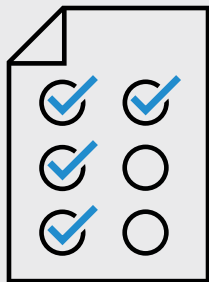


Instituting a Cash Investment Policy Statement



Empowering better decisions

An investment policy provides precise documentation of an organization's objectives and permissible investments.

Cash investment policy framework

Creating a solid foundation for future cash investment decisions

A well-stated cash investment policy (hereinafter “investment policy”) is an essential tool for an organization to provide a clear and documented view of its objectives and permissible investments. An investment policy communicates a common understanding of guidelines to all stakeholders and ensures a consistent approach to investing through all market conditions.

Many organizations are continually updating their investment policies to reaffirm investment goals and provide the framework flexibility to adjust to changing markets.

To help with this process, this framework outlines the most common elements in a typical investment policy, including the scope, objectives, definition of tolerance for risk and volatility, roles and responsibilities, benchmarks, permissible investments, credit quality, maximum maturity, duration, taxable vs. tax-exempt investing, realized gains/losses, reporting, evaluation and compliance, and custody.

It also includes sample language for your consideration that can be customized to fit any organization's needs.

This document is to be used solely as guidance and reviewed with the institution's legal counsel

This document is intended to serve as a guide for the creation of a cash investment policy; it includes a set of most common elements and considerations to be familiar with when discussing the creation or the modification by the appropriate parties of the institution in accordance with the particular needs and circumstances of the institution. It is furnished by J.P. Morgan Asset Management (JPMAM) solely as an accommodation to institutions and is not intended to constitute legal or tax advice. JPMAM does not represent or warrant that this document contains all of the terms that an institution would wish to include in its investment policy. As guidance, this document is not comprehensive and it does not take into consideration every factor that goes into creating an investment policy for individual institutions. These factors would include, but are not limited to, the institution's tax status, liquidity requirements and cash flow needs. This document also does not account for all of the legal and tax requirements of the various jurisdictions where this document may be shown.

This document was drafted by JPMAM for general informational purposes only and is not intended to provide legal advice or to be used or relied upon by any person or entity receiving this document. Neither this document nor JPMAM is rendering legal, other professional advice or opinions to any person or institution.

JPMAM assumes no liability to any person or entity in connection with the use of this document by any person or institution. JPMAM does not provide legal advice, and the information provided in this document should not be considered legal advice. This document should be reviewed with independent legal counsel to consider what changes are needed to meet the recipient's unique circumstances due to application of any applicable local, state, federal or country-specific laws. This document does NOT fulfill any party's due diligence and fiduciary responsibilities relating to cash investment policy statement structure.

Cash Investment Policy

Scope

This policy shall apply to **XYZ Corp.** and the following legal entities **list each legal entity** and all future legal entities of **XYZ Corp.** This policy applies to short-term cash managed by:

(Choose all that apply)

- Internal staff of **XYZ Corp.**
- Internal staff of all related legal entities of **XYZ Corp.**
- External manager(s)

Short-term cash is defined as operating capital necessary for daily operations and reserve, restricted and strategic cash. This policy does not cover long-term or pension assets of the organization. All investments covered under this policy will:

- Be purchased in U.S. dollars
- List currencies, or state that local currencies may be used by legal entities where applicable and desired to hedge asset exposure and minimize foreign exchange risk

Objectives

The primary objectives of **XYZ Corp.** are:

(Rank all that apply)

- Preservation of capital and protection of principal
- Safety of funds and investments
- Maintenance of sufficient liquidity to avoid unreasonable or avoidable risks
- Yield
- A high level of current income consistent with low volatility of principal
- A total return consistent with the benchmark

The portfolio should be managed in a way that is deemed prudent under the outline of this policy.

Roles and responsibilities

Within the organizational structure, the following have been given authorization to carry out the responsibilities as shown below:

(Choose the appropriate responsibilities for each role from the list below)

Role:

- Board of directors
- Investment committee
- CEO
- Treasurer
- Assistant treasurer
- Cash manager
- Treasury analyst
- Treasury department

Responsibilities:

- Approve investment policy
- Authorize revisions and recommend changes to the investment policy
- Provide investment oversight
- Execute policy
- Interpret policy and ensure conformity
- Approve exceptions to the policy in writing
- Open investment accounts
- Establish custody relationships
- Select and change external managers
- Execute investment documents
- Update and review policy on a predetermined periodic basis Invest cash
- Monitor the investment results of all external investment management firms, as well as any in-house investment activities
- Cash manager
- Treasury analyst
- Treasury department

Annual or **other time frame** review of the policy is required.

Cash Investment Policy

Benchmarks

XYZ Corp. intends to use the following benchmarks for each applicable currency:

(Choose the appropriate benchmark[s] for each applicable currency. Please note that this is not an exhaustive list of available benchmarks.)

USD Benchmarks (BofA Merrill Lynch and Barclays Capital are the most frequently used index providers.)

<input type="radio"/> 3-month U.S. Treasury Bill Index <input type="radio"/> 6-month U.S. Treasury Bill Index <input type="radio"/> 9-12 month U.S. Treasury Bill Index <input type="radio"/> 1-3 year Treasury Index <input type="radio"/> 1-3 year Government Index	<input type="radio"/> 1-3 year Government/Credit <input type="radio"/> 1-5 year Treasury Index <input type="radio"/> 1-5 year Government Index <input type="radio"/> 1-5 year Government/Credit
---	--

EUR Benchmarks

<input type="radio"/> 3-month Euro Government Bill Index <input type="radio"/> 3-month German Government Bill Index <input type="radio"/> Euro Government Bill Index <input type="radio"/> 0-1 year Euro Government Index <input type="radio"/> 0-1 year AAA Euro Government Index	<input type="radio"/> 1-3 year Euro Government Index <input type="radio"/> 1-3 year AAA Euro Government Index <input type="radio"/> 1-3 year AAA-AA Euro Government Index <input type="radio"/> 1-3 year Euro Aggregate Bond Index <input type="radio"/> 1-3 year Global Government Bond Index hedged to EUR
--	--

GBP Benchmarks

<input type="radio"/> 0-1 year UK Gilt Index <input type="radio"/> 1-3 year Sterling Broad Market Index <input type="radio"/> 1-3 year AAA Sterling Broad Market Index	<input type="radio"/> 1-3 year AAA-AA Sterling Broad Market Index <input type="radio"/> 1-3 year Global Government Bond Index hedged to GBP
--	--

SGD Benchmarks

<input type="radio"/> 1-3 year Singapore Government Index	<input type="radio"/> 1-3 year Global Government Bond Index hedged to SGD
---	---

AUD Benchmarks

<input type="radio"/> 1-3 year Australia Government Index	<input type="radio"/> 1-3 year Australia Broad Market Index
---	---

Permissible investments

While different countries will have different investment options, the permissible investments section of an investment policy defines the types of securities that are permitted, along with parameters for credit quality, maturity and diversification. This section should be updated periodically to reflect market changes and the organization’s evolving investment philosophy, which could include considerations like environment, social, and governance (ESG) guidelines. The chart on the next page is provided for illustrative purposes only and does not represent all investments or parameters. Based upon objectives, the organization would assign an appropriate parameter from the suggested ranges below.

Cash Investment Policy

Security type ¹	Minimum credit rating ^{2,3}	Maximum maturity	Maximum portfolio exposure ³	Maximum issuer exposure ³
U.S. Treasury securities	N/A	0–5 years	No limit	No limit
U.S. government agency obligations	N/A	0–5 years	50%–no limit	No limit
Obligations of non–U.S. agencies, governments and supranational organizations	All investment grade ratings from AAA to BBB–, or the equivalent, depending on credit risk tolerance	0–5 years	50%–no limit	5%–No limit
Commercial paper ⁴	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance	0–397 days	50%–no limit	3%–5%
Asset-backed commercial paper	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance	0–397 days	50%–no limit	3%–5%
Certificates of deposit (domestic, eurodollar and yankee)	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance ⁵	0–5 years	50%–no limit	3%–5%
Time deposits, including eurodollar deposits	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance ⁵	0–3 months	50%–no limit	3%–5%
Money market funds (institutional)	SEC Rule 2a–7 compliant, Institutional Money Market Funds Association (IMMFA) compliant ⁶ European Securities and Markets Authority (ESMA) ST MMF ⁶	N/A	50%–no limit	No greater than 5% to 10% of total assets of the money market fund
Private placement funds, including 3(c)(7) funds, lux Specialized Investment Funds (SIFs)	N/A	N/A	50%–no limit	No greater than 5% to 10% of total assets of the fund
Variable NAV short–term fixed income funds	Not generally applicable	N/A	50%–no limit	No greater than 5% to 10% of total assets of the fund
Corporate debt securities, including corporate notes, bonds and medium–term notes (fixed and floating rate)	All investment grade ratings from AAA to BBB–, or the equivalent, depending on credit risk tolerance	0–5 years	0%–50%	3%–5%
Asset-backed securities, including, but not limited to, securities backed by credit card, auto and other assets	AAA/Aaa/AAA	0–5 years weighted average life	0%–30%	3%–5%
Mortgage-backed securities, limited to agency mortgage-backed securities, including agency–collateralized mortgage obligations	N/A	0–5 years weighted average life	0%–30%	3%–5%
Commercial mortgage-backed securities	AAA/Aaa/AAA	0–5 years weighted average life	0%–30%	3%–5%
Traditional repurchase agreements, collateralized fully by cash or U.S. government securities ⁷	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance	Overnight to 95 days	50%–no limit	0%–25%
Non–traditional repurchase agreements, collateralized by corporate debt securities, sovereign debt, municipal debt, private mortgages, asset-backed securities, money market securities and equity	All investment grade ratings from A-1+ to A-2, or the equivalent, depending on credit risk tolerance	Overnight to 95 days	50%–no limit	0%–10%
Variable Rate Demand Notes (VRDNs)	A-1+/P-1/F1, SP-1+/Variable Municipal Investment Grade (VMIG) 1/F1A-1/P-1/F1, SP-1/VMIG 1/F1 ⁹	0–397 days ⁹	0%–100%	3%–10%
Municipal securities	All investment grade ratings from AAA to BBB–, or the equivalent, depending on credit risk tolerance ^{8, 10, 11}	0–5 years	0%–100%	3%–10%
Covered bonds	AAA/Aaa/AAA	0–5 years	0%–50%	3%–5%
Ultra-short ETFs	N/A	0–5 years	50%–no limit	3%–5%

¹ Where applicable, specify if it is permissible to purchase instruments in broad range of currencies.

² Order of ratings is S&P/Moody's/Fitch.

³ At time of purchase.

⁴ Including Euro Commercial Paper (ECP).

⁵ Depending upon the tenor of the certificates of deposit, long-term ratings may be more appropriate than the short-term ratings shown here.

⁶ Details on requirements are included in the Reference Guide.

⁷ Repurchase agreements are referred to as reverse repurchase agreements outside the United States.

⁸ Or, if unrated, have been determined to be of comparable quality.

⁹ For VRDNs, most commonly used maturity limits are reset dates, with most being puttable either daily or weekly, in which case an investor would receive its principal back within one to five business days stating a similar effective maturity.

¹⁰ Depending on the tenor of municipal securities, short-term ratings may need to be included here as well, such as A-1+/P-1 or the equivalent.

¹¹ It is common to use short-term ratings, especially with notes, (i.e., Bond Anticipation Notes, Tax Anticipation Notes and Tax and Revenue Anticipation Notes).

Cash Investment Policy

Credit quality

The minimum average credit quality of the portfolio will be **(choose one from the list below)** or the equivalent:

- AAA
- AA+
- AA
- AA-
- A+
- A
- A-
- BBB+
- BBB
- BBB-

The minimum credit quality for individual securities with short-term ratings will be **(choose one from the list below)** or the equivalent:

- A-1+/P-1/F1+
- A-1/P-1/F1
- A-2/P-2/F2

The minimum credit quality for individual securities with long-term ratings will be **(choose one from the list below)** or the equivalent:

- AAA/Aaa/AAA
- AA+/Aa1/AA+
- AA/Aa2/AA
- AA-/Aa3/AA-
- A+/A1/A+
- A/A2/A
- A-/A3/A-
- BBB+/Baa1/BBB+
- BBB/Baa2/BBB
- BBB-/Baa3/BBB-

For securities with split ratings, the **(choose one from the list below)** will prevail:

- Lowest rating
- Middle rating
- Highest rating

Each individual security held within the portfolio must be rated by

(Choose one)

- At least one nationally recognized statistical ratings organization, such as S&P, Moody's or Fitch
- At least two nationally recognized statistical ratings organizations, such as S&P, Moody's or Fitch
- Unrated securities may be included if the investment manager assigns an equivalent rating to the required minimum

Such ratings are required:

(Choose one)

- At time of purchase
- At all times

Maximum maturity

At the time of purchase only, the maximum maturity of individual securities is **X** years. For securities with puts or mandatory tenders, the put date or mandatory tender date will be used as the final maturity. For amortizing assets (such as asset-backed securities and mortgage-backed securities), the weighted average life (WAL) will be used as the measure of maturity. At the time of purchase only, the maximum WAL will not exceed **X** years.

Cash Investment Policy

Duration

The maximum interest rate duration of the portfolio will be no longer than X year(s).

Taxable vs. tax-exempt investing

This item is applicable to U.S. investors only. Other countries may have similar considerations: The organization will invest on a tax-aware basis to maximize after-tax return, subject to any net operating losses (NOLs) or other tax implications that may preclude the use of tax-exempt securities, and subject to all other criteria required by the policy. Because the organization's tax situation may change over time, its tax basis for the coming year will be determined annually by the Tax Department. Additionally, each portfolio must be reviewed with its portfolio managers to ensure it meets the organization's tax needs at that time. The determination regarding the purchase of a taxable security vs. a tax-exempt security shall be made at the time of purchase of each security.

Realized gain/loss

(Choose all that apply)

- The organization will establish an appropriate threshold for the potential realization of investment net gains and/or losses
- Net realized gains and/or losses will be kept to X percentage or X dollars per month/quarter
- Currently does not apply because the strategy is buy-and-hold, and securities are held to maturity

Reportings

(Choose all that apply)

- The investment manager
- The custodian
- The broker
- The internal treasury personnel

Responsible for the management of cash will provide statements, including transactions, market valuation, Financial Accounting Standards Board (FASB)/International Accounting Standards Board (IASB)/generally accepted accounting principles (GAAP) valuations, cash accruals and a review of the performance of the portfolio assets vs. appropriate benchmarks.

The reports should include the following:

- List of all securities held in the portfolio, including CUSIP, coupon and maturity dates, yield to maturity and ratings of the securities
- Mark-to-market details, with the unrealized gain/loss of each security in the portfolio
- Performance total returns for the month, year-to-date, rolling one-year and three-year periods, as well as all periods since inception
- Certification of compliance with investment policy

(Choose the frequency for each of the appropriate reports)

- Monthly
- Quarterly
- Semi-annually
- Annually

For investments in money market mutual funds, a detailed holdings report and fact sheet will be obtained monthly.

Cash Investment Policy

Evaluation and compliance

This policy has been approved by the **(choose one from list A)**. This policy is subject to amendment from time to time. The **(choose one)** is responsible for implementing, overseeing and reviewing this policy, and for making recommendations to the **(choose one)** for modifications thereto. Furthermore, the **(choose one)** has the authority to appoint qualifying outside managers. Should an exception need to be made, the **(choose one)** must approve. Any modifications or updates to this policy must be approved by the **(choose one)**.

(List A — choose one)

- Board of directors
- Investment committee
- CEO
- CFO
- Treasurer
- Assistant treasurer
- Cash manager
- Treasury analyst
- Treasury department

The **(choose one from list A)** will review the following on a:

(Choose one)

- Quarterly basis
- Semi-annual basis
- Annual basis
- Other

- Investment results for the most recent fiscal quarter
- Investment allocations among instruments
- Allocation of assets among investment solutions (money market mutual funds, bank deposits, individual securities)
- Credit ratings for the investment solutions and investment providers
- Current strategy given the outlook on interest rates, market conditions and liquidity needs
- Compliance with the investment policy

In the event a security is downgraded below minimum acceptable rating levels by any of the nationally recognized statistical rating organizations (NRSROs):

The external investment manager and/or treasury personnel responsible for the internal management of the corporate cash will provide the **(choose one from list A)** with a recommended course of action within a reasonable period of time. This may include selling the security. However, if the decision is made to hold the security, the reason for the decision must be documented.

Custody

All institutions with which the organization is permitted to place investments are eligible to provide custodial services. The organization will use custody services provided by:

(Choose one)

- External investment manager
- Broker-dealer
- Third-party custodian

Prior to contracting for custodial services, the external investment manager, broker-dealer or third-party custodian must agree to provide reporting as required by the organization in this policy, along with an annual SAS 70 or similar statement.

Approved as of _____,

XYZ Corp.

By: _____

Name: _____

Title: _____

Build stronger liquidity strategies with J.P. Morgan Asset Management

Rigorous credit and risk management, combined with access to J.P. Morgan's global resources and expertise, help us to deliver the most effective short-term fixed income solutions for our clients.

Global coordination, lasting partnerships

- Harness the power of our research-driven, globally coordinated investment process, led by our dedicated team of liquidity professionals.
- Make investment decisions based on actionable insights from our senior investors, and build portfolios based on the output of proprietary benchmarking tools.
- Select from a breadth of outcome-oriented solutions designed to help you build the most effective liquidity strategy.
- Tap into the award-winning innovation and success of one of the world's top liquidity fund managers, with over 30 years of demonstrated results across market cycles.

Next steps

Please contact your J.P. Morgan Asset Management representative for more information.

* The content of the website has been prepared exclusively for institutional, wholesale, professional clients and qualified investors only, as defined by local laws and regulations.

NOT FOR RETAIL DISTRIBUTION: This communication has been prepared exclusively for institutional, wholesale, professional clients and qualified investors only, as defined by local laws and regulations.

The views contained herein are not to be taken as advice or a recommendation to buy or sell any investment in any jurisdiction, nor is it a commitment from J.P. Morgan Asset Management or any of its subsidiaries to participate in any of the transactions mentioned herein. Any forecasts, figures, opinions or investment techniques and strategies set out are for information purposes only, based on certain assumptions and current market conditions and are subject to change without prior notice. All information presented herein is considered to be accurate at the time of production. This material does not contain sufficient information to support an investment decision and it should not be relied upon by you in evaluating the merits of investing in any securities or products. In addition, users should make an independent assessment of the legal, regulatory, tax, credit and accounting implications and determine, together with their own professional advisers, if any investment mentioned herein is believed to be suitable to their personal goals. Investors should ensure that they obtain all available relevant information before making any investment. It should be noted that investment involves risks, the value of investments and the income from them may fluctuate in accordance with market conditions and taxation agreements and investors may not get back the full amount invested. Both past performance and yields are not reliable indicators of current and future results. J.P. Morgan Asset Management is the brand for the asset management business of JPMorgan Chase & Co. and its affiliates worldwide. To the extent permitted by applicable law, we may record telephone calls and monitor electronic communications to comply with our legal and regulatory obligations and internal policies. Personal data will be collected, stored and processed by J.P. Morgan Asset Management in accordance with our privacy policies at <https://am.jpmorgan.com/global/privacy>. This communication is issued by the following entities: In the United States, by J.P. Morgan Investment Management Inc. or J.P. Morgan Alternative Asset Management, Inc., both regulated by the Securities and Exchange Commission; in Latin America, for intended recipients' use only, by local J.P. Morgan entities, as the case may be.; in Canada, for institutional clients' use only, by JPMorgan Asset Management (Canada) Inc., which is a registered Portfolio Manager and Exempt Market Dealer in all Canadian provinces and territories except the Yukon and is also registered as an Investment Fund Manager in British Columbia, Ontario, Quebec and Newfoundland and Labrador. In the United Kingdom, by JPMorgan Asset Management (UK) Limited, which is authorized and regulated by the Financial Conduct Authority; in other European jurisdictions, by JPMorgan Asset Management (Europe) S.à.r.l. In Asia Pacific ("APAC"), by the following issuing entities and in the respective jurisdictions in which they are primarily regulated: JPMorgan Asset Management (Asia Pacific) Limited, or JPMorgan Funds (Asia) Limited, or JPMorgan Asset Management Real Assets (Asia) Limited, each of which is regulated by the Securities and Futures Commission of Hong Kong; JPMorgan Asset Management (Singapore) Limited (Co. Reg. No. 197601586K), which this advertisement or publication has not been reviewed by the Monetary Authority of Singapore; JPMorgan Asset Management (Taiwan) Limited; JPMorgan Asset Management (Japan) Limited, which is a member of the Investment Trusts Association, Japan, the Japan Investment Advisers Association, Type II Financial Instruments Firms Association and the Japan Securities Dealers Association and is regulated by the Financial Services Agency (registration number "Kanto Local Finance Bureau (Financial Instruments Firm) No. 330"); in Australia, to wholesale clients only as defined in section 761A and 761G of the Corporations Act 2001 (Commonwealth), by JPMorgan Asset Management (Australia) Limited (ABN 55143832080) (AFSL 376919).

For U.S. only: If you are a person with a disability and need additional support in viewing the material, please call us at 1-800-343-1113 for assistance.

Copyright 2024 JPMorgan Chase & Co. All rights reserved.

JPM54978 | 6/24 | 0903c02a822bc58b