# Industry In-Sight™

## Analysis of Liquidity in the U.S. & Canadian Capital System

**OCTOBER 2026**







JORDAN KNAUFF & COMPANY

BALMORAL® ADVISORS

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# The U.S and Canadian Capital Systems Work as One

The U.S. and Canadian capital systems and their economies are tightly linked such that they are one, symbiotic system that operates together as one capital system. Illustrations of this can be seen at various points in the balance sheet. At the top of the balance sheet, senior lenders Canadian Bank of Commerce (now known as CIBC) purchased The PrivateBank in Chicago to further establish a beachhead here in America. Similarly, BMO (Bank of Montreal) is among the most aggressive lenders in America based on their transactions and the types of credit agreement proposals they are presenting to clients. Therefore, at the top of the balance sheet, we see purely aggressive capital moving from and wanting to be deployed from a Canadian base into America.

Moving down the balance sheet to the equities section. A small group of Canadian public pension funds jointly opened an office in New York City to make investments in American companies. These investments would typically be mezzanine down to equity. These types of activities demonstrate the fact that the two systems operate together as one.

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# Why Cash Liquidity(1) is Important in the Middle-Market

For mergers and acquisitions (M&A) transactions in the middle-market, one of the most important concerns is the amount of liquidity in the marketplace. Greater liquidity can result in easier borrowing at lower rates. Thus, the cash positions of central bank reserves and non-banking finance companies (NBFCs) provide a general forecast for middle-market M&A. Much like in real estate, the ability to borrow at low rates usually increases the prices paid for assets and decreases the transaction time as more money chases a shrinking pool of desirable deals.

However, NBFCs and commercial banks do not frequently engage in M&A activities themselves, except as strategic buyers in their own industries. Private equity (PE) and strategic buyers are, by far, the most frequent participants in M&A. Thus, a forecast for the market can be obtained by measuring the level of uncommitted funds in PE and the amount of cash residing on corporate balance sheets, supplemented by the amount of cash reserves available to their financiers, the commercial banks. This is the "dry powder" that fuels the M&A middle-market. High levels of uninvested funds lead to pressure from investors to put capital to good use or return cash to the Limited Partners of PE funds and shareholders of cash rich corporations. This pressure can create an excellent climate for pitching deals.

All charts in this report are updated to the latest information available at the time of publication. Due to differing reporting dates for various data used throughout the report, all charts are not updated to the same ending period.

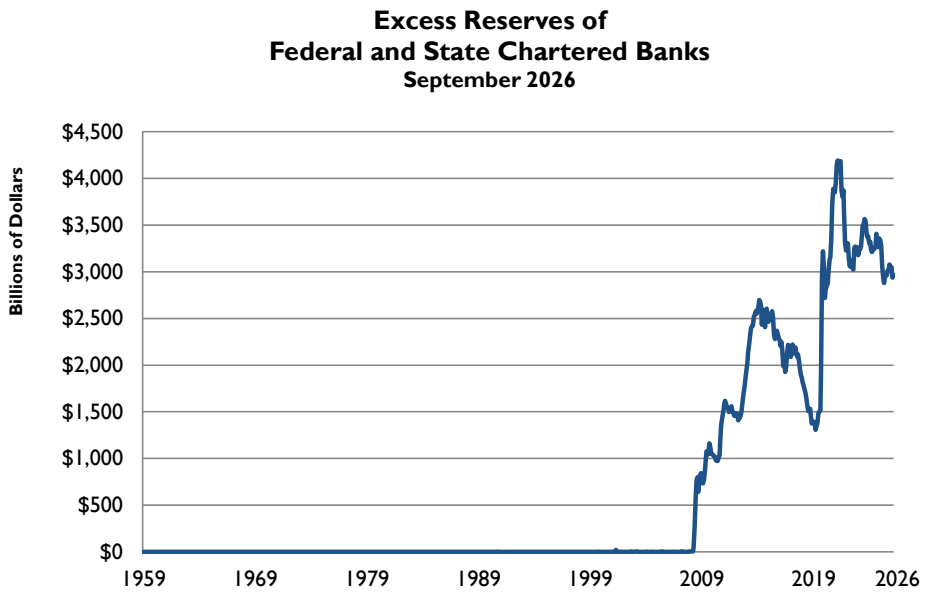
(1) Cash liquidity is defined as cash and cash equivalents for the purpose of this analysis.

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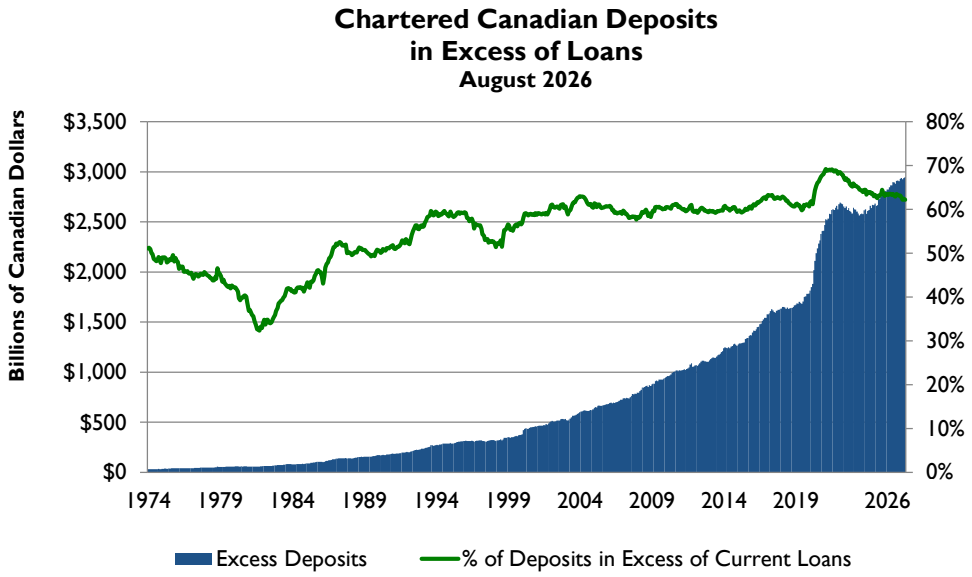
# Analysis of Liquidity in the U.S. & Canadian Capital System

- Banking System: Excess Reserve Deposits

**U.S. = $3.0 trillion(1)**




**Canada = $2.1 trillion (U.S.)(2,3)**

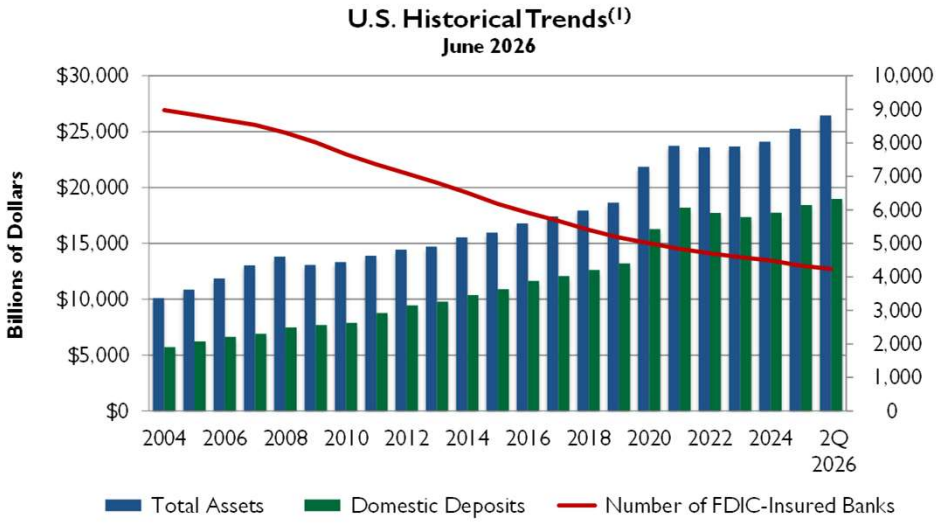


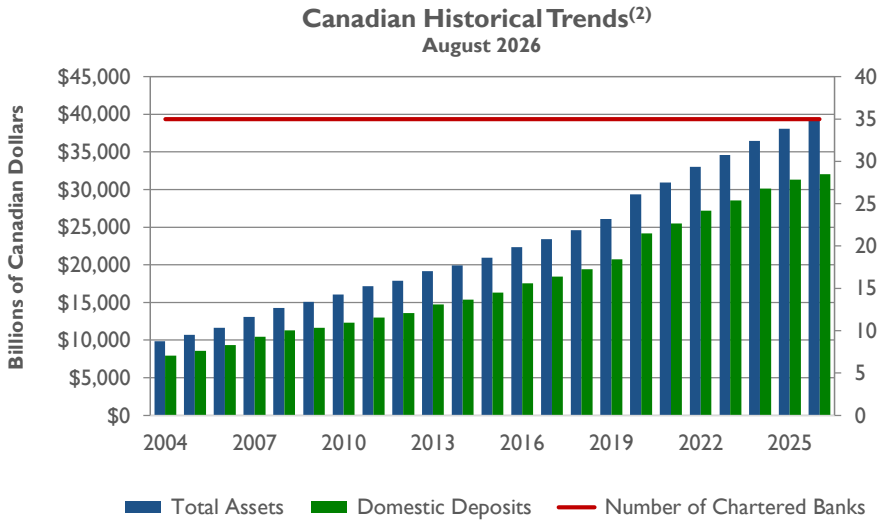

(1) Federal Reserve Bank of St. Louis. Federal Reserve Economic Data, October 27, 2026.
(2) Bank of Canada. Table 10-10-0116-01 - Chartered bank assets and liabilities and monetary aggregates, monthly average, seasonally adjusted, October 21, 2026. Conversion rate of 1 CAD = 0.716595 USD.
(3) The Canadian banking system does not require official levels of cash reserves, as in the U.K. and Australia. The data we have compiled to approximate U.S. excess reserves is the amount by which Canadian Chartered Bank Deposits exceed recorded loans.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

## Banking System: Historical Trends



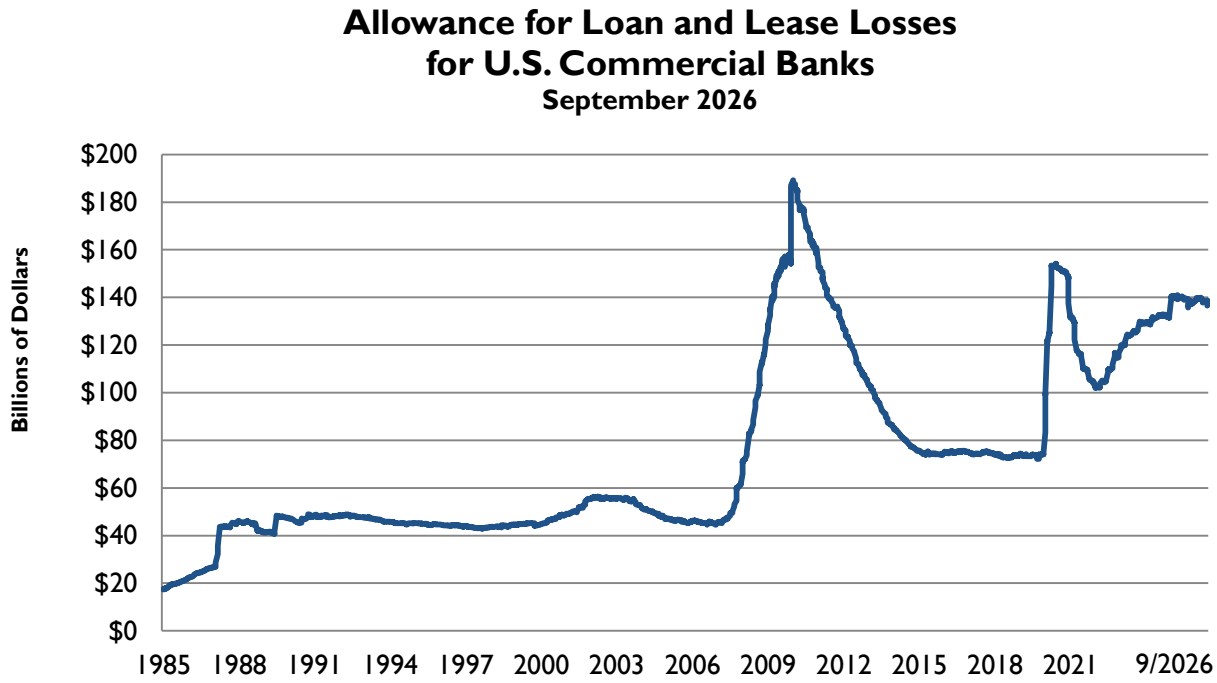

(1) The Federal Deposit Insurance Corporation, Statistics at a Glance, August 25, 2026.
(2) Bank of Canada. Table 10-10-0109-01 - Chartered banks, assets and liabilities, month-end, October 21, 2026. Office of the Superintendent of Financial Institutions (number of chartered banks). Regulations make it difficult for new firms to enter the Canadian banking industry.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. Commercial Banks Allowance for Loan and Lease Losses[1]

**U.S. = $0.14 trillion[2]**



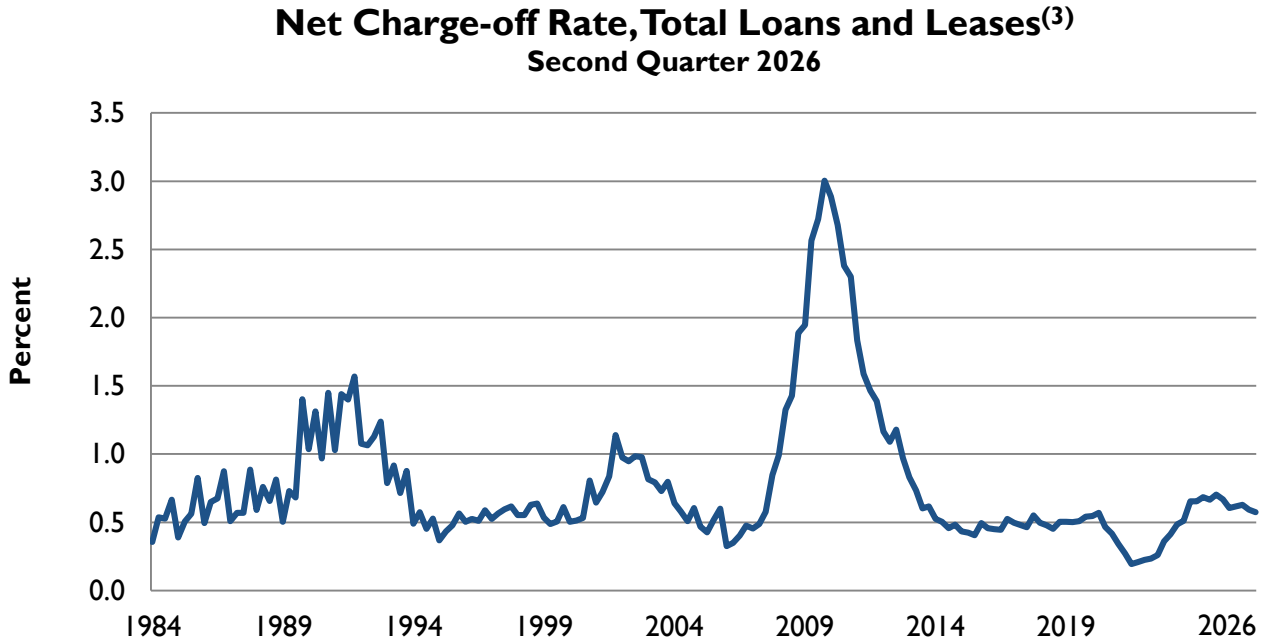

(1) The allowance for loan and lease losses refers to a reserve created by lenders for anticipated bad debts likely to arise due to the non-recovery of loans. The Bank of Canada does not have a reserve requirement for loan losses. However, the Office of the Superintendent of Financial Institutions (OSFI) requires banks to set aside funds to cover losses during financial uncertainties called the Domestic Stability Buffer (DSB). The DSB as of June 2024 is 3.5% of risk-weighted assets. Since launching the DSB in 2018, OSFI has increased the buffer six times. It applies to Canada's largest banks and is set twice a year.

(2) Federal Reserve Bank of St. Louis. Federal Reserve Economic Data, October 9, 2026.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. Net Charge-off Rate, Total Loans and Leases[1,2]




(1) Charge-off rates are the value of loans and leases removed from the books and charged against loss reserves. Charge-off rates are annualized, net of recoveries.
(2) Canada does not collect national level data on this sector.
(3) Federal Reserve Bank of St. Louis. Federal Reserve Economic Data, August 27, 2026.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. Finance Companies[1,2]

U.S. = $0.05 trillion[3]



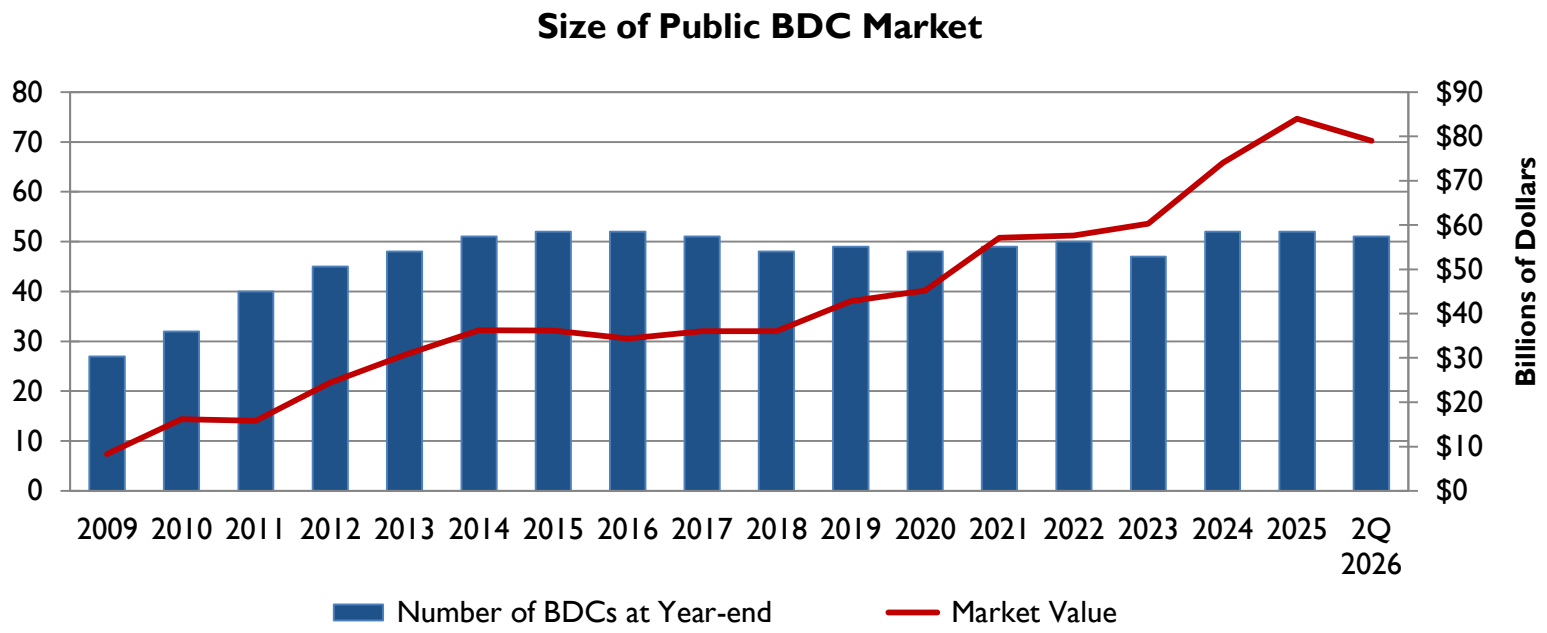

(1) The Federal Reserve defines finance companies as firms meeting the following criteria: (a) 50% or more of assets are business or consumer loans or leases; (b) the institution does not accept deposits; and (c) the institution is not an industrial loan corporation.
(2) Canada does not collect national level data on this sector.
(3) Federal Reserve Bank of St. Louis. Domestic finance companies, cash and cash equivalents outstanding, quarterly, not seasonally adjusted. September 24, 2026.

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- U.S. Business Development Companies (BDC)[1,2]

U.S. = $0.08 trillion[3]



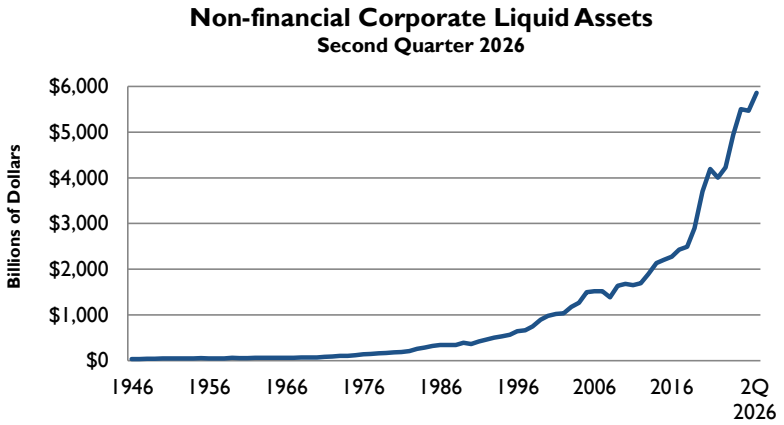

(1) Defined in a 1980 amendment to the Investment Company Act of 1940. A BDC may be either private or publicly traded.
(2) BDCs are similar to a closed-end mutual fund or REIT with the following investment restrictions: (a) a BDC must only purchase equity or offer debt to non-public firms with more than $2 million in capital and surplus, but less than $4 million in assets; and (b) a BDC must provide significant managerial assistance to the firms in its debt and equity portfolios.
(3) Compustat and Closed-End Fund Advisors, Quarterly Closed-End Fund & BDC Review and Outlook, Second Quarter 2026 Review, July 21, 2026.

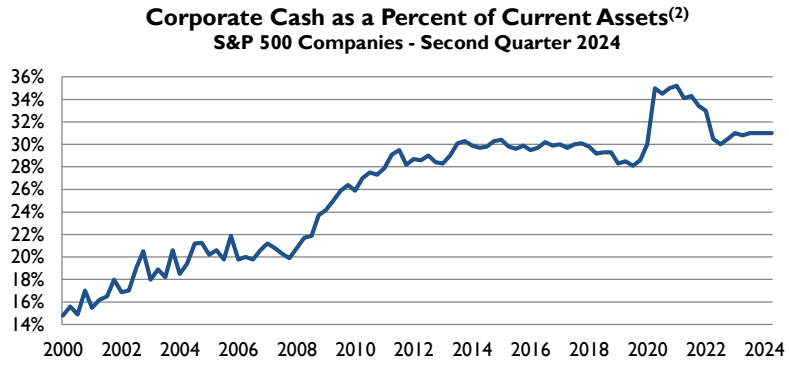
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# Analysis of Liquidity in the U.S. & Canadian Capital System

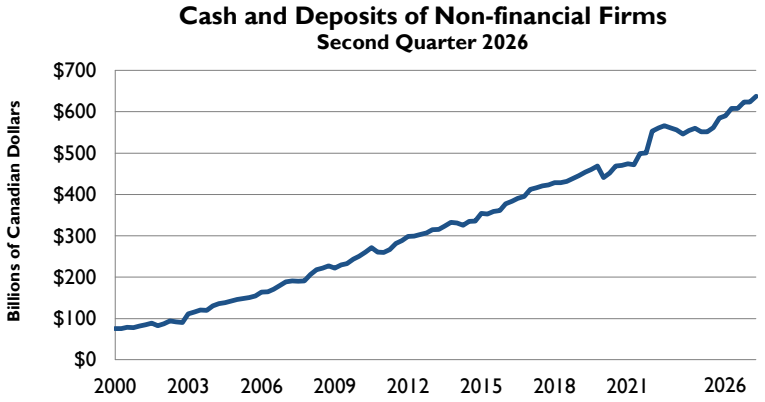
## Non-financial Corporate Balance Sheets

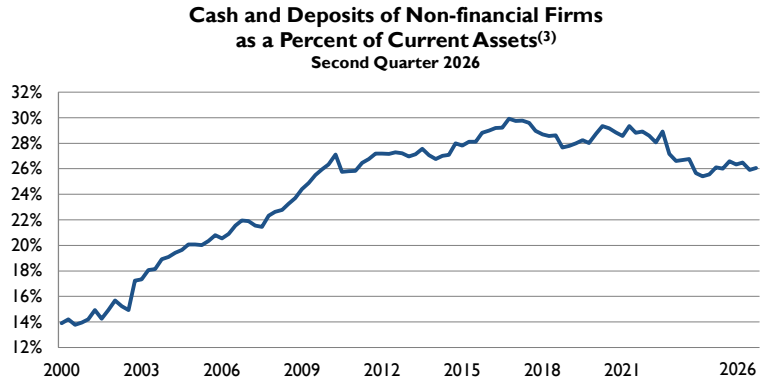
**U.S. = $5.9 trillion(1)**




**Canada = $0.46 trillion (U.S.)(3)**




(1) Board of Governors of the Federal Reserve System. Z.1 Financial Accounts of the United States – Second Quarter 2026, September 11, 2026, p. 94.
(2) J.P. Morgan Asset Management. Guide to the Markets 1Q 2025, December 31, 2024.
(3) Statistics Canada. Table 33-10-0225-01 - Quarterly balance sheet and income statement, August 24, 2026. Conversion rate of 1 CAD = 0.716595 USD.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

## U.S. Non-financial Corporate Cash Offshore

- What has driven the dramatic rise in U.S. corporate cash? The run-up is not uniform across firms but is concentrated in the foreign subsidiaries of multinational firms.(1)
- At the end of 2016, U.S. multinational corporations held over $2.5 trillion in foreign earnings overseas, of which approximately $850 billion to $1.2 trillion is estimated to be held in cash and other financial assets.(2)
- One explanation for the large foreign cash holdings is that the U.S. tax system, which until January 2018 deferred the U.S. taxation of active foreign subsidiary earnings until repatriation to the U.S., motivated firms to retain cash offshore.
- Falling foreign tax rates, coupled with relaxed restrictions on income shifting, are other reasons for the changing foreign cash patterns.(1)

| | | |
|---|---|---|
| **Gross U.S. Non-financial Corporate Liquid Assets** | **=** | **$5.90 trillion** |
| **<Estimated Offshored Cash>** | **=** | **<1.45 trillion>** |
| **U.S. Domestic Cash on Balance Sheets** | **=** | **4.45 trillion** |
| **+ Canadian Cash and Deposits** | **=** | **0.46 trillion** |
| Net U.S. and Canadian System Cash | = | U.S. $4.91 trillion |

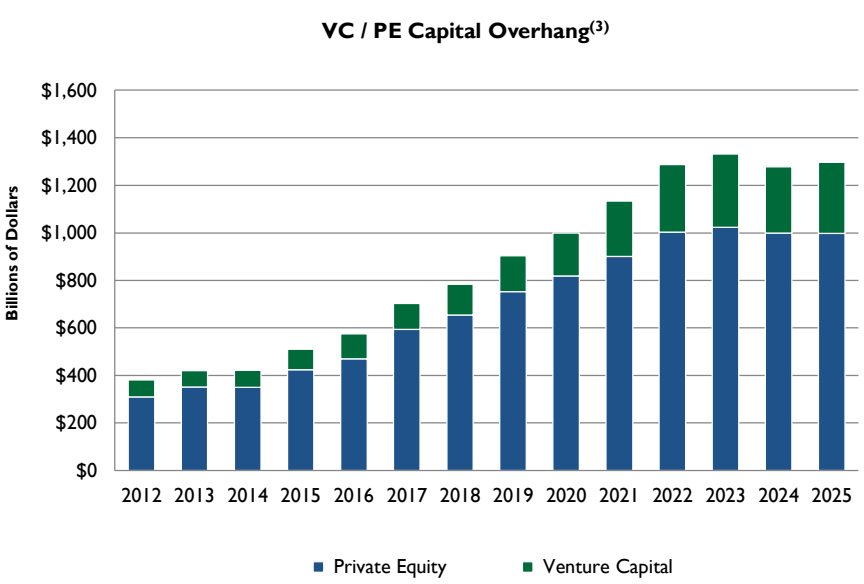
(1) Oxford University Press on behalf of The Society for Financial Studies. Understanding the Rise in Corporate Cash: Precautionary Savings or Foreign Taxes, 2019.
(2) Stanford Graduate School of Business. The Effect of Foreign Cash Holdings on Internal Capital Markets and Firm Financing, October 2018.

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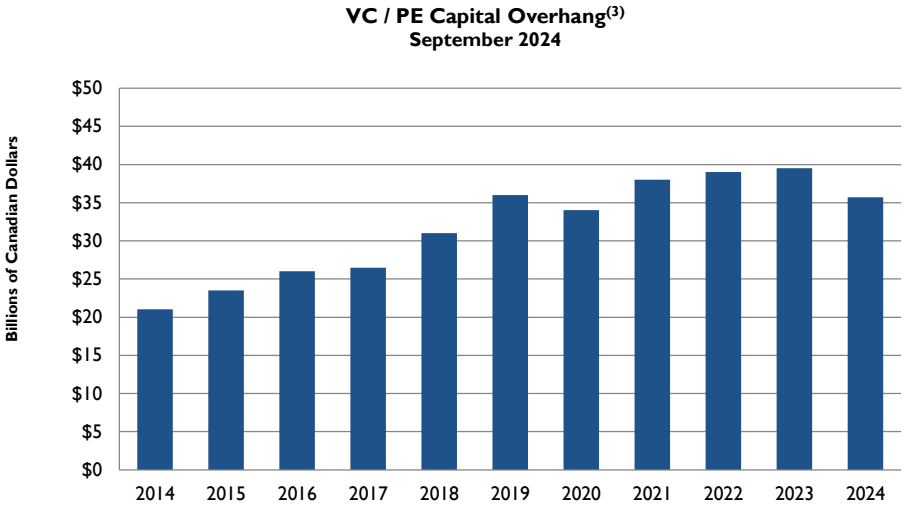
# Analysis of Liquidity in the U.S. & Canadian Capital System

- Venture Capital / Private Equity Uninvested Commitments

**U.S. = $1.3 trillion(1)**




**Canada = $0.03 trillion (U.S.)(2)**



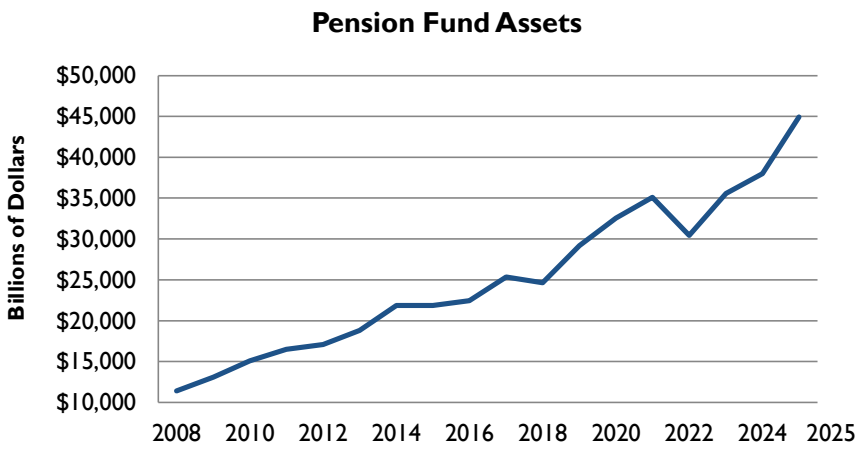

(1) Pitchbook, Q3 2026 U.S. PE Breakdown, October 6, 2026 (data as of December 31, 2025). 4Q 2025 PitchBook-NVCA Venture Monitor, January 14, 2026 (data as of June 30, 2025).
(2) Preqin Data Drop: Private Capital Fundraising in Canada 2025, May 2025. Conversion rate of 1 CAD = 0.716595 USD.
(3) Overhang refers to uninvested commitments to private equity and venture capital funds.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

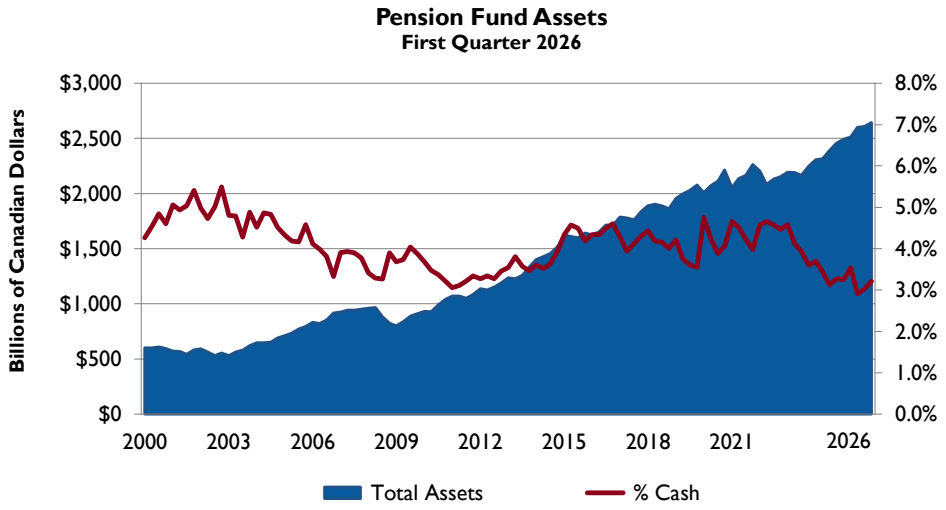
## Public and Private Pension Funds

**U.S. = $45.0 trillion(1)**




Current Average Cash Balance = 3.0% or U.S. $1.35 Trillion(1)

**Canada = $1.8 trillion (U.S.)(2)**




Current Average Cash Balance = 3.2% or U.S. $61 Billion(2)

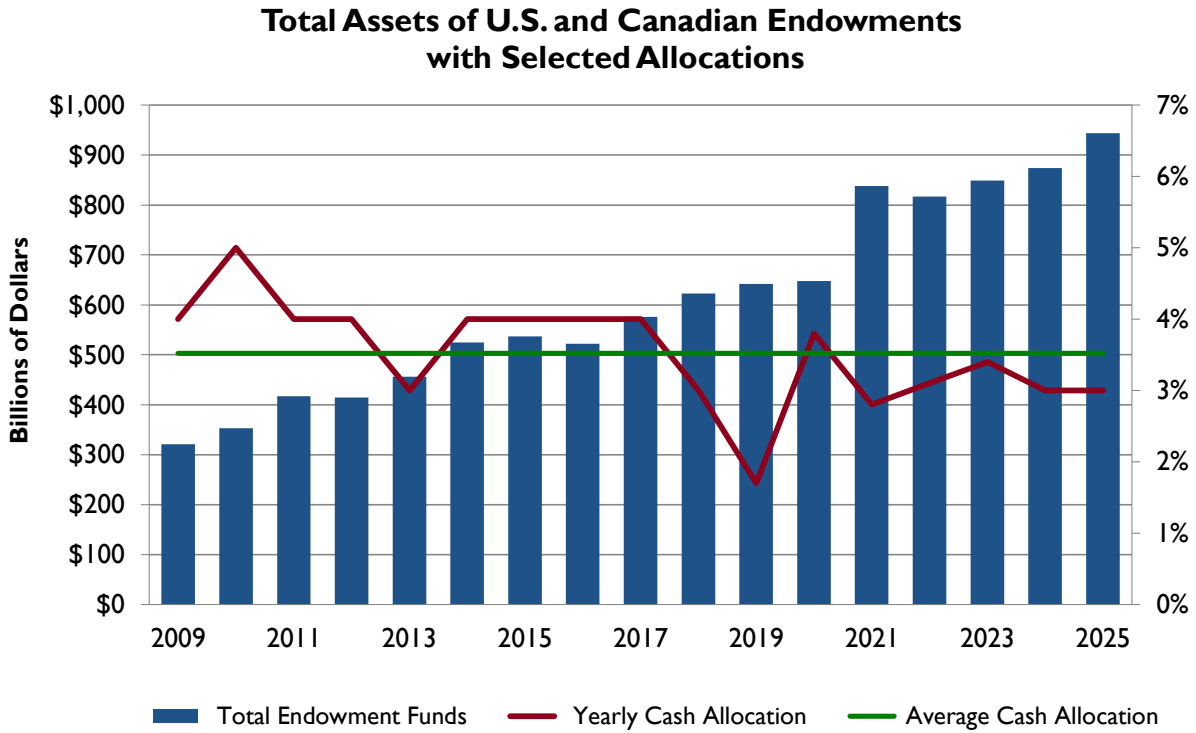
(1) Willis Towers Watson, Thinking Ahead Institute's Global Pension Assets Study 2025, February 9, 2026. Reported annually in February.
(2) Statistics Canada. Table 11-10-0085-01 - Trusteed pension funds, value of assets by foreign and domestic holdings, quarterly, September 9, 2026. Reported quarterly. Conversion rate of 1 CAD = 0.716595 USD.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

## Endowments

U.S. and Canada = $0.94 trillion (U.S.)(1)



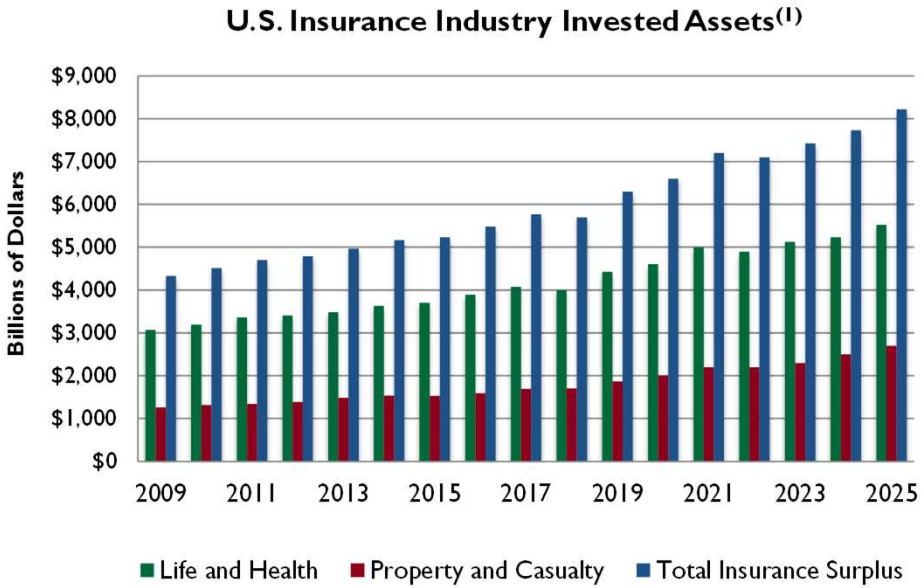

2025 Cash Balance = 3.0% or U.S. $28.2 billion

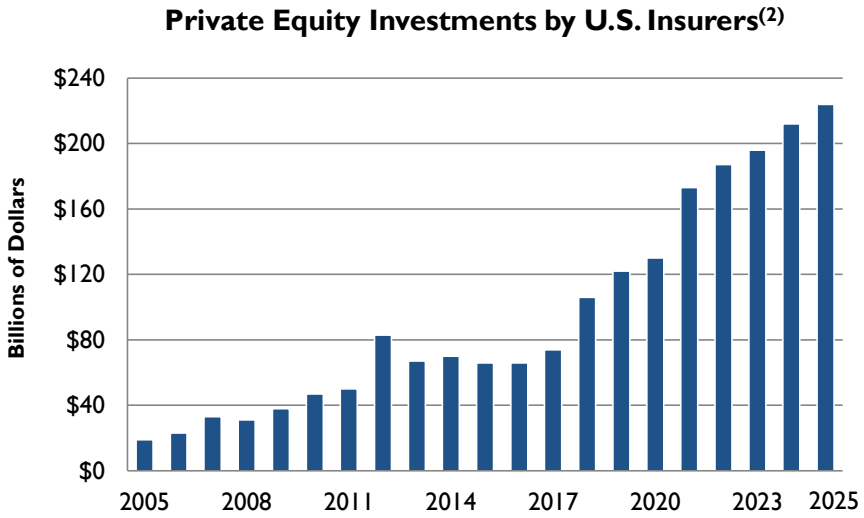
(1) National Association of College and University Business Officers. 2025 NACUBO-Commonfund Study of Endowments®, February 12, 2026. Reported annually in February. In U.S. dollars.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

## U.S Insurance Industry




(1) Federal Insurance Office. U.S. Department of the Treasury, Annual Report on the Insurance Industry, September 2026. Reported annually in September.
(2) National Association of Insurance Commissioners, Capital Markets Special Report, May 2026. Schedule BA listing of long-term invested assets excluding real estate and mortgages. Life insurance companies account for the largest PE exposure.

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# The Impact of Liquidity in the Current M&A Climate

An increasingly important factor in the M&A market is the presence of pension, insurance, endowment and family office funds. These investors are typically focused on much longer-term investments than other market participants. The public frequently views these participants as conservative investors benefitting "widows and orphans." However, the long liability horizons and predictable pay out requirements for these participants enable them to place large portions of their assets in illiquid, long-term investments. Although trends indicate that these funds are increasing their level of direct investment in private firms, the vast majority of these participants' impact on the M&A market is via PE funds. The lower the yields on fixed income, the more desirable PE investments become. The willingness and timing of PE firms to launch new funds often depends on the participation and sponsorship of these institutional investors.

A secular trend of low returning, fixed income assets and large amounts of corporate cash currently prevails. This environment leads PE operators into being more inclined to fill launched funds quickly in order to launch subsequent funds while conditions are still favorable for institutional investments. The desire of PE funds to make hay while the sun shines is augmented by corporate cash flowing into strategic acquisitions which places even more upward pressure on M&A pricing. All of these factors point to a prime sellers' market in M&A.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

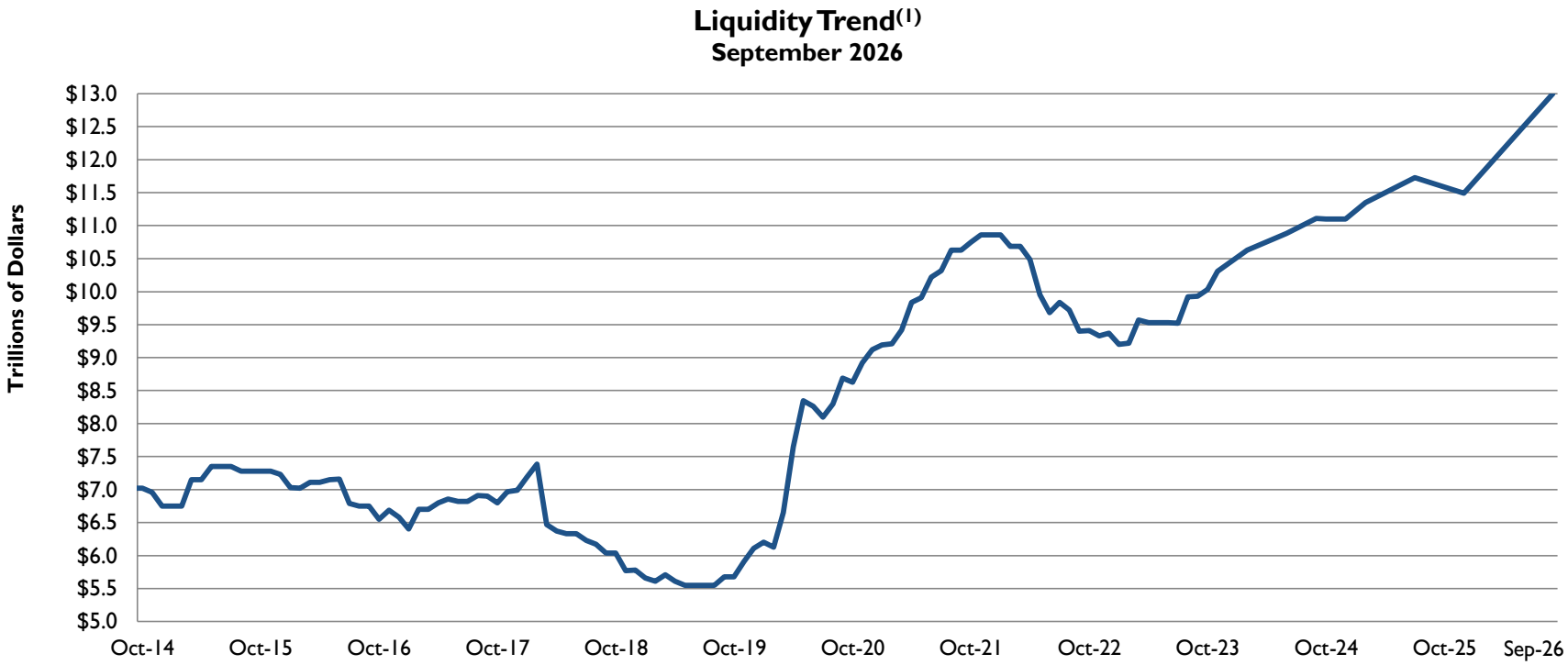
| Summary of Cash Liquidity in the U.S. and Canada | U.S. | Canada |
|---|---|---|
| Banking System: Excess Reserve Deposits | $3.0 trillion | $2.1 trillion |
| Commercial Banks Allowance for Loan and Lease Losses | $0.14 trillion | unavailable |
| Finance Companies | $0.05 trillion | unavailable |
| Business Development Companies | $0.08 trillion | unavailable |
| Non-financial Corporate Balance Sheets with Offshoring Adjustment | $4.45 trillion | $0.46 trillion |
| Venture Capital / Private Equity Uninvested Commitments | $1.3 trillion | $0.03 trillion |
| Public and Private Pension Funds: Cash Positions | $1.3 trillion | $0.06 trillion |
| | $10.32 trillion + | $2.65 trillion |
| Endowments (U.S. & Canada): Cash Positions | + $0.03 trillion | |

| Total Cash Liquidity Pool (September 2026) | $13.0 trillion (U.S.) |
|---|---|

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# Analysis of Liquidity in the U.S. & Canadian Capital System

## Cash Liquidity in the U.S. and Canada Over Time

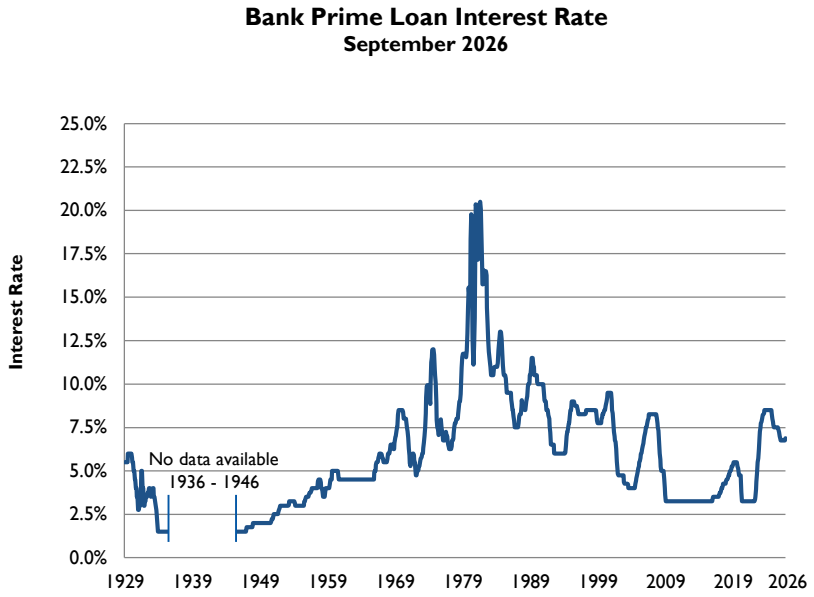


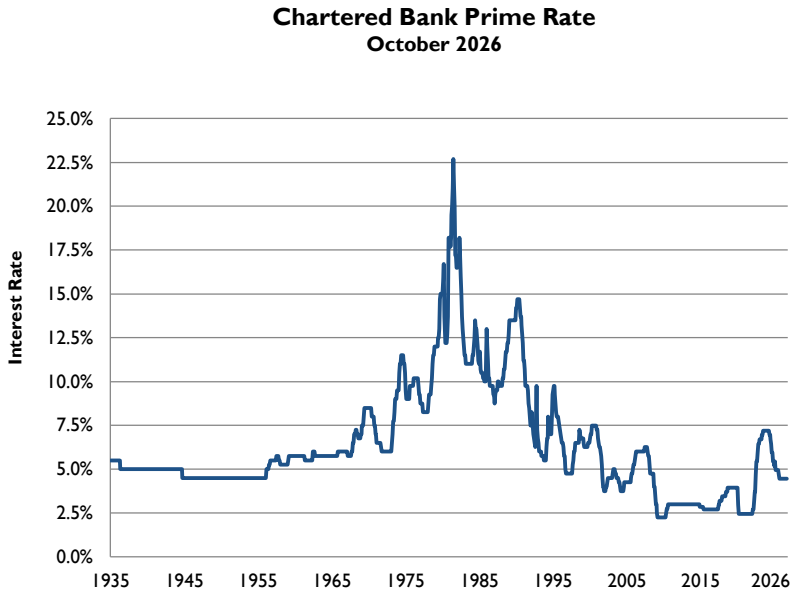

(1) Jordan Knauff & Company. As of September 2026, commercial banks allowance for loan and lease losses and business development companies are included in Total Cash Liquidity Pool.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. Bank Prime Interest Rate(1) and Canadian Chartered Bank Prime Interest Rate(2)



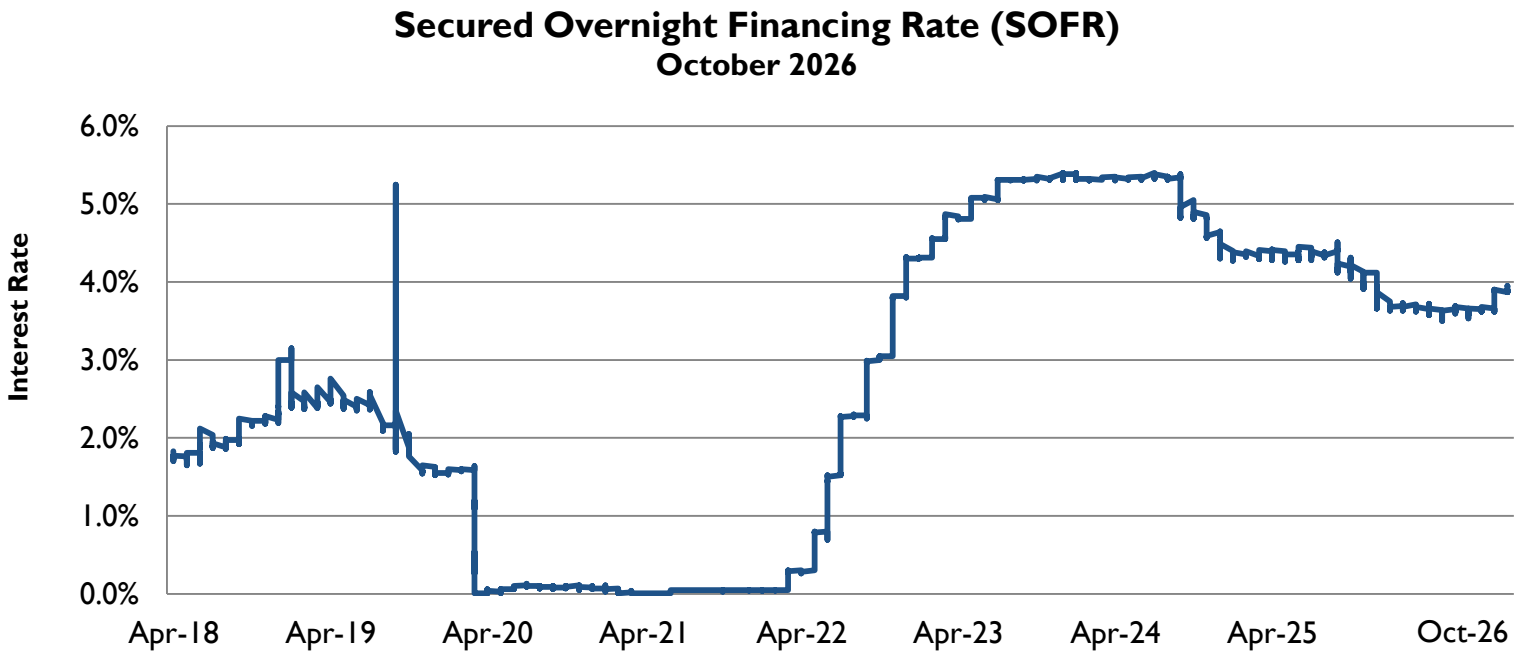

(1) Board of Governors of the Federal Reserve System. Federal Reserve Bank of St. Louis, October 1, 2026. Rate posted by a majority of top 25 insured U.S.-chartered commercial banks. Averages of daily figures. No data available 1936 – 1946.

(2) WOWA.ca, October 1, 2026. The prime rate is the interest rate charged to the most credit-worthy borrowers.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. Secured Overnight Financing Rate (SOFR)[1]

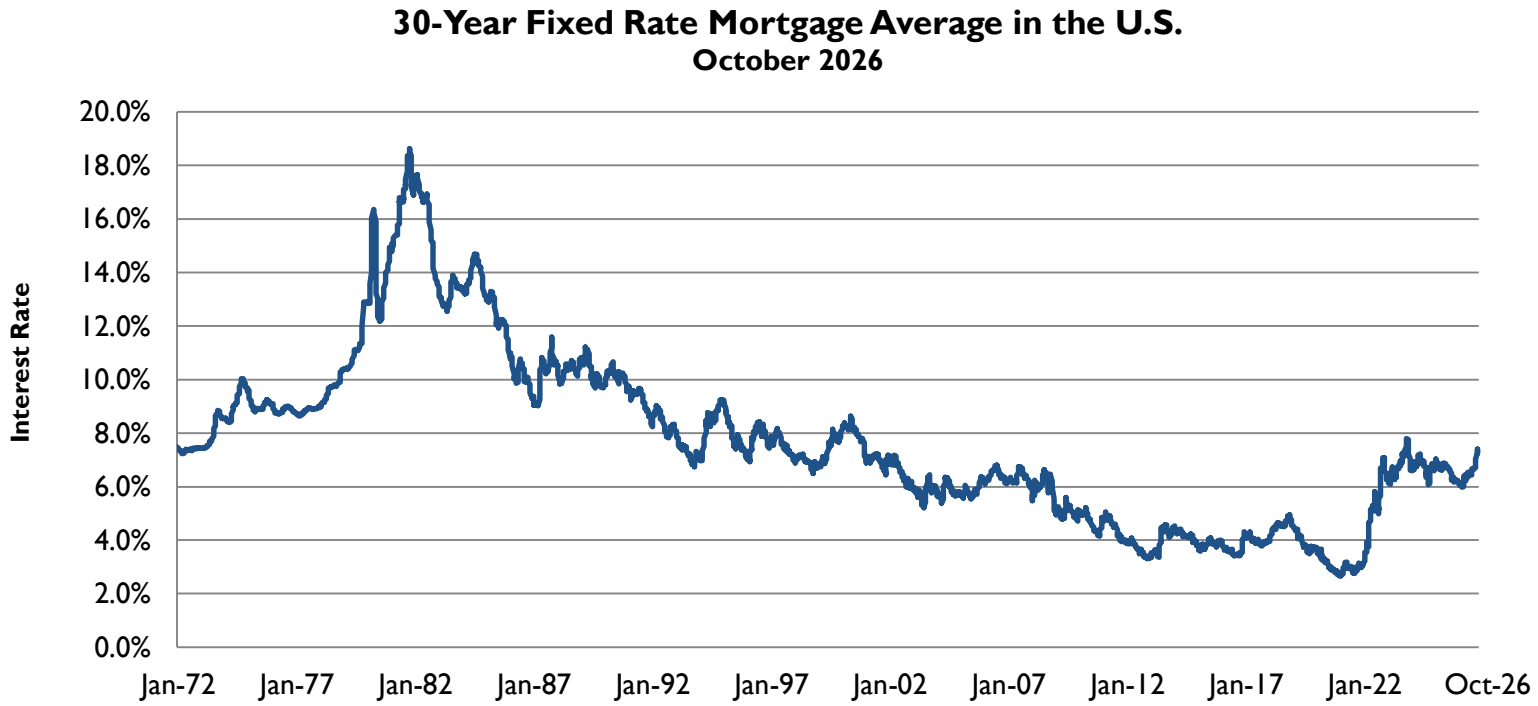



(1) Federal Reserve Bank of New York. Federal Reserve Bank of St. Louis, October 30, 2026. SOFR is a broad measure of the cost of borrowing cash overnight collateralized by U.S. Treasury securities in the repurchase agreement (repo) market.

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# Analysis of Liquidity in the U.S. & Canadian Capital System

- U.S. 30-Year Fixed Rate Mortgage Average[1]




(1) Freddie Mac. Federal Reserve Bank of St. Louis, October 29, 2026. The weekly mortgage rate is based on applications submitted to Freddie Mac from lenders across the country.

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JORDAN KNAUFF & COMPANY




**G. COOK JORDAN, JR.**
*Managing Principal*
(312) 925-9123
cj@jordanknauff.com



**LORI A. CALLAWAY**
*Research and Publications Consultant*
(773) 308-6919
lcallaway@jordanknauff.com



**STEPHANIE HAMMOND**
*Executive Assistant*
(312) 610-3511
shammond@jordanknauff.com


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100 South Wacker Drive, Suite 850
Chicago, Illinois 60606
(312) 254-5905
www.jordanknauff.com


BALMORAL ADVISORS




**CHRIS CERIMELE**
*Managing Partner*
(312) 371-3527
ccerimele@balmoraladvisors.com



**ULF ANGELIN**
*Managing Director*
(646) 919-4100
uangelin@balmoraladvisors.com



**ARYA ABEDIN**
*Managing Director*
(973) 980-8491
aabedin@balmoraladvisors.com



**DAVID KAKAREKA**
*Managing Director*
(312) 254-5907
dkakareka@balmoraladvisors.com


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100 South Wacker Drive, Suite 850
Chicago, Illinois 60606
(312) 766-9890
www.balmoraladvisors.com



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