S&P Global Ratings

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Research Update:

Philadelphia Nearly \$706.9 Million GO, GO Refunding Bonds Assigned 'A+' Rating; Outlook Is Stable

May 21, 2025

Overview

- S&P Global Ratings assigned our 'A+' long-term rating to the city of Philadelphia's expected \$301.6 million series 2025A general obligation (GO) bonds (tax-exempt), \$100.7 million series 2025B GO bonds (federally taxable), and \$418.7 million series 2025C GO refunding bonds (tax-exempt).
- At the same time, we affirmed our 'A+' rating on the city's outstanding GO bonds, city service agreement revenue bonds, and on the Philadelphia Authority for Industrial Development (PAID) lease revenue bonds, issued for the city.
- We also affirmed our 'AA+/A-1' rating on certain PAID debt, with TD Bank providing liquidity support. For more information on recent rating actions related to this debt, see our report "Various Ratings Lowered on 87 Joint-Supported Bond Issues On TD Bank N.A. And Toronto Dominion Bank Downgrades," published Oct. 18, 2024, on RatingsDirect.
- The outlook, where applicable, is stable.

Rationale

Security

The series 2025A, 2025B, and 2025C GO bonds are secured by the city's full faith, credit and taxing power.

Some of the city's outstanding debt is secured by service fee payments payable by Philadelphia to various authorities under service agreements payable solely from current revenues and are unconditional and absolute. The city council is required by the city charter to appropriate to pay the service fees in each fiscal year. We rate the bonds, as well as the city's outstanding lease revenue bonds, under our "Issue Credit Ratings Linked To U.S. Public Finance Obligors' Creditworthiness," criteria (published Jan. 22, 2018) and at the same level as our view of the

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1-312-233-7070 benjamin.gallovic @spglobal.com city's general creditworthiness, reflecting the lack of appropriation risk and that there are no significant limitations on the fungibility of resources.

Proceeds of the series 2025A and 2025B GO bonds will finance certain projects in the city's capital budget. The proceeds of the series 2025C GO refunding bonds will fully or partially refund or purchase tender offers for the city's outstanding series 2015A, series 2015B, series 2017, series 2017A, series 2020A, and series 2021B bonds for interest cost savings; the city is not extending any maturities.

Credit highlights

Philadelphia's general fund performance remains positive, partly due to funding from the American Rescue Plan Act (ARPA), which allowed to the city to build its reserve balance to \$1.05 billion, or 17.5% of general fund revenue in fiscal 2024--a historical high for the city, and an increase from the city's \$290.7 million reserve balance in 2020. The city's operational balance is also driven by growth in the city's major revenue sources, particularly wage taxes, which improved during the post-pandemic economic expansion. However, the city is reliant on more economically sensitive revenue streams and the significant policy uncertainty affecting macroeconomic forecasts could further diminish its economic growth prospects and may mute projected revenue increases. (See "Economic Research: U.S. Economic Outlook Update: Higher Tariffs And Policy Uncertainty To Weaken Growth," published May 1, 2025). The city has a history of building reserves during economic expansion and of drawing down on those reserves during economic contraction as service demands increase. We will monitor how overall economic trends affect the city's revenue streams and view an economic slowdown as a potential downside risk. We will also be watching the city's finances; both revenue and expenditure projections; the trend in the outyear budget gaps; and any changes in projected total reserve levels.

As noted above, the city's finances, were reliant on \$1.4 billion in ARPA funds to achieve budgetary balance in recent years, including fiscal 2025 (ending June 30). With the expiration of ARPA funding after fiscal 2025, the city will be required to make budgetary adjustments to ensure it can avoid a structural deficit in the near-to-medium term. The city's fiscal 2026 budget projects a general fund deficit as costs rise and revenue falls, and operating deficits of more than 3% in fiscal years 2026-2027. As a result, the city is expecting to draw down its reserves by over \$690 million during the next three fiscal years. While we would still view the city's reserve fund balances levels as credit-supportive, if results are worse than projected, we could take a negative rating action.

The 'A+' rating reflects our assessment of the city's:

- Role as the anchor of the local southeastern Pennsylvania and southern New Jersey economy, with a significant presence in education and health care, but weaker poverty and unemployment metrics relative to those of other major U.S. cities.
- Professional, proactive management team, with robust long-term planning and strong budgeting practices.
- All-time-high reserve levels, but a likely return to deficit budgeting as one-time federal revenue expires.
- Manageable fixed costs but poorly funded pension and other postemployment benefits (OPEB). The city's commitment to making pension contributions in excess of its statutory requirements resulted in pension funding progress to 65.7% funded as of its July 1, 2024,

valuation, up from 43.2% funded in 2018. However, the city's pension funding ratios are weaker than those of many other large cities or its peers in Pennsylvania.

• For more information on our institutional framework assessment for Pennsylvania municipalities, see "Institutional Framework Assessment: Pennsylvania Local Governments," published Sept. 9, 2024. We view Philadelphia's transparency score as a strength compared to other Pennsylvania municipalities due to its financial reporting on a generally accepted accounting principles (GAAP) basis. The city also benefits from oversight from the Pennsylvania Intergovernmental Cooperation Authority (PICA), which requires the city to submit quarterly budget-to-actual reports and annual, rolling five-year financial plans for approval. In cases where material challenges occur after the five-year plan's introduction, PICA requires the city to submit a revised plan.

Environmental, social, and governance

Philadelphia benefits from a governance structure opportunity, provided by PICA, and the legislation requiring these budgeting and financial planning approvals was extended through at least 2047, pursuant to the recent amendment of the PICA Act by the state legislature.

We view social capital factors as a potential weakness in terms of long-term economic growth. We continue to monitor work patterns as they evolve post-pandemic. Notably, the city's commuter tax still applies to nonresidents if work-from-home is considered an optional benefit rather than a requirement, which we believe may mitigate some future losses. The nonresident portion of the wage and earnings taxes is estimated to be 14% of 2024 general fund revenue. In addition, social capital risks are reflected in the city's relatively weaker sociodemographic profile, including higher-than-average unemployment and poverty levels than the other largest U.S. cities, which have inhibited Philadelphia's ability to raise or collect revenue and increase demand for services during economic downturns.

We view the city's environmental factors as neutral in our credit analysis, though we note that it is addressing physical risks through its Office of Sustainability, which was established in 2014, and various resiliency, adaptation, and climate justice plans, which are outlined in the city's climate action playbook.

Outlook

The stable outlook reflects our view that the city will hold its combined available general fund reserves and budget stabilization reserve (BSR) at credit-supportive levels while simultaneously containing expenditure growth, shrinking its outyear budget gaps, and showing its continued commitment to funding its pensions and building the BSR.

Downside scenario

We could take a negative rating action if we view the city as unable to reduce budgetary gaps in the coming years, potentially a result of a softening in revenue, sudden changes in federal support, or escalating expenditures, leading to a reduction in reserves to levels we do not consider credit supportive. An additional considerations for a negative rating could be if the city is unable to fund its pensions in line with its revenue recognition policy, resulting in a deterioration of plan funding.

Upside scenario

We could raise the rating if the city outperforms its budget projections while maintaining its combined general fund reserves and BSR at current levels while adjusting its revenues so that they are less sensitive to economic cyclicality and continuing to make funding progress on its pensions while reducing its net pension liability.

Credit Opinion

Economy

Philadelphia's economy enjoyed a strong rebound post-pandemic, with education, health care, and social services leading the way in job growth; though with the current economic headwinds, we expect growth to slow. The city is home to several universities and hospitals, and these industries are major drivers of its gross county product (GCP), which makes up 20% of the local economy and nearly one-third of employment. The city's finance and professional services, which comprise 21% and 19% of GCP, respectively, remain large economic drivers, though they employ fewer people than the education and health care industries. S&P Global Market Intelligence reports that job growth decelerated during 2024 and is projected to slow to 1.0% in 2025--roughly in line with the national economy.

The city's revenue base benefits from being the anchor of the southeastern Pennsylvania, south New Jersey, and Delaware economy, and commuter income taxes are a significant revenue stream. While the city continues to be affected by some employees working from home, officials informed us that wage and earnings tax revenue continues to grow year-over-year post-COVID, partly due to the strength of the U.S. economy.

S&P Global Market Intelligence notes that while, historically, high wage and business tax rates may have dampened Philadelphia's economic growth prospects, the city has been steadily lowering its tax rates and its cost of living is moderate relative to that of peers. It also has lower incomes than the national average and the lowest median income of the top 10-largest U.S. cities; however, incomes have shown some improvement in recent years.

Management

In our view, the city's experienced management team adheres to prudent policies and sound long-term planning, while also providing institutional knowledge and stability. City management practices include:

- Revenue and expenditure assumptions developed during budget preparation, based on an evaluation of past trends as well as external economic models for revenue forecasting;
- Development of robust, annual five-year financial plans that elected officials review and PICA approves; in cases where material challenges occur after the five-year plan's introduction, PICA requires the city to submit a revised plan;
- Quarterly budget-to-actual and cash flow reports submitted to elected officials and PICA;
- A six-year capital improvement program, updated annually, that identifies funding sources for each project;
- A formal investment policy that requires monthly monitoring and reporting of holdings to the treasurer's office, coupled with quarterly meetings to evaluate performance;

- A debt policy that includes various quantitative targets, including: level debt service; 50% of tax-supported principal amortized in 10 years; net direct debt less than 3.5% of total assessed value (AV); 6% of general fund expenditures for tax-supported debt (excluding pension obligation bonds [POBs]); 7% of general fund expenditures for tax-supported debt service, plus other fixed payments; and 20% of general fund expenditures for tax-supported debt, other fixed costs, and pension costs combined; and
- A target of maintaining at least 6%-8% of general fund revenue in reserve, coupled with the city home-rule charter that calls for a BSR deposit of 0.75% when the general fund balance is 3%-5% of projected revenue, a deposit of 1.0% when the balance is 5%-9%, and a deposit of up to 17% when the balance is greater than 9%. While currently well above this target, reserves have historically fallen below it; we will monitor to see how the city is able to build and maintain its BSR during the outlook period.

Financial performance, reserves, and liquidity

In fiscal 2024 (June 30), the city achieved a \$221.2 million (3.7%) surplus that was largely supported by \$391 million of ARPA funding. In our estimate, without the federal funds and adjusting for one-time expenditures, the deficit would have been roughly \$272 million (negative 4.8%). The city deposited \$42.3 million into its BSR in 2024, growing the combined BSR and available general fund reserves to a record \$1.168 billion (19.3% of revenue) on a budgetary basis.

The fiscal 2025 budget projected an operating deficit of \$96.1 million, and the city's third quarter budgetary report is roughly in line with this projection, slightly increasing to a \$123.0 million deficit. The fiscal 2025 budget includes the city's remaining \$419.0 million in ARPA funds. While the city did not change its tax rates, it shifted its property tax millage to Philadelphia schools by 1 percentage point to 56%, which equates to approximately \$23 million in 2025. While revenue is outperforming projections, expenditures are also up due to service purchases, payments to reserve funds, and costs of materials outpacing the budget. Officials are hopeful that costs can be controlled, and the city will report close to balanced operations, which we view as likely given that the city has outperformed its projections in recent years. Given current projections, the city's combined available general fund reserves and BSR would fall slightly to \$1.1 billion (17.1%).

The proposed fiscal 2026 budget calls for a \$421.8 million (6.7%) deficit while contributing \$58.9 million to the BSR, in line with the city's charter amendment, and \$101.6 million to the labor reserve in anticipation of likely wage increases due to all labor contracts being up for negotiation. While the city is cautious in its budgeting for salary and benefit expenditures, with about 80% of all city employees being represented by a labor union and all contracts under negotiation, we think it is likely that expenditures may be higher than budgeted. Officials informed us that if this is the case, the city will draw on its labor reserve to cover the additional wage costs. The city is also reducing both its wage and earnings tax rate and business, income, and receipts tax (BIRT) slightly in an effort to make the city a more attractive place to do business; in our view, the reductions are slight, year-over-year, and unlikely to meaningfully influence the city's operations. With the projected deficit, available reserves are expected to fall to \$743.9 million, or 11.3% of revenue, which we still view as credit supportive.

In our view, the city's general fund revenue sources are sensitive to economic downturns, particularly its wage and earnings taxes, which comprised 30% of general fund revenue in fiscal 2024. The city's second-largest revenue source, property taxes (14%), is more stable, though its third-largest source, BIRT (11%) is also fairly sensitive in our view. The city's general fund is not

reliant on federal revenue; though Philadelphia's total budget does include numerous federal grants that comprised \$2.2 billion in fiscal 2024. Officials report that in a few cases, there were frozen or canceled federal grants, but the nominal influence on its budget is not meaningful at this time. Since the city of Philadelphia is coterminous with the county, the government has several other governmental funds that are more reliant on federal revenue sources, including Medicaid. With the policy uncertainty of federal programs, Philadelphia is, in our view, more exposed to these prospective changes than other cities in the commonwealth. Furthermore, in our view, given the composition of the city's economy and its focus on higher education and healthcare leaves it more exposed to potential federal financing and policy changes, which in turn may squeeze its wage, earning, and BIRT revenue.

From fiscal 2026-2030, the city's plan to return to structural balance relies on steady annual revenue growth of 1.3%-3.8%, while holding overall expenditure growth below 2.0%. The forecast projects general fund reserves will decline, but the city will add to its BSR through fiscal year 2027. Combined general fund and BSR reserves fall to \$393.6 million (5.9%) in fiscal 2028. As a result, we have factored these reserve drawdowns, coupled with the city's limited capacity to reduce expenditures due to its high fixed costs and service demands, into our analysis. While the city has the statutory authority to raise additional revenue and is increasing the real estate transfer tax in fiscal 2026, we believe there are practical limitations to doing so, as it has been focused on reducing various tax rates to lower the cost for businesses. However, if Philadelphia can maintain its combined reserves at higher levels, our assessment of its reserves and liquidity could improve.

Debt and liabilities

In our view, the city's fixed costs are manageable, though on a per capita basis, net direct debt and pension liabilities are a pressure. The city has \$7.2 billion in net direct debt, of which 64.4% amortizes in the next 10 years. We note that general fund-supported debt service payments are scheduled to decrease significantly in 2030, after the majority of its POBs have fully amortized, which could provide some additional budget flexibility for capital or operations.

In our view, the various liquidity facility agreements supporting service- and lease-agreement debt do not expose the city to nonremote contingent liability risk because, with certain limited exceptions, the service agreements expressly prohibit the acceleration of service fees. The exception is debt issued to fund the city's stadium projects; in those cases, agreements allow for term, but not principal, acceleration. Furthermore, we do not believe the city's swaps create a nonremote contingent liability risk due to the wide margin between its rating and the 'BBB-' rating trigger. Nor does it have any collateral posting obligations to its counterparties for the swaps.

Philadelphia participates in the following pension and OPEB plans:

- City of Philadelphia Municipal Pension Fund (as of June 30, 2024), with a plan fiduciary net position of 65.7% of the total pension liability and a net pension liability of \$4.5 billion.
- City of Philadelphia single-employer OPEB Plan (as of June 30, 2023), with a plan fiduciary net position of 0% of the total OPEB liability and a net OPEB liability of \$1.8 billion funded on a pay-as-you-go basis.

The city's pension plan funding levels improved considerably during the last several years due to reforms and higher contributions. The city continues to make contributions in line with its RRP, which directs sales tax revenue and increased employee contributions to fund its pension plan above the state-required minimum municipal obligation (MMO). In 2024, the city was also able to

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make more than \$95 million in one-time contributions to its pension fund above its budgeted RRP amount. Under current assumptions, the plan is expected to be 80% funded by 2029 and 100% funded by 2033. The city has gradually lowered its discount rate by 0.05% annually during the last several years, and lowered it again to 7.25% from 7.30%, effective July 1, 2025. However, 7.25% is still high relative to S&P Global Ratings' guideline of 6.0%, a rate that we believe mitigates contribution volatility; therefore, we believe the city could be pressured to increase its pension contributions in the event of a market downturn. The plan is amortized for a closed period and mortality rates, which we believe are stronger planning components, have been updated. One of the keys to Philadelphia reaching its funding goal will be continued strong, above-MMO contribution levels, which it has achieved since 2013, helping it mitigate market fluctuations and potentially lower-than-targeted investment returns.

The city funds OPEBs on a pay-as-you-go basis, which leaves it somewhat vulnerable to increasing health care costs. The plan is a self-administered, single-employer, defined-benefit plan, and the benefits are to provide health care for five years after separation for its eligible retirees. The fixed five-year provision window somewhat mitigates these risks, in our view. The city also budgets for these costs in its annual five-year plan and updates its plan accordingly.

Philadelphia--credit summary

Institutional framework (IF)	2
Individual credit profile (ICP)	2.76
Economy	2.5
Financial performance	3
Reserves and liquidity	3
Management	1.30
Debt and liabilities	4.00

Philadelphia--key credit metrics

	Most recent	2024	2023	2022
Economy				
Real GCP per capita % of U.S.	106	-	106	104
County PCPI % of U.S.	89	-	89	89
Market value (\$000s)	231,504,874	207,573,289	203,683,051	171,044,302
Market value per capita (\$)	146,378	131,247	128,787	106,307
Top 10 taxpayers % of taxable value	2.3	2.3	2.2	2.6
County unemployment rate (%)	4.6	4.3	4.3	5.0
Local median household EBI % of U.S.	72	-	72	73
Local per capita EBI % of U.S.	83	-	83	82
Local population	1,581,552	-	1,581,552	1,608,965

Philadelphia--key credit metrics

	Most recent	2024	2023	2022
Economy				
Financial performance				
Operating fund revenues (\$000s)		6,021,032	6,107,678	5,517,513
Operating fund expenditures (\$000s)		6,028,194	6,137,944	5,338,527
Net transfers and other adjustments (\$000s)		228,337	127,755	101,512
Operating result (\$000s)		221,175	97,489	280,498
Operating result % of revenues		3.7	1.6	5.1
Operating result three-year average %		3.5	2.3	0.4
Reserves and liquidity				
Available reserves % of operating revenues		17.5	17.1	14.1
Available reserves (\$000s)		1,055,700	1,046,700	780,285
Debt and liabilities				
Debt service cost % of revenues		2.3	2.8	2.9
Net direct debt per capita (\$)	4,578	4,568	4,517	4,283
Net direct debt (\$000s)	7,239,831	7,224,100	7,144,203	6,891,970
Direct debt 10-year amortization (%)	64	40	- -	
Pension and OPEB cost % of revenues		10.0	13.0	10.0
NPLs per capita (\$)		2,824	3,062	3,378
Combined NPLs (\$000s)		4,466,649	4,842,308	5,434,292

Financial data may reflect analytical adjustments and are sourced from issuer audit reports or other annual disclosures. Economic data is generally sourced from S&P Global Market Intelligence, the Bureau of Labor Statistics, Claritas, and issuer audits and other disclosures. Local population is sourced from Claritas. Claritas estimates are point in time and not meant to show year-over-year trends. GCP--Gross county product. PCPI--Per capita personal income. EBI--Effective buying income. OPEB--Other postemployment benefits. NPLs--Net pension liabilities.

Ratings List	
New Issue Ratings	
US\$301,580,000 The City of Philadelphia, Pennsylvania, General Obligation	on Bonds (Tax-Exempt), Series 2025A, dated: June 18, 2025, due: August 01, 2045
Long Term Rating	A+/Stable
US\$100,705,000 The City of Philadelphia, Pennsylvania, General Obligation	on Bonds (Federally Taxable), Series 2025B, dated: June 18, 2025, due: August 01, 2033
Long Term Rating	A+/Stable
US\$418,700,000 The City of Philadelphia, Pennsylvania, General Obligatio	on Bonds (Tax-Exempt), Series 2025C, dated: June 18, 2025, due: August 01, 2038
Long Term Rating	A+/Stable
Ratings Affirmed	

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Ratings List

Local Government	
Philadelphia, PA General Fund Pledge	A+/Stable
Philadelphia, PA Non-Appropriation Lease	A+/Stable
Philadelphia, PA Unlimited Tax General Obligation	A+/Stable

The ratings appearing below the new issues represent an aggregation of debt issues (ASID) associated with related maturities. The maturities similarly reflect our opinion about the creditworthiness of the U.S. Public Finance obligor's legal pledge for payment of the financial obligation. Nevertheless, these maturities may have different credit ratings than the rating presented next to the ASID depending on whether or not additional legal pledge(s) support the specific maturity's payment obligation, such as credit enhancement, as a result of defeasance, or other factors.

Certain terms used in this report, particularly certain adjectives used to express our view on rating relevant factors, have specific meanings ascribed to them in our criteria, and should therefore be read in conjunction with such criteria. Please see Ratings Criteria at

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