The Time Has Come for Public Banking: Testimony in Favor of Maryland House Bill 41

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Introduction

Good afternoon. My name is Dr. Sean Vanatta. I am a financial and policy historian, and I research and write about banking and credit policy in the twentieth-century United States. I currently teach at the University of Glasgow, in Scotland. Before that, I taught at New York University and at Princeton, where I received my PhD.

In 2018, I was commissioned by the Abell Foundation in Baltimore to examine the public banking movement and the lessons that the movement might hold for policymakers and activists in that city. My study, "The Municipal Banking Movement: An Opportunity for Baltimore," was published in July 2019 (and is attached as an Appendix to this testimony).¹

I am a supporter of public banking and of House Bill 41. I am very glad that Delegate Smith has put forward this proposal, and I appreciate that the Committee on Economic Matters has allowed me the opportunity to testify in support of it.

In my testimony today, I will make 4 points.

First, I will summarize the findings of my Abell Foundation report, briefly explaining what public banking is, how it works, and why Maryland lawmakers should support this effort. Next, I will survey public banking developments in the U.S. and abroad since the report was published, emphasizing that momentum for these projects continues to build. Third, I will highlight the specific advantages of this bill, HB-41, while also making some minor suggestions for adjustment and clarification. Fourth and finally, I will try to address some specific concerns about public banking and make the case that, while caution is certainly warranted, we should be optimistic rather than pessimistic about public banking's future.

What is Public Banking?

Public banking is simply the public ownership of financial institutions, at the municipal, state, or national level. In the same way that private shareholders own private financial firms and, as owners, establish business plans and monitor business performance, so to do citizens collectively own public financial firms, establishing business plans and monitoring business performance through their elected or appointed representatives. Instead of private investors as the principal shareholders, the public—in this case the citizens of Maryland—own the bank.²

Public ownership does not mean public management, however. Public banks are managed by experienced bankers, not by politicians or other government officials. The public set goals and objectives, consistent with the bank's need to generate self-sustaining revenues, and managers endeavor to meet those objectives, consistent with the ongoing safety and soundness of the firm. In this way, again, public banks are similar to private financial institutions. Private shareholders can and do instruct managers not only to generate profits in conformity with legal rules and regulations, but also to meet environmental, social, and governance objectives. It is simply the case that, for private financial firms, profits remain the overriding objective.

Thus, the key difference between public and private banks is that, with public banks, citizens and local stakeholders—not distant, wealthy shareholders—own the business and define its objectives. Public banking shifts the purpose of financial activity away from short-term profits and toward long-term community development. Public banking aims to be more inclusive, more democratic, more transparent, and more accountable.

Public banking is a compliment to private banking, not a substitute. Effective public banks work with private and quasi-public financial firms, especially community banks, credit unions, and other mission-driven lenders, multiplying their capacity to identify and invest in worthwhile local projects. Public banks provide "patient finance," maintaining local investments, stabilizing local economies, and promoting more prosperous communities through the ups and downs of the business cycle. They do not freeze local lending whenever a cold breeze blows down Wall Street.

Public banking is not monolithic. Like private banking, public financial institutions can take a variety of forms depending on the markets they plan to serve and the services that plan to offer. To simplify, advocates tend to emphasize two models, what I call government-led and community-led public banking.

The government-led model, represented in this bill, tends to focus on two core objectives. First, government-led public banks are designed to provide long-term funds for local investment and

economic growth, often directed toward broad goals, like infrastructure development or sustainability. Second, these firms perform financial services for governments, enabling the public to spend less on banking services than they currently do through private providers.

These goals are complimentary. By investing government resources in local public banks, advocates argue, public banks generate both government economy and local development. The best example of this kind of institution in the United States is the <u>Bank of North Dakota</u>, which has been operating in that state since 1919. The Bank of North Dakota supports a vibrant ecosystem of community banks in the state, while regularly returning profits to the state treasury. It also shielded the North Dakota economy from the worst effects of the 2008 financial crisis and enabled the state to make a faster recovery. Nationally, <u>the Public Banking Institute</u> has become a clearinghouse for legislation, research, and advocacy around government-led public banking.³

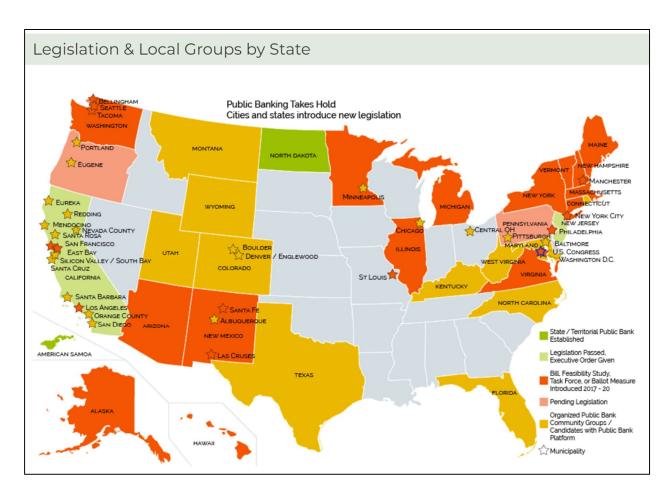
The second model, community-led public banking, emphasizes social justice and financial enfranchisement as its core goals. Advocates see public banking as a way to counteract generations of disinvestment from poor and minority communities, disinvestment encouraged by federal redlining policies and abetted by private, for-profit financial institutions. Community-led public banks, advocates argue, will offer low-cost financial services—payment accounts, savings accounts, personal credit—directly to the public, especially those who lack access to high-quality financial services in their communities. The most concrete precedent for what advocates imagine is postal banking, which thrived in the United States in the first half of the twentieth-century. Community advocates and like-minded academics argue for a wide variety of approaches to provisioning investment, credit provision, deposit taking through public institutions—all of which will seek to democratize finance and promote social justice.⁴

The government-led and community-led models are not mutually exclusive. My own view is that state and federal policymakers should follow the lead of other countries and encourage the development of a large and diverse public banking sector. In Germany, for example, public banks account for 15 percent of the banking market. Within that sector, both government-led and community-led models can thrive. Nevertheless, at this early stage, I also think it is important to pursue a single, focused path, which will provide proof of concept and demonstrate that public banking, managed by professional bankers in the service of democratically established social goals, can succeed. HB-41, by encouraging the close study of the government-led model in Maryland, offers such a path. If successful, it may also offer a wedge, one to widen the road toward a more expansive public banking future.

Momentum for Public Banking Continues to Build

Since the publication of "The Municipal Banking Movement" in July 2019, momentum for public banking has continued to build, both in the United States and abroad.

At the state level, California and New Jersey have both taken concrete steps toward establish state-level public banks, while a number of other states have authorized studies or task forces to take up the issue. New Jersey, for example, established a Public Banking Implementation Board in 2019, charged with developing an implementation plan for establishing a public bank. The Board was scheduled to deliver their results by the end of 2020, but their work has been interrupted by the Covid-19 pandemic.⁵ In addition to this state-level activity, numerous cities and municipalities are examining public banking, while new community groups have also formed.



Source: Public Banking Institute, https://www.publicbankinginstitute.org/legislation-local-groups-by-state/.

While the Covid-19 pandemic has inhibited the development of public banks—for instance, by preventing public meetings—it has also revealed the ways that large, corporate banks continue to fail American communities. As has been widely documented, these banks funneled federal relief, like that offered through the Paycheck Protection Program, to large, well-connected businesses, leaving small businesses out in the cold. One notable exception were businesses in North Dakota, which, as the *Washington Post* found, succeeded in securing loans through the public Bank of North Dakota. Even the International Monetary Fund, traditionally an opponent of public banking, has come around to support public banking efforts as a successful policy response to the Covid crisis.⁶

Indeed, as the IMF policy note makes clear, when looking for models of policy creativity, Maryland lawmakers can look beyond their peer states: Public banking is a global movement.⁷ For example, in Scotland, where I live, the government very recently launched the <u>Scotland National Investment Bank</u>. Over the next 10 years, the Scottish Government will gradually capitalize the bank at £2 billion (\$2.73 billion). The bank is independent of government, managed by experienced bankers, and aims to be entirely self-sufficient once it is fully capitalized. Through a process of community consultation, the Scottish government has assigned the bank three core missions: to "rebalance the economy towards leadership in sustainable technology, services and industries;" to "invest in places and regeneration to reduce inequality, and improve opportunities and outcomes for people and communities;" and to "invest in innovation and industries of the future for a healthier, more resilient and productive population."⁸

The Scotland National Investment Bank is just one of a number of similar, successful European examples, including the <u>European Investment Bank</u>, the <u>Nordic Investment Bank</u>, and the German <u>Kreditanstalt für Wiederaufbau</u>. Following its recent exit from the European Union, England also looks likely to establish its own development bank in the near future.⁹

The domestic and international momentum for public banking has also been supported recently by wide variety of public policy, legal, and financial scholarship aimed at rethinking the positive roles governments can play in market economies and the fundamentally public nature of money within democratic societies. This scholarship is varied and wide-ranging. Of most importance to the public banking movement are a few core ideas. First, communities cannot trust their social objectives to private markets. Active, creative, inventive governments have roles to play. Of Second, money is a creation of government, it represents an obligation between government and its citizens, and as such should be imagined as a democratic resource to be used for the public good.

Advantages of HB-41's Approach

I support public banking in general, and HB-41's approach in particular. Although public banks play vital roles in the economies of many advanced nations, there remains a long-standing suspicion of public ownership in American politics. Policymakers and the public must have confidence that a publicly owned bank will meet community needs not currently being satisfied by private firms or other government agencies. By convening a task force and charging it with evaluating the feasibility and usefulness of a state-owned public bank, the legislature will determine if a Maryland public bank clears this threshold, and if so, provide an evidentiary foundation and road map for further action.

First, the bill proposes to assemble an appropriate group of government stakeholders, including representatives from the executive and legislative branches, as the Maryland State Bank Task Force. It also includes community stakeholders and academics. Together, this group will possess expert knowledge of state economic conditions and development prospects, government finances and banking needs, regulatory and supervisory compliance rules, and sources of political cooperation and potential opposition. It will also provide a variety of perspectives, from government, the financial community, and citizen-stakeholders.

Second, the bill establishes that a clear priority for a Maryland State Bank will be partnering with local financial institutions. From my experience writing about Baltimore, I know there is already an active constellation of CDFIs, community banks, credit unions, and other local financial institutions there. This is doubtless true across the state. The success of public banking depends on these partnerships, which will enable both local lenders and the public bank to flourish.

Third, it outlines several critical issues for the task force to consider. These include:

- 1. How the bank can reduce the cost paid by State government for banking services;
- 2. How the bank can support investment in Maryland businesses;
- 3. How the bank can be organized to limit conflicts of interest and ensure proper governance and supervision;
- 4. How the bank can support other financial institutions within Maryland;
- 5. How the bank can generate economic growth, job creation, and State revenues.

The bill, appropriately, is more cautious, framing these questions as "if" rather than "how." I would urge Delegates and, hopefully, task force members, to consider the policy literature gathered in this testimony and by advocacy groups like the Public Banking Institute. These are all attainable objectives, which a well-designed public bank can perform.

I support this bill as written, but if I may offer a few minor suggestions, I might first reduce the number of task force members from 16 down to 10 or 12. While I think it is important to bringing many voices to the table, I worry that too many participants, some with overlapping concerns, may inhibit the task-force's work. It may be better to require that the task force consult with some of the listed agencies, rather than mandating their inclusion on the task force itself (while maintaining the current commitment to community and academic participation). Members of the Committee on Economic Matters will have a clearer perspective than I do about which agencies, if any, might best be shifted to a consulting rather than participatory role.

Second, I might slightly amend the language of Sec. 1 (e)(2)(ii) from "in partnership with" to "on its own or in partnership with." The mission of the bank should be defined to encourage active partnership with local institutions. That is critical. I would urge caution, however, about language that mandates specific actions. This will be more important should the bank reach the implementation stage, but I worry about too rigidly defining its practices and powers, given that economic circumstances and the structure and participants in the Maryland banking market are all likely to change significantly over time.

Otherwise, as I have said, this bill clears the first steps down a path to public banking, and these are steps Maryland lawmakers should take.

Notes of Caution and Optimism

Let me close with a few brief notes of caution and of optimism. Broadly speaking, government officials should be cautious when embarking on ambitious new policies, and especially cautious when exposing public money to economic and financial risk. Banking is fundamentally the business of managing risk. Public banking is no different. But it is also the case that *not acting* simply keeps risk management in largely private hands and entrusts the state's economic and social goals to private banks and their profit-minded shareholders.

Not acting, especially in a dynamic and changing world, is the larger risk.

To make the point a bit more directly, is it better to continue to rely on firms like Wells Fargo to finance housing in minority neighborhoods, or would it be better to increase the capacity of public, community, and mission-driven alternatives?¹² Is it better to entrust the state's climate future to banks that finance fossil fuel companies, or to create public alternatives which develop their business plans with all citizens' interests and wellbeing in mind?¹³

I also understand that within Maryland, there is a concern that public banking may invite a repeat of the 1980s Savings and Loan crisis, which was a particularly traumatic episode in the state's

history. This is a reasonable case for caution, but not for inaction. First, the S&L crisis was a one-off event, triggered by the aggressive monetary policies of the Federal Reserve under Chairman Paul Volcker and the subsequent and reckless deregulation driven by Congress and the Reagan administration. Savings and Loans were a bedrock institution of the long, post-World War II era of financial stability, created under a broad federal commitment to channeling private capital toward public purposes. S&Ls had built their mortgage and loan portfolios in the postwar era's environment of low interest rates. Through the 1970s, policymakers were committed to keeping rates low in order to support low-cost lending for social priorities like housing. When the Volcker Fed abandoned this commitment in 1979, S&Ls suffered enormous interest rate losses. Congress then deregulated their lending powers on the theory that underwater S&Ls could make good their losses through diversified financial services, in which these firms had little or no experience. The result was to compound disaster upon disaster.¹⁴

The S&L crisis was a historically-specific and unrepeatable event. But it does hold several lessons for advocates of public banking. First, public banks should be mission driven, but should also have flexible investment powers. It would be a mistake to lock these institutions into a business model that is functional now, in our current economic environment, only to have market or policy conditions later undermine that model in the future (at which point policymakers might act hastily and unwisely, as they did in the 1980s). Second, the S&L crisis points to a government commitment to financial inclusion—certainly one tainted by policies like redlining—which evaporated with the post-1980 financial reforms. Instead, deregulation ushered in a banking market dominated by an oligopoly of massive global banks, run for the profits of their shareholders, not the communities they serve.

Public banking provides a chance to reestablish and strengthen those local, inclusive, democratic commitments. It is a chance to think big, while keeping a keen focus on the immediate steps toward viability. Could a robust public bank guarantee every Maryland resident a payment account, where they maintain deposits and through which the state can distribute benefits, tax returns, and other payments? Yes. Could it lead Maryland toward a carbon neutral economy? Yes.

We can imagine leaps forward, even as we recognize now that caution is warranted. Establishing the Maryland State Bank Task Force will be a cautious, prudent step, but one that can deliver significant economic and social returns for the citizens of Maryland. It is a step the legislature should take.

Thank you.

- ⁷ Indeed, there was a long tradition among nineteenth and early 20th century progressives of looking to Europe for solutions to the common problems posed to societies by industrial capitalism. The same should be true today for the common problems posed by neoliberalism, globalization, and financialization. Daniel T. Rodgers, *Atlantic Crossings: Social Politics in a Progressive Age* (Harvard University Press, 1998).
- ⁸ The Scottish government provides a thorough description of the bank's objectives and the policy process through which it was created <u>here</u>. The bank began in part through advocacy by Common Weal, Friends of the Earth Scotland, Move your Money and New Economics Foundation, particularly the report, Gemma Bone, "<u>Banking for the Common Good: Laying the Foundations of Safe, Sustainable, Stakeholder Banking in Scotland"</u> (March 2016).
- ⁹ Jim Pickard, Daniel Thomas, and Gill Plimmer, "<u>UK Treasury Draws Up Plans for Infrastructure Bank</u>," *Financial Times* (July 24, 2020).
- ¹⁰ This idea has been popularized most effectively by Mariana Mazzucato, who consulted on the plans for the Scotland National Investment Bank. Mariana Mazzucato, *The Entrepreneurial State: Debunking Public vs. Private Sector Myths* (Anthem, 2013); Mariana Mazzucato and Laurie Macfarlane, "Patient Finance for Innovation-Driven Growth," UCL Institute for Innovation and Public Purpose, Policy Brief series (IIPP PB 01, 2018).
- ¹¹ See, for example: Stephanie Kelton, *The Deficit Myth: Modern Monetary Theory and the Birth of the People's Economy* (Public Affairs, 2020); Morgan Ricks, *The Money Problem: Rethinking Financial Regulation* (University of Chicago Press, 2018). Contributors to Just Money also provide a variety of theoretical and policy analyses along these lines (justmoney.org).
- Wells Fargo's reputation on these matters speaks for itself, but see for example, <u>City of Baltimore v.</u>
 <u>Wells Fargo</u> (2008), Civil Rights Litigation Clearinghouse, University of Michigan Law School.
 Patrick Greenfield and Kalyeena Makortoff, "<u>Study: Global Banks 'Failing Miserably' on Climate Crisis by Funneling Trillions into Fossil Fuels</u>," *The Guardian* (March 18, 2020).

¹ Sean H. Vanatta, "<u>The Municipal Banking Movement: An Opportunity for Baltimore</u>," *Abell Report* 34, no. 6 (July 2019).

² In addition to my report, "The Municipal Banking Movement: An Opportunity for Baltimore," this section draws on a variety of more recent literature on the benefits of public banking movement, including: Sebastian Leder Macek, "White Paper: Public Banking in the Northeast and Midwest States," Northeast-Midwest Institute (Sept. 2019); Alliance for Local Economic Prosperity, "Toward Designing a Public Bank for New Mexico," (Sept. 2020); Saqib Bhatti and Brittany Alston, "Cancel Wall Street!: How Our State and Local Governments Can Save More Than \$160 Billion a Year by Cutting Interest Payments to Investors," Action Center on Race and the Economy (Sept. 2020); Bryna Godar, "Policy Spotlight: Public Banking," *Just Money* (Nov. 2020).

³ Stacy Mitchell, "<u>Public Banks: Bank of North Dakota</u>," Institute for Local Self Reliance (n.d.); Yolanda K. Kodrycki and Tal Elmatad, "The Bank of North Dakota: A Model for Massachusetts and Other States?" Research Report 11-2, New England Policy Center (May 2011), Federal Reserve Bank of Boston.

⁴ Mehrsa Baradaran, "It's Time for Postal Banking," *Harvard Law Review Forum* 127 (2014); Mehrsa Baradaran, "Banking on Democracy," *Washington University Law Review* 98, no. 2 (2020).

⁵ Dustin Racioppi, "<u>Murphy Ordered Plans for a State Bank to be Ready by Now. Why COVID-19 Set Progress Back</u>," *northjersey.com* (Nov. 16, 2020).

⁶ Godar, "Policy Spotlight: Public Banking," *Just Money*; Andrew Van Dam, "North Dakota Businesses Dominated the PPP. Their Secret Weapon? A Century-Old Bank Founded by Radical Progressives," *Washington Post* (May 15, 2020); Paulo Medas and Elif Ture, "Public Banks' Support to Households and Firms," International Monetary Fund, Special Series on Fiscal Policies to Respond to COVID-19 (April 2020).

¹⁴ Congressional Budget Office, *Resolving the Thrift* Crisis (April 1993).

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The Municipal Banking Movement: An Opportunity for Baltimore

by Sean H. Vanatta

Executive Summary

Across the United States, local governments are reconsidering their relationships with private financial service firms. As finance has come to dominate the U.S. economy in recent decades—and as the financial services industry has become increasingly concentrated in a few gigantic banks—community resources seem to flow from Main Street to Wall Street, with few channels of return. The banking industry, by design, places private profits ahead of public service. Banks like Wells Fargo, meanwhile, remain mired in scandal. Communities are ready for change.

A countermovement is growing. Local governments and community activists seek to reclaim control of their financial destinies through the direct public ownership of financial institutions. Public banks, owned by state or municipal governments and dedicated to public service, have a proven track record of promoting local economic development and financial inclusion in the U.S. and abroad.

Banking is a privilege, a public trust. Advocates of public banking argue that it should be in public hands.

This report makes a preliminary case for public banking in Baltimore. It does so, first, by examining a new chapter in Baltimore's history of disinvestment. Across the city, large commercial banks are closing branches, shutting down critical points of financial access for individuals and small businesses and contributing to ongoing patterns of financial exclusion in the city's marginalized communities. Financialization has repackaged redlining.

From this foundation, the report then turns to the growing public banking movement, examining how advocates in other places have conceptualized public banking as a productive solution to challenges like those facing Baltimore. In cities as diverse as Los Angeles, Seattle, Philadelphia, New York, and Santa Fe, advocates are advancing public banking under two rubrics: "Government-led" public banking, advanced by state and municipal officials, focuses on developing public financial institutions that serve the needs of local governments and generate broad-based economic development. "Community-led" public banking, led by social justice advocates, dedicates more attention to overcoming financial exclusion and ensuring capital flows to traditionally marginalized communities.

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Both government-led and community-led approaches to public banking can point to successful precedents in U.S. and global banking markets. The report provides brief case studies of three such models: the Bank of North Dakota, German Sparkassen, and postal banking. It also places these examples in conversation with the dominant, privately directed, public service financial infrastructure that U.S. policymakers have long preferred.

With these examples in mind, the report returns to Baltimore, where the city's existing network of Community Development Financial Institutions (CDFIs)

and new Neighborhood Investment Initiative Fund (NIIF) offer promising foundations for more ambitious public banking goals. But where city leaders are using finance to add resources to neglected communities, public banking can multiply these contributions, magnifying their impact.

The report concludes with a simple recommendation: Conduct a feasibility study. The failure of private finance to provide for the needs of the city and its diverse communities demands public response. Public banking is one such response, one that requires thoughtful and in-depth study.

Market Failure and Disinvestment in Baltimore

Baltimore, like many American cities, has not been well-served by the recent transformation of commercial banking markets. In the years leading up to the 2008 financial crisis, large national lenders contributed to a real estate boom that swelled with the national market and crashed locally with devastating force. Wells Fargo in particular steered many minority Baltimoreans toward predatory mortgages that were more expensive than the borrowers' credit warranted. As these mortgages predictably defaulted, foreclosed homes blighted many of the city's predominantly African American neighborhoods.¹

Wells Fargo's reverse-redlining of Baltimore residents illustrates an enduring challenge for city leaders and community advocates: Lowincome and minority communities need access to credit and other financial services, but these communities must largely depend on profit-maximizing banks to supply them. The consolidation of the banking industry over the past 30 years has reduced the banking options available to Baltimore residents. Meanwhile,

entrenched legacies of racialized financial exclusion continue to structure lending decisions and local credit outcomes.

Concentration and Financial Exclusion

Before the 1980s, robust federal banking regulation ensured that a diverse archipelago of small and medium-sized banks provided community financial services within tightly bounded geographic markets. But in the years since, financial deregulation enabled a wave of bank consolidation, generating a few, continent-spanning banking firms. In Baltimore, two banks, headquartered outside the state of Maryland, control half of the local banking market. The top five, all based elsewhere, control nearly 80 percent. The pending merger of SunTrust and BB&T will likely result in fewer local banking options. In financial concentration, Baltimore is ahead of national trends. In the late 1990s, the top five U.S. banks controlled less than 30 percent of all commercial banking assets. They now control nearly 50 percent.²

Financial concentration means that banks are no longer rooted in the communities they serve. At corporate headquarters in Charlotte,

In 2013, the last year for which data are available, 41 percent of African Americans in the Metropolitan Statistical Area (MSA) that includes Baltimore City were underbanked, while 13 percent were fully unbanked.

Pittsburgh, or New York, bankers make lending and investment decisions about distant markets, reduced through financial calculous into quantified, impersonal risks. Bankers hardly know their borrowers from numbers on a screen.³

Deregulation was supposed to make credit access easier for low-income and minority communities, which had long been cut out of mainstream financial markets. Indeed, while community banks were able to forge close relationships with local borrowers and develop intimate knowledge of local economic conditions—advantages that they still have over large, distant banks—these lenders were also complicit in the postwar era's deeply racist federal loan programs, designed to grow white suburban capital at the expense of urban minority communities. These programs created a thick legacy of financial disinvestment. Racialized credit exclusion continues to scar Baltimore's urban landscape.

Yet, far from ameliorating these injustices, financial liberalization and concentration have merely repackaged them. As large commercial banks have increasingly relied on credit scores and computer modeling to make lending decisions, economists and banking scholars argue, communities that already lack credit access are further excluded from financial citizenship.

Many Baltimoreans fall through the financial cracks. In the Baltimore Metropolitan Statistical Area (MSA), a region that includes Baltimore City and its surrounding counties, the Federal Deposit Insurance Corp. (FDIC) found that 6

percent of residents were "unbanked," lacking any relationship with a federally insured financial institution. Another 21 percent were "underbanked," maintaining some relationship with a federally insured bank, but also continuing to rely on fringe financial service providers, like check cashers and payday lenders, for their financial needs.⁴

These aggregate measures, which include the city's affluent suburbs, underrepresent the severity of conditions in Baltimore's low-income and minority neighborhoods. In 2013, the last year for which data are available, 41 percent of African Americans in the MSA were underbanked, while 13 percent were fully unbanked.⁵

Without mainstream financial institutions in their communities, residents have no entry point for developing financial identities. Banks, meanwhile, find the high cost of obtaining credit information in these communities prohibitive. They cannot balance price and risk. Better to venture their capital elsewhere.⁶

Under these constraints, innovations like subprime lending offered a welcome development in areas of the city that had long been starved of financial access. In a 2008 suit filed by the city against Wells Fargo for its predatory practices, Baltimore City attorneys praised subprime lending. Subprime "opened the door to homeownership" to consumers, "especially low- to moderate-income and minority consumers, who otherwise would have been denied mortgages." Access to credit—at any price—seemed preferable to continued financial exclusion.

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For communities long deserted by mainstream finance and without the capacity to develop digitized credit histories, the consolidation of American banking has pushed them even further to the margins. Geographic and structural distances compound like so much interest.

Yet, when profit-maximizing firms lack an affirmative public service mandate, subprime can quickly shade into predation. Following the relentless profit motive, distant, disembedded banks necessarily seek their interests over those of the communities they serve. Borrowers, often desperate for credit and with little financial experience, take the first loan terms on offer.

The final paradox of urban disinvestment in the age of financialization is the most problematic. As cities move to protect their residents—which Baltimore did by suing Wells Fargo, eventually securing a \$175 million settlement—they impose higher costs on troublesome banks while creating new anxieties for the firms following the rules. Unlike in the past, however, when geographic regulations confined banks within the communities they served, in our consolidated banking market, the nation's giant banks can pull back or pack up.8

Pulling Up Stakes

Since the 2008 crisis, many banks in Baltimore have taken just this approach. According to a Federal Reserve Bank of Philadelphia study, between June 2010 and June 2016, commercial banks closed 181 branches in the Baltimore MSA. In Baltimore County, these closings amounted to 25 percent of bank branches. The closings tended to occur in lower-income and non-white neighborhoods.⁹

Like financial concentration, this, too, is a national trend. Since the 2008 financial crisis, banks have aggressively closed branch offices, transitioning from offering financial services through physical bank buildings to offering banking services online. In the digital age, the divergence of mainstream finance from local communities is accelerating.¹⁰

Community leaders, home buyers, and small-business owners, meanwhile, find fewer institutions with the knowledge and commitment to venture capital in risky neighborhoods. For communities long deserted by mainstream finance and without the capacity to develop digitized credit histories, the consolidation of American banking has pushed them even further to the margins. Geographic and structural distances compound like so much interest.

Baltimore residents and community advocates have followed these trends closely. In October 2017, the Charlotte, North Carolina-based Bank of America announced plans to close its Reisterstown Plaza branch in Northwest Baltimore, sparking significant community protests. Serving a moderate-income, predominantly-minority community, the branch had seen local deposits increase more than 200 percent from 2011 to 2016. Bank of America nevertheless closed the branch, its eighth such closure since 2006. According to the Maryland Consumer Rights Coalition, most of these closures took place in majorityminority communities, despite widespread deposit gains in these branches.

For Bank of America, the leading deposit holder in the city, the Reisterstown branch closure was the logical outcome of a strategy aimed at reducing its physical footprint and shifting consumers toward online banking. Yet for residents and business owners dependent on the branch, the move marked a significant reduction in financial access. "They're using the technology changes as an excuse to close inner-city branches," Robert Strupp, of Baltimore Neighborhoods, Inc., told the website Baltimore Brew in October 2017. "But there are many people there who need them."

The reduction in physical banking infrastructure in Baltimore has been matched over the same period by a declining commitment to small-business lending. In a report for Johns Hopkins 21st Century Cities Initiative, former U.S. Under Secretary for Domestic Finance Mary Miller and her coauthors found that large commercial banks have sharply decreased their lending to small firms in the city, from over \$400 million annually in 2006 and 2007, to under \$300 million in 2014 and 2015.¹²

Like branch closures, declining small-business lending is driven by big bank strategies that emphasize technology over physical branches. "National bank lending tends to focus on credit card loans," Miller observes. Yet, "while credit cards are an important capital source for small businesses, they cannot replace the importance of larger working capital loans in helping to grow small businesses." Credit card loans also fail to meet small-business owners' needs for mundane but essential services, like depositing cash and making change, that depend on a physical bank infrastructure that national banks are eager to reduce.¹³

Moreover, economic research shows that small-business owners and would-be entrepreneurs without established credit rely on branch networks to develop relationships with bankers. Bankers learn about local economic conditions and borrowers' intangible, personal traits—including character, competence, and work ethic—through local, interpersonal interactions. It's this local knowledge that is at the heart of the "art and practice of small-business lending," which Miller and her coauthors hope to revive. 14

Altogether, the evidence points to a process of creeping disinvestment, as banks shift from place-based services delivered through branches to digital services delivered online. The data, however, do not account for areas of the city that have long been without mainstream financial services, and consequently lack the means of developing credit identities necessary to gain access through online platforms. Branch closings mean little to neighborhoods that lack branches to begin with.¹⁵

In a financialized world, where financial access and financial identity are essential components of full and functional economic citizenship, Baltimore's unbanked and underbanked communities are effectively excluded—exclusion that is only likely to increase as for-profit banks reassess the relationship of price and risk in these neighborhoods and opt to locate elsewhere.

In Baltimore—as in other cities—community advocates are looking for ways to overcome the market's circular logic of financial exclusion. One option gaining momentum in cities and states across the country is public banking.

Public Banking: Finance with Public Purpose

Baltimore's challenges are specific, but hardly unique; rather, across the nation, local officials and community advocates grapple with the persistent failure of forprofit financial firms to provide capital and prosperity where they are needed most. In the long wake of the 2008 financial crisis, communities continue to watch scandal-ridden Wall Street banks gamble in opaque financial markets, while promising local projects go unrealized for lack of funding. The ties that once bound banks to communities have frayed, generating impassioned calls to re-embed finance in the social fabric—to re-instill banking with public trust.

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Direct public ownership of financial institutions offers an unambiguous path toward achieving that goal. In cities and states across the country, politicians and activists see city- and state-owned banks as a means of withdrawing from relationships with troubled private firms like Wells Fargo, and instead investing public funds in socially motivated projects and broad-based financial inclusion. Building on successful examples from the U.S. and abroad, advocates seek to invigorate finance with public purpose. "A public bank will allow New Jersey to invest in New Jersey, period," New Jersey Governor Phil Murphy argued in a typical call to action. "It's the type of big thinking we need to get back on track."16

Los Angeles: Public Banking on the Ballot

Arguably, the most advanced effort to institute public banking unfolded recently in Los Angeles. There, the public banking movement originated from a deceptively simple problem: what to do with all the cash generated by the city's cannabis industry. In July 2017, LA City Council President Herb Wesson proposed an ambitious plan to develop a public bank that would provide financial services to the cannabis industry and, in turn, reinvest the cash generated by the industry in dynamic public projects. With a green foundation, as it were, the bank could invest locally, multiplying marijuana profits through the transformative power of finance.¹⁷

Once Wesson introduced his proposal, LA's municipal banking movement gained a precipitous political momentum, eventually embodying a larger progressive-populist vision aimed as much at economic justice and local self-determination as the quaint concerns of pot dealers. In its expanded scope, the LA effort joined a growing public banking movement in cities across the country, including San Francisco, New York, Seattle, and St. Louis, and in more than 20 states, including Michigan, New Jersey, Pennsylvania, and Vermont.¹⁸

Three converging forces drove public banking advocacy in Los Angeles. The first was the marijuana industry, which stood to gain basic deposit safety and basic small-business financial services. A separate group of progressive activists, represented by groups like Public Bank LA, placed public banking at the center of an expansive economic justice mission. Municipal banking, these advocates argued, would enable cities to cut ties with predatory Wall Street banks, while offering underbanked city residents access to low-cost financial services.¹⁹

The third strand of public banking advocacy was driven by a similar impulse, but different actors. In the long shadow of the 2008 financial crisis, LA officials were eager to reduce the city government's and city economy's exposure to swings in global financial markets. To take one frequently cited example, during the crisis and years after, large banks sharply reduced local small-business lending. For the city government, a public bank promised a decisive source of countercyclical finance, filling local credit channels when bank capital dried up.²⁰

As Wesson's proposal moved through the city council's planning bureaucracy in late 2017, the three reform impulses all attached to what was provisionally called the Municipal Bank of Los Angeles (MBLA). In addition to Wesson's initial plans for a cannabis bank, the council outlined seven objectives for MBLA, which can be summarized as:

- 1. To provide commercial banking and capital market services to the city government at a lower cost (and even at a potential profit).
- 2. To provide equitable access to financial services to city residents, especially those that enhance economic opportunity (e.g., small-business and student loans).
- **3.** To provide direct investments to develop local infrastructure, housing, and economic growth.

Under the government-led public banking model, public banks use government funds to promote local economic development through local lending and investment, especially by partnering with existing community banks and mission-driven financial service institutions.

At base, these ambitious plans depended on harnessing the cash resources and financial service requirements of the Los Angeles government, which, according to the city's legislative office, "requires banking services similar to those of a multi-national corporation." By transferring these services from private firms to a public entity, advocates argued, the city would necessarily save money by cutting out the profit demands of private investors. Moreover, with the city's banking business as a foundation, MBLA would have been able to develop into a dynamic financial institution, generating revenue and returning profits to the city.²¹

Although it failed to meet voter approval, LA's public banking proposal offered optimistic solutions to concrete problems Baltimoreans will recognize. For many Angelenos, the banking market is broken. According to the FDIC, 9 percent of city residents are unbanked, and an additional 15 percent are underbanked. One in five LA neighborhoods has no financial institution within its borders. Residents of these so-called banking deserts cannot develop the credit histories necessary to participate in mainstream financial markets. An arid credit wind drives economic decline.²²

Competing Approaches: Government-Led vs. Community-Led Public Banking

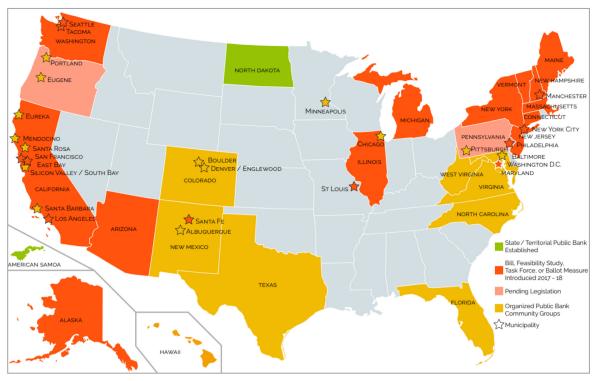
The Los Angeles public banking proposal, and those like it in cities and states around the country, is a bold call to reinvigorate public purpose in banking. Having long been subject to the power and caprice of finance, local

governments now wish to control it—to reclaim ownership of their community assets from distant financial firms.

The three pillars of the public banking movement in Los Angeles represent three paths toward government-owned banking that have largely been pursued independently in other places. The first, marijuana banking, we will set aside—the political and legal obstacles, entwined with federal criminal law, make the issue too complex for our present discussion. The next two positions might be profitably labeled "government-led public banking" and "community-led public banking"—terms meant to suggest the foundation of each approach's political support and the thrust of their objectives. As in the Los Angeles proposal, the goals embodied in these approaches are distinct, but not mutually exclusive.

Government-led public banking, promoted by organizations like the Public Banking Institute (PBI), primarily emphasizes using state or municipal funds to establish publicly owned banks that then provide local governments with low-cost financial services. Governmentled public banks, in turn, enable local governments to end their reliance on what advocates characterize as unethical Wall Street banks, which charge local governments expensive fees to invest community resources in distant financial markets. Instead, under this model, public banks use government funds to promote local economic development through local lending and investment, especially by partnering with existing community banks and mission-driven financial service institutions.²³

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2018: The Year of the Public Bank Cities and states around the country have new legislation to create Public Banks

Source: Public Banking Institute, "Map of Public Banking," http://www.publicbankinginstitute.org

In Seattle, a city-led initiative outlines the goals of public banking as follows:

- **1.** To achieve independence from socially irresponsible financial institutions.
- To establish fiscal benefits for the city through lower-cost financial services (or profits generated by performing these services).
- **3.** To grow public benefits by overcoming market failures to meet community needs.²⁴

Investing community resources in local public banks, advocates argue, generate both government economy and local development. Using standard multiplier analysis, a study examining Governor Phil Murphy's proposal in New Jersey found that for every \$10 million in new lending generated by a state-owned

public bank, New Jersey could expect to reap an increase of between \$16 million and \$21 million in overall state output, and between 60 and 93 new jobs. The twin slogans of Pennsylvania's Public Bank Project—"Banking for Main Street, not Wall Street," and "more jobs-less taxes"—capture the aims and bipartisan appeal of these proposals.²⁵

The Public Banking Institute (PBI), a hub for public banking advocacy nationwide, makes the case most strongly. "Public banks can help us create the communities we want," PBI argues. "We want parks, good roads, safe bridges, clean energy, and housing we can afford. We want lower interest rates for local small-business loans, local control of our tax dollars, investment in our local communities, and ethical and transparent financial institutions managing our public funds. Public banks can be the financial engine that makes this happen for our communities."²⁶

Focused more on governments' financial service needs and broad-based economic development, the government-led public banking model is less explicitly concerned with social justice and financial disfranchisement. Government-led proposals focus less on the unbanked and more on infrastructure financing.

Emerging from the foment of Occupy Wall Street and rising tide of democratic socialism, community-led public banking groups, like Public Bank LA and Public Bank NYC, instead put social and economic justice at the center of their public banking agenda. Like government-led advocates, community-led public banking proponents emphatically want to remove public funds from the coffers of goliath banks. But the positive objectives of these groups, here from Public Bank NYC, are more diverse and more ambitious:

- To make equitable investments that support low- and extremely low-income housing, union and living wage jobs for New York City residents, democratically controlled clean energy, public infrastructure, cooperative ownership, and small businesses, prioritizing minority and women-owned businesses and locally based enterprises.
- 2. To foster community wealth-building and neighborhood-led development, including by financing cooperative, not-for-profit, and non-speculative models that provide long-term public benefit.
- 3. To expand high-quality, affordable financial services to low-income and immigrant communities and communities of color, by partnering with nonprofit and mission-driven community development financial institutions, especially community development credit unions.
- **4.** To promote transparency and accountability in municipal finance, including by providing comprehensive, non-extractive banking services to New York City and New York City agencies.²⁷

While each of these objectives contains much to unpack and digest, community-led public banking, at its core, recognizes what Baltimore residents know well: A rising economic tide does not, perforce, lift all boats. Historical racial, class, and gender exclusions have left entrenched legacies. Robust, targeted policies will be necessary to overcome them. In a financialized world, these solutions must incorporate financial institutions, whether to provide a bridge from fringe to mainstream finance, or to redefine the mainstream altogether. Where private finance is unable or unwilling, these advocates contend, public finance must play an essential role.

Skeptics will doubt the feasibility of these goals. They may point to federal policies, like the Equal Credit Opportunity Act or the Community Reinvestment Act, that are designed to address such community needs. Yet, as the priorities of the current administration make clear, federal enthusiasm and enforcement fluctuate with national politics. Public banking advocates of all stripes demand instead local control and local accountability.

And advocates are getting results. Public banking, in a variety of forms, is solidly on the agenda in cities and states across the country, where policymakers have proposed legislation and undertaken feasibility studies. As they have done so, advocates have looked to existing public banking institutions, in the U.S. and abroad, for models to apply and extend.

Public Banking in Practice

Both government-led and community-led public banking approaches have a firm basis in public banking experience, in the United States and in markets across the globe. As Baltimore officials and community advocates grapple with the city's varied financial needs, they should look to these examples as test cases for the approaches discussed above. As they do so, however, they must also account for the existing privately directed, public-service financial infrastructure—the preferred vehicle for channeling financial flows toward public needs.

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The Bank of North Dakota

In the United States, public banks have played a significant, though minor, role in the nation's financial history. Many individual states operated development-oriented banks before the Civil War, but longstanding traditions of private corporate ownership, fears of political corruption, and specific nuances in U.S. banking law, effectively stymied the development of a truly public banking sector. Instead, much of U.S. development finance, especially since the New Deal, has operated through public guarantees of private loans.²⁸

An important exception is the Bank of North Dakota (BND), chartered in 1919 to promote "agriculture, commerce, and industry" in that state. BND is the sole depository of North Dakota state funds, and it promotes a robust local development agenda through its active management of agricultural, real estate, business, and student loans. It is the archetypal government-led public bank.

In making local loans, the bank largely avoids competition with other in-state lenders, using loan purchases and participations to provide liquidity, while leaving decision-making with local banks. One consequence of this strategy is that North Dakota has the highest per-capita rate of community banks in the country.

Because of its prudent management and the state's recent growth on the back of the shale oil boom, BND has emerged as a case study in government-led public banking success. Through its partnerships with community banks, BND provided an important source of local liquidity in the aftermath of the 2008 financial crisis. In 2017, the bank experienced its 14th consecutive year of record profits, reporting \$145.3 million in net earnings on \$7 billion in assets and \$825 million in capital. Those profits, in turn, form a small but significant portion of the state's operating budget.²⁹

Nevertheless, the bank's success is largely a function of the circumscribed role it plays. BND works in partnership with—rather than in competition with—local banks, and largely leaves risky, social, and development lending to other North Dakota state agencies. In this way, North Dakota is like other states and municipalities, which operate special purpose financial institutions, like housing authorities, that make loans in the public interest and socialize the risk of these lending activities.³⁰

Sparkassen and Other Global Examples

The Bank of North Dakota, then, supports a deep, localized financial infrastructure, still largely dependent on private initiative to finance local development. It does not serve the needs of unbanked and underbanked communities, nor does it operate in an urban context. In the financial systems of Western Europe, however, municipal and regional public banks have long existed to serve just these markets.

In Germany, for example, publicly owned municipal banks, or Sparkassen, make up a significant component of the country's financial sector, accounting for 15 percent of bank assets in 2017. Sparkassen are geographically restricted to their home cities, where they are supervised by local stakeholders. These firms carry out an explicit public mandate to provide financial services to the poor, while investing in sustainable, local economic development.³¹

Deeply embedded in the communities they serve, Sparkassen are important conduits of small-business lending within the German economy. Small German firms largely rely on long-term bank financing, generated through close, interpersonal relationships with local financial institutions. With their geographic restrictions and local investment mandates, Sparkassen are particularly well-suited to this kind of lending. They know their communities. This local knowledge, in turn, reduces transaction costs for small firms with limited credit histories.³²

Community-led public banking, at its core, recognizes what Baltimore residents know well: A rising economic tide does not, perforce, lift all boats. Historical racial, class, and gender exclusions have left entrenched legacies. Robust, targeted policies will be necessary to overcome them.

In many developing countries, publicly owned banks play even more important roles, providing a full range of financial services, especially regional and infrastructure development. In India, 26 publicly owned banks make up roughly three-quarters of the financial sector, operating more than 80,000 branches nationwide. These firms balance explicit social policy and profitability mandates and form, scholars argue, "an integral part of the public policy to support sustainable development and poverty alleviation."³³

Ultimately, scholarly research on how well public banks perform compared to their private counterparts is hotly contested. But since the 2008 financial crisis, scholars examining markets across the globe have reappraised the role of public banks. According to one recent analysis, current "literature suggests that public banks contribute to financial stability, provide lending support during periods of instability and economic recession, avoid the extreme moral hazard problems associated with private banks, encourage constrained behavior often accompanied with development objectives, and promote economic growth."³⁴

Postal Banking

One form of public banking that in the past has proven especially well-suited to providing low-cost financial services to low-income and disadvantaged communities is postal banking. Following models developed in Western Europe, the United States Post Office began offering insured savings accounts to small savers in 1911. Successful in the years before the Great Depression, postal accounts

were a haven for small savers during the 1930s banking crisis. Yet private bank opposition and a Cold-War era aversion to public ownership ultimately killed the program in the mid-1960s.³⁵

As a public banking model, postal banking has many distinct advantages. Handling small retail accounts is inherently expensive, but postal banks use the existing postal infrastructure, dramatically reducing overhead costs. Post offices are also spread throughout rural and urban communities, maintaining a physical presence in just the places often neglected by for-profit firms. And as University of Georgia law professor Mehrsa Baradaran argues, "people at every level of society, including the unbanked, have a level of familiarity and comfort with the post office that they do not have with more formal banking institutions."

Baradaran promotes postal banking as a model for offering low-cost financial services to marginalized communities, embracing the original savings mission of postal banking, while also expanding into basic credit granting. Although her proposal focuses on federal services through a federal agency, city and state governments also have developed physical infrastructures of offices and schools that could be repurposed to accommodate small finance on a local scale.³⁷

Public-Service Financial Infrastructure

Owing to a combination of political ideology, national myth, legal culture, and racialized perceptions of public goods, U.S. policymakers

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have long sought to incentivize or direct private initiative to promote public policy goals rather than founding purely public institutions. As policymakers consider the roles public banking can play, they must account for the existing privately directed public-service infrastructure that already seeks to direct finance toward marginalized communities.

This infrastructure is deeply rooted. At the turn of the 20th century, urban reformers developed a variety of specialized financial service firms designed to serve those we would now call "unbanked" or "underbanked." Credit unions for small-business loans, savings and loans for homeownership, and Morris Plan banks for small personal loans all successfully served low-income communities. During the New Deal, U.S. policymakers doubled down on this model, creating federal insurance programs for these so-called thrifts, while also developing a host of loan guarantee programs to encourage private firms to invest in socially desirable sectors, like housing and smallbusiness lending.38

The very existence of these publicly oriented firms and programs might seem to undermine the case for public banking. Yet, harnessing the private interest for the public good also runs into two predictable roadblocks. First, private interests are difficult to restrain and direct. In Baradaran's account, a significant proportion of credit unions, savings and loans, and Morris Plan banks eventually placed profits above their public-service mission. The most dramatic example came with the savings and loan crisis in the 1980s.³⁹

This failing is not confined to the United States. In Germany, many Landesbanken, regional equivalents of the municipal Sparkassen, converted into commercial banks during the run-up to the 2008 financial crisis, giving up their public purpose in pursuit of profit—often with disastrous consequences.⁴⁰

Meanwhile, public service institutions, when successful, draw forceful political opposition

from private firms that chafe at what they perceive as advantaged competition. The primary opponents of postal banking were for-profit banks. Credit unions and for-profit community banks remain locked in endless conflict over tax rules and membership requirements that seem to advantage one kind of firm over the other.⁴¹

Some approaches to public and quasi-public banking are better suited to mollifying private interests. The Bank of North Dakota, again, serves primarily as a bankers' bank, making loans in participation with private financial institutions, providing liquidity, and promoting local investment without competing with forprofit firms. Moreover, the most prominent bankers' banks are the Federal Reserve Banks, which represent the ultimate functional (and ambiguous) mix of public and private interests (and which some scholars argue should offer deposit accounts like the old postal banks).⁴²

More recently, Congress has tried to revitalize financial investment in urban areas through Community Development Financial Institutions (CDFIs). Emerging from then presidential candidate Bill Clinton's 1992 call for a network of 100 community development banks, CDFIs now take a variety of forms, from deposit-taking institutions to venture capital funds. Under current law, they serve defined geographic areas or target populations, providing loans and equity investments to underserved communities.⁴³

CDFIs have made significant contributions to community development in underserved markets. In 2016, these institutions made nearly \$4 billion in loans, 80 percent of which went to distressed areas and populations. But the program also faces stark limitations and is subject to the annual anxieties of federal budget appropriation. Moreover, by statute, CDFIs cannot be "an agency or instrumentality of the United States, or of any state or subdivision of any state." Or, in plain English, a CDFI cannot be a public bank.⁴⁴

In a sense, too, the emergence of CDFIs illustrates another core challenge inherent to the nation's privately directed, public-service financial infrastructure: its labyrinthine multiplicity. Comprised of a host of mostly small institutions, struggling for limited federal and grant funding, the financial patchwork leaves small-business owners, home buyers, and other potential borrowers facing a complex and enigmatic set of institutions and programs.

So too for bold community development projects. Financing options exist, but borrowers are often left to cobble together funding through a variety of programs, adding time and expense. A recent study focusing on Baltimore and Los Angeles found that minority small-business owners consistently lacked knowledge about and access to services best suited to their specific credit needs.⁴⁵

In sum, institutions like the Bank of North Dakota, German Sparkassen, and postal banks offer models that match the ambitions of government-led and community-led public banking advocates. Such institutions, however, cannot and will not operate in isolation. Rather, advocates must also account for the existing public-service financial infrastructure, in all its multiplicity and complexity, seeking ways to leverage local knowledge and experience to develop initiatives that meet common local goals.

Public-Service Initiatives in Baltimore

In Baltimore, community advocates and policymakers clearly understand the longstanding problems of urban disinvestment and financial exclusion in their city. In addition to existing public programs aimed at revitalizing neglected communities, such as the city's Land Bank and Community Catalyst Grant Program, Baltimore has eight active CDFIs providing community development and lending services. Indeed, despite the branch closings and disinvestment by large out-of-state banks, community advocates sense a potential turning point for financial services in the city.

Financing has long flowed into what Professor Lawrence Brown has termed the city's "White L," an area of racial and economic advantage running through downtown to the Inner Harbor. But community and government efforts are beginning to spread economic resources to the disadvantaged minority neighborhoods on either side.⁴⁶

Investment and economic opportunity in these neighborhoods are the explicit mission of Baltimore's recently inaugurated Neighborhood Impact Investment Fund (NIIF), a program that, at its core, looks a lot like a public bank. In a deal negotiated with the Maryland Economic Development Corporation (MEDC), the city has leased three city-owned parking garages to the MEDC in exchange for a 30-year, \$52 million loan—money the fund will then invest in blighted Baltimore neighborhoods.⁴⁷

The NIIF is fundamentally promising. Like the Bank of North Dakota, it is designed to aid existing institutions, leveraging local initiative for maximum public benefit. "One of the things I really would like to see," NIIF CEO Mark Kaufman explained, "is the capacity and impact of the CDFIs in the city increased, so we are aggressively going to work as a complement to those intermediaries, not as a competitor."⁴⁸

Nevertheless, NIIF is also fundamentally limited—as a fund, not a bank. It can only lend the money it has on hand. To safeguard the fund's resources, it can only devote a small percentage of its \$52 million to individual projects. Relying on other institutions to provide the bulk of the financing, it can only add to existing efforts. "The goal" is only, as Kaufman has said, "to fill gaps."

The difference between a fund and a bank is the difference between addition and multiplication. Both operations contribute meaningfully to public goals. A fund, though, is fixed; a bank can expand. Using its capital as a foundation, a bank can take deposits and make more loans. By making loans, it can generate deposits. Banks, in a fundamental sense, not

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Community leaders will need to conduct a rigorous, independent study to determine whether and how public banking can work for Baltimore. This is the path other public banking initiatives have taken.

only allocate existing funds, but they also create money. A local, publicly owned bank would create money *and* invest money locally.

By way of illustration—and following the ratio of capital to assets found in the Bank of North Dakota—a bank with a \$52 million capitalization might expect to invest more than \$440 million. With those resources, it could do more than "fill gaps."

Caution, of course, is warranted. Banks multiply capital. They also multiply risk. The rules governing banking are strict and complex, and the risks to public resources should be weighed differently than the risks to private funds.

Rather than a critique, then, this illustration offers a starting point for thinking about public banking in Baltimore. As a narrowly conceived institution, designed to overcome specific market failures, NIIF stands a better chance of success than a sprawling entity like the Municipal Bank of Los Angeles. It may also offer a wedge. With success, policymakers may expand its mandate; with success, they may find that the path through the thickets of regulatory approval is easier for a fund becoming a bank, than a de novo bank starting from scratch.

Recommendation: A Feasibility Study

Whether community leaders choose to build on the NIIF or forge a new direction, they will need to conduct a rigorous, independent study to determine whether and how public banking can work for Baltimore. This is the path other public banking initiatives have taken.

Establishing Broad Goals and Answering Narrow Questions

Before undertaking a study, community leaders must agree on a broad framework. Will they pursue a government-led plan, built around providing municipal financial services and promoting local economic development? Or, will advocates pursue a community-led path, aimed more aggressively at ensuring financial inclusion and economic justice? Will they pursue a strategy that prioritizes investment, as the NIIF does? Or will advocates seek a public bank that contributes more directly to small-business lending or individual financial inclusion?

Again, before undertaking the study, advocates should establish a clear set of policy guidelines for what a public bank aims to accomplish. A deeper analysis will address a host of subsidiary questions:

- 1. What are the city's current relationships with private financial institutions? What services do those institutions provide? At what cost?
- 2. What public benefits does the community most need? What public benefits are most feasible for a public bank to provide?
- **3.** What mode of organization will meet its purposes? Will the bank be an office within the city's finance department or a branch network designed to interface with the public?

- **4.** What sources of capital are available for the bank? How much will be necessary to meet its initial and long-term goals?
- **5.** Will the bank be independent from city government? What does independence mean philosophically and practically? Will the bank be publicly accountable, and if so, how?
- **6.** What method of governance will meet this purpose? What kind of banking charter will the bank need (and what will be necessary to obtain it)?
- **7.** What city, state, and federal laws will it need to comply with? What regulatory and supervisory approvals are necessary?
- **8.** What is the proper geographic scope of a publicly owned bank? Should it be bound by neighborhood, city, municipal, or state borders?
- **9.** What are the prospects for profitability in the short and long term?
- **10.** Are there other methods, besides chartering a public bank, that can help overcome the market failures the study has identified?
- **11.** How can advocates mollify political opposition from for-profit firms and other opponents?

Likely Results and Immediate Next Steps

Though optimistic and earnest, most public banking analyses have also been cautionary. Their concerns have squarely focused on the likelihood of profits and the regulatory challenges a public bank would face. These challenges will certainly exist in Baltimore as well, though they will manifest differently the vagaries of federalism and the ambitions of advocates.⁵⁰

Should the feasibility study prove successful, it will not be the advocates' last step; rather, advocates must then develop a business plan for the public bank. The business plan will have three constituencies. It will need to convince the public

and their political representatives to support the venture. It will need to convince the ultimate source of capital, which will likely include both policymakers and bond markets, that the proposal is sound, is independent of corrupting influence, and stands a significant chance of generating profits. And finally, it will need to convince a variety of federal and state regulatory and supervisory bodies that it will likewise be safe, sound, and in the public interest.

Indeed, perhaps the most salient lesson of LA's Charter Amendment B is that a public banking plan cannot advance without a functional business plan. Concerned that without a detailed plan the bank would quickly become a boondoggle, the editorial board of the Los Angeles Times was unambiguous in its opposition: "Charter Amendment B is one of the most ill-conceived, half-baked ballot measures in years." The paper's advice: "Vote no." And LA voters did. Advocates must forestall this response—and result.51

Alternate Approaches

Public banking, whether following the BND model or some more ambitious formula, is not a panacea. Although a public bank will not seek to maximize profits, profitability will nevertheless be a critical metric of legitimacy, inherently excluding projects where returns alone may not justify costs. Public banking also involves significant risk. How well will the public or politicians stomach the high start-up expenses or loan losses when the market turns? Public banking may enable the public to claim a larger share of the upside on investment projects, which usually accrues to private interests, but it exposes taxpayers to downside risk as well.

There are alternatives. First, Baltimore City could use its procurement contracts, alone or in concert with other cities, to mandate that firms the city banks with invest locally as well. Such mandates will very likely increase the cost of such contracts, but they may achieve the ends of public banking without the risk and expense of

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the city providing the service directly. Of course, if this is not the case, it serves as an additional argument in public banking's favor.

Baltimore could also provide greater coordination and support for local and mission-driven finance, as the NIIF explicitly sets out to do. Calls for public banking result from the erosion of community banking, while the existing mission-driven financial infrastructure can be confusing for potential borrowers. City governments can take on a coordinating role, while seeking to build local financial capacity through strategically awarding contracts to smaller firms. This approach will necessarily take time—Seattle found no takers when it tried to disaggregate its financial needs and portion them off to small banks.⁵²

Finally, federal advocacy for financial inclusion is important. Any effort to create a city- or state-owned publicly owned bank will require complex and difficult federal approvals. The whole process would be significantly eased by the creation of a federal public banking charter. Moreover, the Federal Reserve Banks could be the foundation of a new era in public banking, offering a variety of services from infrastructure lending to small savings accounts. Public banking is a local movement, but advocates should keep federal policy firmly in view.

Conclusion

A narrative is developing around public banking: It's too difficult, too expensive, and too uncertain. No one wants to be the first to try. The failure of LA's Charter Amendment B is only likely to exacerbate these concerns.

The most effective models of public banking, whether the Bank of North Dakota or the German Sparkassen, were founded deep in the past and developed slowly over time. The lesson from history may be that public banking's moment passed long ago, when Andrew Jackson vetoed the Second Bank of the United States, or when the National Banking Acts precluded public ownership. A private financial structure grew up instead, and it is

through that private structure that federal and state policymakers allocate the alphabet soup of financial welfare, from FHA and SBA loans, to CDFIs making investments in ailing cities. The financial crisis seemed like a moment when reform was necessary. Perhaps its momentum too has dissipated.

History offers another lesson. Ideas—ambitious, expansive, unproven—solidify as well as dissipate. Deposit insurance, which we take for granted, disastrously failed in New York in the 1840s. William Jennings Bryan proposed it again in the 1880s; a handful of states tried it again, and failed miserably again, in the 1910s and 1920s. But the idea remained available, and with the right institutional circumstances, became the foundation of our consumer financial system.

Public banking can be another such idea. It needs to be tested. It demands careful thought—about capital structures, legal frameworks, and independence from politics. But it is a formula that has worked and can work. With leadership and vision, it can work for Baltimore.

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Endnotes

- Jamie Smith Hopkins, "Another Down Year for Baltimore-Area Housing Market," Baltimore Sun, January 11, 2012; Zach Carter, "Why Does Wells Fargo Still Exist," Huffington Post, August 25, 2018, https://www. huffingtonpost.com/entry/why-does-wells-fargo-stillexist_us_5b80148ee4b0729515126185; Case profile, City of Baltimore v. Wells Fargo, Civil Rights Litigation Clearinghouse, University of Michigan Law School, https://www.clearinghouse.net/detail.php?id=11725
- 2 Howard Bancorp and 1st Mariner Bank, "Strategic Merger Investor Presentation," August 15, 2017 (Data from SNL Financial), https://www.snl.com/Cache/1001226874.PDF? O=PDF& T=&Y=&D=&FID=1001226874&iid=4120186; Griffin Financial Group, "Maryland Bankers Association Maryland Banks: Future, Present and Past," May 30, 2012 (data from SNL financial), https://www.griffinfingroup.com/files/resources/MBA_05_30_12.pdf; World Bank, 5-Bank Asset Concentration for United States [DDOI06USA156NWDB], Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/DDOI06USA156NWDB.
- 3 Sumit Agarwal and Robert Hauswald, "Distance and Private Information in Lending," The Review of Financial Studies 23, no. 7 (2010): 2757–88.
- Federal Deposit Insurance Corporation, "2015 Survey Results for Baltimore-Columbia-Towson, MD," https://www.economicinclusion.gov/surveys/place-data.html?where=Baltimore_Towson_MD&when=2015.
- Federal Deposit Insurance Corporation, "Unbanked Rates by Year for Baltimore-Columbia-Towson, MD & US," https://www.economicinclusion.gov/surveys/2015household/documents/yoy/MSA-Unbanked-Baltimore Towson MD 2015 YOY Analysis.html; Federal Deposit Insurance Corporation, "Underbanked Rates by Year for Baltimore-Columbia-Towson, MD & US," https://www.economicinclusion.gov/surveys/2015household/documents/yoy/MSA-Underbanked-Baltimore_Towson_MD 2015 YOY Analysis.html.

- 6 Richard E. Gottlieb and Andrew J. McGuinness, "When Bad Things Happen to Good Cities: Are Lenders to Blame?," Business Law Today 17, no. 6 (August 2008): 13–17; James L. Greer and Oscar Gonzales, Community Economic Development in the United States: The CDFI Industry and America's Distressed Communities (New York: Palgrave Macmillan, 2017), 23-29.
- 7 Gottlieb and McGuinness, "When Bad Things Happen to Good Cities;" "Third Amended Complaint for Declaratory and Injunctive Relief and Damages," City of Baltimore v. Wells Fargo, Case No. 1:08-cv-00062-JFM, U.S. Dist.Crt. D. Md., Civil Rights Litigation Clearinghouse, University of Michigan Law School, 8, https://www.clearinghouse.net/chDocs/public/FH-MD-0001-0001.pdf.
- 8 Case profile, City of Baltimore v. Wells Fargo, Civil Rights Litigation Clearinghouse, University of Michigan Law School, https://www.clearinghouse.net/detail.php?id=11725
- 9 Anna Tranfaglia, "Shrinking Networks: A Spatial Analysis of Branch Bank Closures," Working Paper 18-12 (March 2018), Federal Reserve Bank of Philadelphia, https://www.philadelphiafed.org/-/media/research-and-data/publications/working-papers/2018/wp18-12.pdf?utm_campaign=WorkingPapers=2018/03/20=E-mail, 5; National Community Reinvestment Coalition (NCRC), "Bank Branch Closures from 2008-2016: Unequal Impact in America's Heartland," https://ncrc.org/wp-content/uploads/2017/05/NCRC_Branch_Deserts_Research_Memo_050517_2.pdf.
- 10 NCRC, "Bank Branch Closures from 2008-2016."
- Fern Shen, "One Branch's Closure Sparks a Battle Against 'Banking Deserts' in Baltimore," Baltimore Brew, October 16, 2017, https://baltimorebrew. com/2017/10/16/one-branchs-closure-sparks-a-battleagainst-banking-deserts-in-baltimore. Baltimore Neighborhoods, Inc. ceased operations in August 2018.
- Mary Miller, et al., "Financing Baltimore's Growth: Measuring Small Companies' Access to Capital," Johns Hopkins 21st Century Cities Initiative (September 2017), 14, http://21cc.jhu.edu/wp-content/ uploads/2017/09/21cc-financing-baltimores-growthsept-2017.pdf. These figures include all banks with more than \$1.226 billion in assets, and some, but not all, with less.
- **13** Miller, et al., "Financing Baltimore's Growth," 17.
- Donald Morgan, Maxim Pinkovskiy, and Bryan Yang, "Banking Deserts, Branch Closings, and Soft Information," *Liberty Street Economics*, The Federal Reserve Bank of New York, March 7, 2016, https://libertystreeteconomics.newyorkfed.org/2016/03/banking-deserts-branch-closings-and-soft-information.html; Miller, et al., "Financing Baltimore's Growth," 28.
- **15** Tranfaglia, "Shrinking Networks," 7.
- "A Public Bank Investing in New Jersey Not Wall Street," Phil Murphy, Democrat for Governor, https:// www.murphy4nj.com/issue/a-public-bank-investingin-new-jersey-not-wall-street/; Katherine Landergan, "Murphy's Public Bank Proposal Garners Praise and Skepticism," Politico, April 9, 2017, https://www. politico.com/states/new-jersey/story/2017/04/ murphys-bank-proposal-garners-skepticism-andintrigue-111131.

Abell Foundation www.abell.org @abellfoundation P: 410-547-1300 July 2019

- "L.A. Council President Calls for Creation of Municipal Bank for Pot Businesses to Use," Los Angeles Sentinel (blog), July 27, 2017, https://lasentinel.net/l-a-council-president-calls-for-creation-of-municipal-bank-for-pot-businesses-to-use.html; Herb Wesson, "Municipal Bank," July 26, 2017, https://herbwesson.com/municipal-bank/; Julie Andersen Hill, "Banks, Marijuana, and Federalism," 65 Case W. Res. L. Rev. 597, 615 (2015).
- For other public banking movements around the country, see: Seattle Public Bank Coalition, http://www.seattlepublicbanking.org; Public Bank NYC, https://www.publicbankingpa.org; Public Banking Institute, https://www.publicbankinginstitute.org; Portland Public Banking Alliance, https://www.afd-pdx.org/vision--mission.html; https://stockton.edu/hughes-center/documents/2018-0326-exploring-a-public-bank-for-new-jersey-economic-impact-and-implementation.pdf.
- 19 Alejandra Molina, "Public Banking Will Be on the Ballot in L.A. this Fall," Next City, June 29, 2018, https://nextcity.org/daily/entry/public-banking-will-be-on-the-ballot-in-l.a.-this-fall; Public Bank LA, "Vote Yes on Charter Amendment B," https://publicbankla.com/images/Yes-On-B-Booklet.pdf.
- See, for example: Brian S. Chen, Samuel G. Hanson, and Jeremy C. Stein, "The Decline of Big-Bank Lending to Small Business: Dynamic Impacts on Local Credit and Labor Markets," NBER Working Paper No. 23843 (September 2017), https://www-nber-org.ezproxy.princeton.edu/papers/w23843; Kevin T. Jacques, Richard Moylan, and Peter J. Nigro, "Commercial Bank Small Business Lending Pre and Post Crisis," The Journal of Entrepreneurial Finance 18, no. 1 (Spring 2016): 22-48; and Miller, et al., "Financing Baltimore's Growth."
- 21 Sharon M. Tso, "Report of the Chief Legislative Analyst: Public Banking Framework and Existing Housing and Economic Development Funding Programs," Assignment No. 18-02-0178, February 26, 2018, 27, http://clkrep.lacity.org/ onlinedocs/2017/17-0831_rpt_CLA_02-26-2018.pdf; Public Bank LA, "Vote Yes on Charter Amendment B," https://publicbankla.com/images/Yes-On-B-Booklet. pdf
- Pederal Deposit Insurance Corporation, "2017 FDIC National Survey of Unbanked and Underbanked Households: Appendix Tables," October 2018, https://www.fdic.gov/householdsurvey/2017/2017appendix.pdf; Sharon M. Tso, "Report of the Chief Legislative Analyst," Assignment No: 18-08-0778, August 27, 2018, 5; Morgan, Pinkovskiy, and Yang, "Banking Deserts, Branch Closings, and Soft Information." Although the authors examine the consequences of banking deserts, they downplay their prevalence, defining a banking desert as a census track that lacks a bank with a 10-mile radius. This definition, however, fails to account for the specific conditions of dense, urban environments, especially those with insufficient public transit options.
- Santa Fe Public Bank Task Force, "Final Report to the Santa Fe City Council," April 2018, 8-10, https://www.santafenm.gov/media/archive_center/PBTF_Final_Report_070220181.pdf.

- 24 Andrea Batista Schlesinger, "Public Bank Feasibility Study for the City of Seattle," October 2018, 7, http://coscouncilconn.wpengine.netdna-cdn.com/ wp-content/uploads/2018/10/HR-A-Advisors-Public-Bank-Feasibility-Study.pdf.
- 25 Deborah M. Figart, "Exploring a Public Bank for New Jersey: Economic Impact and Implementation Issues," William J. Hughes Center for Public Policy, Stockton University, April 2018, 6, https://stockton.edu/hughes-center/ documents/2018-0326-exploring-a-public-bank-fornew-jersey-economic-impact-and-implementation. pdf; Pennsylvania Public Bank Project, https:// publicbankingpa.org/.
- The Public Banking Institute, "Why Public Banks," http://www.publicbankinginstitute.org/.
- 27 Public Bank NYC, "Mission and Vision," https://www.publicbanknyc.org/about.
- 28 Bray Hammond, Bank and Politics in America: From the Revolution to the Civil War (Princeton NJ: Princeton University Press, 1957). For instance, the National Banking Act of 1864 allows for a banking association to "be formed by any number of persons, not less in any case than five." This language, when combined with the liability provisions for stock ownership detailed later in the act, precludes bank ownership by corporate bodies.
- Yolanda K. Kodrycki and Tal Elmatad, "The Bank of North Dakota: A Model for Massachusetts and Other States?" Research Report 11-2, New England Policy Center (May 2011), Federal Reserve Bank of Boston, 4; Bank of North Dakota, "Bank of North Dakota Releases 2017 Annual Report," Press Release, April 17, 2018, https://bnd.nd.gov/bank-of-north-dakotareleases-2017-annual-report/
- **30** Kodrycki and Elmatad, "The Bank of North Dakota," 7-8.
- 31 Deutsche Bundesbank, https://www.bundesbank.de/en/statistics; Alan Brunner, et al., "Germany's Three-Pillar Banking System Cross-Country Perspectives in Europe," Occasional Paper 233 (June 2004), International Monetary Fund, Washington DC, 4; Dirk Engel and Torge Middendorf, "Investment, Internal Funds and Public Banking in Germany," Journal of Banking & Finance 33, no. 11 (November 1, 2009): 2132–39; Mark K. Cassell, "A Tale of Two Crises: Germany's Landesbanken and the United States' Savings and Loans," Journal of Banking Regulation; London 17, no. 1–2 (March 2016): 73–89.
- **32** Engel and Middendorf, "Investment, Internal Funds and Public Banking in Germany," 2134.
- 33 Almudena Martínez-Campillo, Mahinda Wijesiri, and Peter Wanke, "Evaluating the Double Bottom-Line of Social Banking in an Emerging Country: How Efficient are Public Banks in Supporting Priority and Non-Priority Sectors in India?," Journal of Business Ethics (July 2018): 1–22.
- Public Banks in the Age of Financialization: A Comparative Perspective, Christoph Scherrer, ed. (Cheltenham, UK: Edward Elgar, 2017); Rashmi Umesh Arora, "Do Public Sector Banks Promote Regional Growth? Evidence from an Emerging Economy," Review of Urban & Regional Development Studies 30, no. 1 (March 1, 2018): 67. See also: Patrick Behr, Daniel Foos, and Lars Norden, "Cyclicality of SME Lending and Government Involvement in Banks," Journal of Banking & Finance 77 (April 1, 2017): 64–77; Michael Brei and Alfredo Schclarek, "Public Bank Lending in Times of Crisis," Journal of Financial Stability 9 (2013): 820-30.

- 35 Mehrsa Baradaran, "It's Time for Postal Banking," Harvard Law Review Forum 127 (2014): 165–75; Christopher W. Shaw, "Banks of the People': The Life and Death of the U.S. Postal Savings System," Journal of Social History 52, no. 1 (September 22, 2018): 121.
- 36 Baradaran, "It's Time for Postal Banking," 166; Mark J. Scher, "Postal Savings and the Provision of Financial Services: Policy Issues and Asian Experiences in the Use of the Postal Infrastructure for Savings Mobilization," United Nations Department of Economic and Social Affairs, no. 22 (2001), http://www.un.org/esa/esa01dp22.pdf.
- Gary Robinson, "Pragmatic Financialisation: The Role of the Japanese Post Office," New Political Economy 22, no. 1 (January 2, 2017): 61–75; Baradaran, "It's Time for Postal Banking." For examples of private banks using public school infrastructure in this way, see: Leoneda Inge, "Durham NC's Hillside High School First to Open a Bank," WUNC 91.5: North Carolina Public Radio, January 28, 2014, http://www.wunc.org/post/durham-ncs-hillsidehigh-school-first-open-bank#stream/0; Kevin Wack, "How High School Branches Extend Union Bank's Minority Reach," American Banker, April 24, 2017, https://www.americanbanker.com/news/how-high-school-branchesextended-union-banks-minority-reach.
- There is extensive literature on the history of these firms. See: Louis Hyman, Debtor Nation: The History of America in Red Ink (Princeton, NJ: Princeton University Press, 2011); Anne Fleming, City of Debtors: A Century of Fringe Finance (Cambridge, MA: Harvard University Press, 2018).
- 39 Mehrsa Baradaran, "How the Poor Got Cut Out of Banking," *Emory Law Journal* 62, no. 3 (2013): 483–548. See also: Lisa Servon, *The Unbanking of America*, (New York: Houghton Mifflin Harcourt, 2017).
- 40 Cassell, "A Tale of Two Crises."
- 41 Shaw, "Banks of the People."
- 42 Morgan Ricks, John Crawford, and Lev Menand, "A Public Option for Bank Accounts (Or Central Banking for All)," Vanderbilt University Law School Legal Studies Research Paper Series, Paper 18-33, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3192162.
- "Minority Depository Institutions: Structure, Performance, and Social Impact," FDIC Quarterly 8, no. 3 (2014), 33-63.
- 44 U.S. Department of Treasury, CDFI Fund, "CDFI Program and NACA Program Awardees: A Snapshot in 2016," November 2018, https://www.cdfifund.gov/Documents/CDFI%20Performance%20Data-10-15-18%20FINAL%20508%20compliant.pdf; Greer and Gonzales, Community Economic Development in the United States, 93-109; Hyman J. Minsky, et al., "Community Development Banking: A Proposal to Establish a Nationwide System of Community Development Banks," Jerome Levy Institute, Public Policy Brief No. 3, 1993, http://www.levyinstitute.org/publications/community-development-banking.
- 45 Carolyn Karo and Jackson Mueller, "Partnership for Lending in Underserved Markets: Phase I Summary: Developing Action-Oriented Solutions to the Financing Challenges Facing Minority-Owned Small Businesses," Milken Institute (September 2017): 24, 27-36.

- 46 Federal Reserve Bank of Richmond, "Directory of Southeastern Community Development Financial Institutions (CDFIs)," (2017) https://www.richmondfed.org/-/media/richmondfedorg/community_development/resource_centers/cdfi/pdf/cdfis_in_the_southeast.pdf; Lawrence Brown, "Two Baltimores: The White L vs. the Black Butterfly," City Paper, June 24, 2016, https://www.citypaper.com/bcpnews-two-baltimores-the-white-l-vs-the-black-butterfly-20160628-htmlstory.html; Urban Institute, "The Black Butterfly," Racial Segregation and Investment Patterns in Baltimore," February 5, 2019, https://apps.urban.org/features/baltimore-investment-flows/.
- 47 Luke Broadwater, "Baltimore Mayor Pugh to Launch New Neighborhood Investment Fund with \$55M from Garage Leases," Baltimore Sun, May 2, 2018, http:// www.baltimoresun.com/news/maryland/politics/ bs-md-ci-neighborhood-impact-fund-20180501story.html; Ian Duncan, "Baltimore Neighborhood Investment Fund Set to Launch; \$52 Million to Back Building and Business Projects," Baltimore Sun, December 18, 2018, https://www.baltimoresun. com/news/maryland/baltimore-city/bs-md-cineighborhood-investment-fund-20181217-story. html; Press Release, Mayor Catherine E. Pugh, "Board of Estimates Approves \$51.7 Million Loan to Neighborhood Impact Investment Fund," December 19, 2018, https://mayor.baltimorecity.gov/news/ press-releases/2018-12-19-board-estimates-approves-517-million-loan-neighborhood-impact.
- 48 Jared Bray, "Balancing the Scales of Investment in Baltimore," Next City, January 3, 2019, https://nextcity.org/daily/entry/balancing-the-scales-of-investment-in-baltimore.
- **49** Duncan, "Baltimore Neighborhood Investment Fund Set to Launch."
- 50 Santa Fe Public Bank Task Force, "Final Report to the Santa Fe City Council;" Schlesinger, Letter of Introduction, "Public Bank Feasibility Study for the City of Seattle."
- 51 Schlesinger, Letter of Introduction, "Public Bank Feasibility Study for the City of Seattle;" The Times Editorial Board, "Charter Amendment B Is One of the Most Ill-Conceived, Half-Baked Ballot Measures in Years. Vote No - Los Angeles Times," latimes.com, http://www.latimes.com/opinion/editorials/la-edendorsement-city-bank-20180920-story.html.
- **52** Schlesinger, Letter of Introduction, "Public Bank Feasibility Study for the City of Seattle."

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by Sean H. Vanatta

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