (July 2012), available at <https://www.imf.org/external/pubs/ft/wp/2012/wp12184.pdf>; Gordon, *supra* note 9.

¹¹³ State and local government general revenue from own sources, adjusted for inflation using the GDP price index. U.S. Census Bureau, Annual Survey of State Government Finances and U.S. Bureau of Economic Analysis, National Income and Product Accounts,

¹¹⁴ U.S. Bureau of Labor Statistics, All Employees, State Government [CES9092000001] and All Employees, Local Government [CES9093000001], retrieved from FRED, Federal Reserve Bank of St. Louis, <https://fred.stlouisfed.org/series/CES9092000001> and <https://fred.stlouisfed.org/series/CES9093000001> (last visited Apr. 27, 2021).

General Revenue. The interim final rule adopts a definition of “general revenue” based largely on the components reported under “General Revenue from Own Sources” in the Census Bureau’s Annual Survey of State and Local Government Finances, and for purposes of this interim final rule, helps to ensure that the components of general revenue would be calculated in a consistent manner.¹¹⁵ By relying on a methodology that is both familiar and comprehensive, this approach minimizes burden to recipients and provides consistency in the measurement of general revenue across a diverse set of recipients.

The interim final rule defines the term “general revenue” to include revenues collected by a recipient and generated from its underlying economy and would capture a range of different types of tax revenues, as well as other types of revenue that are available to support government services.¹¹⁶ In calculating revenue, recipients should sum across all revenue streams covered as general revenue. This approach minimizes the administrative burden for recipients, provides for greater consistency across recipients, and presents a more accurate representation of the overall impact of the COVID-19 public health emergency on a recipient’s revenue, rather than relying on financial reporting prepared by each recipient, which vary in methodology used and which generally aggregates revenue by purpose rather than by source.¹¹⁷

¹¹⁵ U.S. Census Bureau, Annual Survey of State and Local Government Finances, <https://www.census.gov/programs-surveys/gov-finances.html> (last visited Apr. 30, 2021).

¹¹⁶ The interim final rule would define tax revenue in a manner consistent with the Census Bureau’s definition of tax revenue, with certain changes (i.e., inclusion of revenue from liquor stores and certain intergovernmental transfers). Current charges are defined as “charges imposed for providing current services or for the sale of products in connection with general government activities.” It includes revenues such as public education institution, public hospital, and toll revenues. Miscellaneous general revenue comprises of all other general revenue of governments from their own sources (i.e., other than liquor store, utility, and insurance trust revenue), including rents, royalties, lottery proceeds, and fines.

¹¹⁷ Fund-oriented reporting, such as what is used under the Governmental Accounting Standards Board (GASB), focuses on the types of uses and activities funded by the revenue, as opposed to the economic activity from which the revenue is sourced. See Governmental Accounting Standards Series, Statement No. 54 of the Governmental Accounting Standards Board: Fund Balance Reporting and Governmental Fund Type Definitions, No. 287-B (Feb. 2009).

Consistent with the Census Bureau’s definition of “general revenue from own sources,” the definition of general revenue in the interim final rule would exclude refunds and other correcting transactions, proceeds from issuance of debt or the sale of investments, and agency or private trust transactions. The definition of general revenue also would exclude revenue generated by utilities and insurance trusts. In this way, the definition of general revenue focuses on sources that are generated from economic activity and are available to fund government services, rather than a fund or administrative unit established to account for and control a particular activity.¹¹⁸ For example, public utilities typically require financial support from the State, local, or Tribal government, rather than providing revenue to such government, and any revenue that is generated by public utilities typically is used to support the public utility’s continued operation, rather than being used as a source of revenue to support government services generally.

The definition of general revenue would include all revenue from Tribal enterprises, as this revenue is generated from economic activity and is available to fund government services. Tribes are not able to generate revenue through taxes in the same manner as State and local governments and, as a result, Tribal enterprises are critical sources of revenue for Tribal governments that enable Tribal governments to provide a range of services, including elder care, health clinics, wastewater management, and forestry.

¹¹⁸ *Supra* note 116.

Finally, the term “general revenue” includes intergovernmental transfers between State and local governments, but excludes intergovernmental transfers from the Federal Government, including Federal transfers made via a State to a local government pursuant to the CRF or as part of the Fiscal Recovery Funds. States and local governments often share or collect revenue on behalf of one another, which results in intergovernmental transfers. When attributing revenue to a unit of government, the Census Bureau’s methodology considers which unit of government imposes, collects, and retains the revenue and assigns the revenue to the unit of government that meets at least two of those three factors.¹¹⁹ For purposes of measuring loss in general revenue due to the COVID-19 public health emergency and to better allow continued provision of government services, the retention and ability to use the revenue is a more critical factor. Accordingly, and to better measure the funds available for the provision of government services, the definition of general revenue would include intergovernmental transfers from States or local governments other than funds transferred pursuant to ARPA, CRF, or another Federal program. This formulation recognizes the importance of State transfers for local government revenue.¹²⁰

Calculation of Loss. In general, recipients will compute the extent of the reduction in revenue by comparing actual revenue to a counterfactual trend representing what could have been expected to occur in the absence of the pandemic. This approach measures losses in revenue relative to the most recent fiscal year prior to the COVID-19 public health emergency by using the most recent pre-pandemic fiscal year as the starting point for estimates of revenue growth absent the pandemic. In other words, the counterfactual trend starts with the last full fiscal year prior to the COVID-19 public health emergency and then assumes growth at a constant rate in the subsequent years. Because recipients can estimate the revenue shortfall at

¹¹⁹ U.S. Census Bureau, Government Finance and Employment Classification Manual (Dec. 2000), <https://www2.census.gov/govs/class/classfull.pdf>

¹²⁰ For example, in 2018, state transfers to localities accounted for approximately 27 percent of local revenues. U.S. Census Bureau, Annual Survey of State and Local Government Finances, Table 1 (2018), <https://www.census.gov/data/datasets/2018/econ/local/public-use-datasets.html>.

multiple points in time throughout the covered period as revenue is collected, this approach accounts for variation across recipients in the timing of pandemic impacts.¹²¹ Although revenue may decline for reasons unrelated to the COVID-19 public health emergency, to minimize the administrative burden on recipients and taking into consideration the devastating effects of the COVID-19 public health emergency, any diminution in actual revenues relative to the counterfactual pre-pandemic trend would be presumed to have been due to the COVID-19 public health emergency.

For purposes of measuring revenue growth in the counterfactual trend, recipients may use a *growth adjustment* of either 4.1 percent per year or the recipient's average annual revenue growth over the three full fiscal years prior to the COVID-19 public health emergency, whichever is higher. The option of 4.1 percent represents the average annual growth across all State and local government "General Revenue from Own Sources" in the most recent three years of available data.¹²² This approach provides recipients with a standardized growth adjustment when calculating the counterfactual revenue trend and thus minimizes administrative burden, while not disadvantaging recipients with revenue growth that exceeded the national average prior to the COVID-19 public health emergency by permitting these recipients to use their own revenue growth rate over the preceding three years.

¹²¹ For example, following the 2007-09 recession, local government property tax collections did not begin to decline until 2011, suggesting that property tax collection declines can lag downturns. *See* U.S. Bureau of Economic Analysis, Personal current taxes: State and local: Property taxes [S210401A027NBEA], retrieved from Federal Reserve Economic Data, Federal Reserve Bank of St. Louis, <https://fred.stlouisfed.org/graph/?g=r3YI> (last visited Apr. 22, 2021). Estimating the reduction in revenue at points throughout the covered period will allow for this type of lagged effect to be taken into account during the covered period.

¹²² Together with revenue from liquor stores from 2015 to 2018. This estimate does not include any intergovernmental transfers. A recipient using the three-year average to calculate their growth adjustment must be based on the definition of general revenue, including treatment of intergovernmental transfers. 2015 – 2018 represents the most recent available data. *See* U.S. Census Bureau, State & Local Government Finance Historical Datasets and Tables (2018), <https://www.census.gov/programs-surveys/gov-finances/data/datasets.html>.

Recipients should calculate the extent of the reduction in revenue as of four points in time: December 31, 2020; December 31, 2021; December 31, 2022; and December 31, 2023.

To calculate the extent of the reduction in revenue at each of these dates, recipients should follow a four-step process:

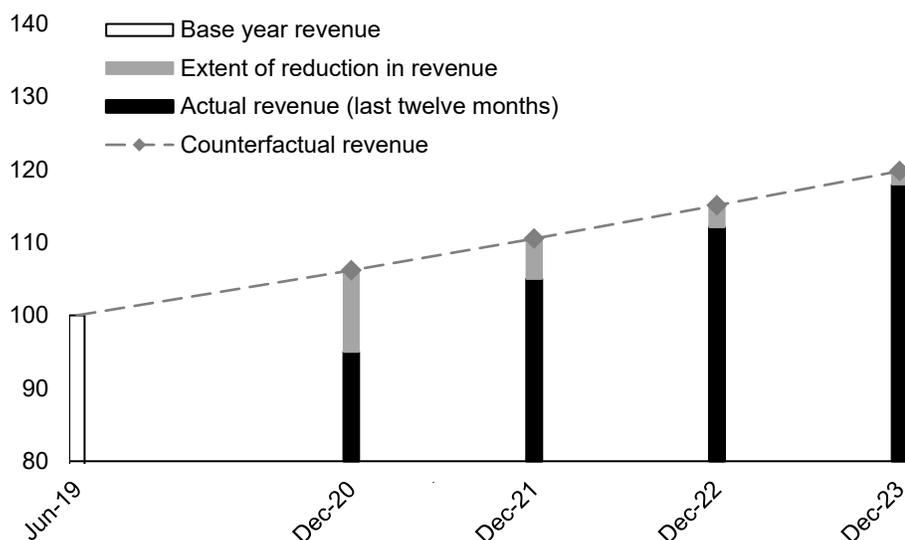
- Step 1: Identify revenues collected in the most recent full fiscal year prior to the public health emergency (i.e., last full fiscal year before January 27, 2020), called the *base year revenue*.
- Step 2: Estimate *counterfactual revenue*, which is equal to *base year revenue* * $[(1 + \textit{growth adjustment})^{(n/12)}]$, where *n* is the number of months elapsed since the end of the base year to the calculation date, and *growth adjustment* is the greater of 4.1 percent and the recipient’s average annual revenue growth in the three full fiscal years prior to the COVID-19 public health emergency.
- Step 3: Identify *actual revenue*, which equals revenues collected over the past twelve months as of the calculation date.
- Step 4: The extent of the reduction in revenue is equal to *counterfactual revenue* less *actual revenue*. If actual revenue exceeds counterfactual revenue, the extent of the reduction in revenue is set to zero for that calculation date.

For illustration, consider a hypothetical recipient with *base year revenue* equal to 100. In Step 2, the hypothetical recipient finds that 4.1 percent is greater than the recipient’s average annual revenue growth in the three full fiscal years prior to the public health emergency.

Furthermore, this recipient’s base year ends June 30. In this illustration, *n* (months elapsed) and *counterfactual revenue* would be equal to:

As of:	12/31/2020	12/31/2021	12/31/2022	12/31/2023
<i>n</i> (months elapsed)	18	30	42	54
<i>Counterfactual revenue</i> :	106.2	110.6	115.1	119.8

The overall methodology for calculating the reduction in revenue is illustrated in the figure below:



Upon receiving Fiscal Recovery Fund payments, recipients may immediately calculate revenue loss for the period ending December 31, 2020.

Sections 602(c)(1)(C) and 603(c)(1)(C) of the Act provide recipients with broad latitude to use the Fiscal Recovery Funds for the provision of government services. Government services can include, but are not limited to, maintenance or pay-go funded building¹²³ of infrastructure, including roads; modernization of cybersecurity, including hardware, software, and protection of critical infrastructure; health services; environmental remediation; school or educational services; and the provision of police, fire, and other public safety services. However, expenses associated with obligations under instruments evidencing financial indebtedness for borrowed money would not be considered the provision of government services, as these financing expenses do not directly provide services or aid to citizens. Specifically, government services would not include interest or principal on any outstanding debt instrument, including, for

¹²³ Pay-go infrastructure funding refers to the practice of funding capital projects with cash-on-hand from taxes, fees, grants, and other sources, rather than with borrowed sums.

example, short-term revenue or tax anticipation notes, or fees or issuance costs associated with the issuance of new debt. For the same reasons, government services would not include satisfaction of any obligation arising under or pursuant to a settlement agreement, judgment, consent decree, or judicially confirmed debt restructuring in a judicial, administrative, or regulatory proceeding, except if the judgment or settlement required the provision of government services. That is, satisfaction of a settlement or judgment itself is not a government service, unless the settlement required the provision of government services. In addition, replenishing financial reserves (e.g., rainy day or other reserve funds) would not be considered provision of a government service, since such expenses do not directly relate to the provision of government services.

Question 13: Are there sources of revenue that either should or should not be included in the interim final rule's measure of "general revenue" for recipients? If so, discuss why these sources either should or should not be included.

Question 14: In the interim final rule, recipients are expected to calculate the reduction in revenue on an aggregate basis. Discuss the advantages and disadvantages of, and any potential concerns with, this approach, including circumstances in which it could be necessary or appropriate to calculate the reduction in revenue by source.

Question 15: Treasury is considering whether to take into account other factors, including actions taken by the recipient as well as the expiration of the COVID-19 public health emergency, in determining whether to presume that revenue losses are "due to" the COVID-19 public health emergency. Discuss the advantages and disadvantages of this presumption, including when, if ever, during the covered period it would be appropriate to reevaluate the presumption that all losses are attributable to the COVID-19 public health emergency.

Question 16: Do recipients anticipate lagged revenue effects of the public health emergency? If so, when would these lagged effects be expected to occur, and what can Treasury do to support these recipients through its implementation of the program?

Question 17: In the interim final rule, paying interest or principal on government debt is not considered provision of a government service. Discuss the advantages and disadvantages of this approach, including circumstances in which paying interest or principal on government debt could be considered provision of a government service.