

**Calculation of General Revenue Loss
Reimbursable from ARPA Funds
Calendar Year 2022 (January - December 2022)**

		Yearly Growth
FY 2015-16 General Revenues	3,394,208,738	5.0% 2015/16 - 2016/17
FY 2016-17 General Revenues	3,562,973,069	4.3% 2016/17 - 2017/18
FY 2017-18 General Revenues	3,716,613,120	5.7% 2017/18 - 2018/19
BASE YEAR FY 2018-19 General Revenues	3,929,364,096 A	-2.8% 2018/19 - 2019/20
FY 2019-20 General Revenues	3,821,101,839	9.0% 2019/20 - 2020/21
FY 2020-21 General Revenues	4,166,223,358	7.3% 2020/21 - 2021/22
FY 2021-22 General Revenues	4,470,537,376	
3 Year Average Growth Rate:	5.0%	AVERAGE (FY16 through FY19)
Updated Default Growth Rate:	5.2% B	
Counterfactual Revenue:	4,692,209,148 C = A * (1+B)^(42/12)	
Calendar Year 2020 General Revenues:	3,913,327,113	
Calendar Year 2021 General Revenues:	4,187,053,928	
Calendar Year 2022 General Revenues:	4,497,160,411	
Total Calendar Year 2022 General Revenues:	4,497,160,411 D	

	Revenue Reduction <small>Prescribed Formula</small> $E = A * (1+B)^{(n/12)} - D$ or $D - C$	Revenue Reduction %
Growth Factor:	General Revenue Loss as of:	$(-E/C)^{-1}$
1.08	December 31, 2020 (326,477,883)	-7.7%
1.13	December 31, 2021 (273,220,928)	-6.1%
1.19	December 31, 2022 (195,048,737) E	-4.2%
1.25	December 31, 2023	

Notes: 1) For Revenue Loss calculation, the growth adjustment is the higher of:
 - Average revenue growth over the last three full FY's prior to COVID, or the national average state and local revenue growth rate
 2) **The combined Revenue Loss calculation for calendar years 2020, 2021 and 2022 exceeds the County's ARPA allocation. The US Treasury limits the amount of revenue loss allowable under ARPA to the amount of ARPA funding received by the County.**

Base Year ends June 30.

As of:	12/31/2020	12/31/2021	12/31/2022	12/31/2023
n (months elapsed)	18	30	42	54

20. What is the formula for calculating the reduction in revenue?

A reduction in a recipient's General Revenue equals:

$$\text{Max} \{ [\text{Base Year Revenue} * (1 + \text{Growth Adjustment})^{\frac{n}{12}}] - \text{Actual General Revenue}_t ; 0 \}$$

Where:

Base Year Revenue is General Revenue collected in the most recent full fiscal year prior to the COVID-19 public health emergency.

Growth Adjustment is equal to the greater of 4.1 percent (or 0.041) and the recipient's average annual revenue growth over the three full fiscal years prior to the COVID-19 public health emergency.

n equals the number of months elapsed from the end of the base year to the calculation date.

Actual General Revenue is a recipient's actual general revenue collected during 12-month period ending on each calculation date.

Subscript *t* denotes the calculation date.

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(B) Growth Adjustment is equal to the greater of 5.2 percent (or 0.052) and the recipient's average annual revenue growth over the three full fiscal years prior to the COVID-19 public health emergency: