

Products and Solutions Guide for Housing Associates



Federal Home Loan Bank of Boston
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Important information about advances:

As the Bank manages the transition from LIBOR to an alternative benchmark index(s), the Bank is limiting maturities of our structured advances to 12/31/2021.

- *Capped Floater Advance*
- *Classic Plus Cap Advance*
- *Collar Advance*
- *Corridor Advance*
- *Curve Flatteners Advance*
- *Curve Steepener Advance*
- *Expander Advance*
- *Flipper Advance*
- *Flipper Advance with Guaranteed Flip*
- *HLB-Option Plus Cap Advance*
- *Knockout Advance*
- *LIBOR-Indexed Advance*
- *Slider Advance*

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Building Communities – Building New England

The mission of the Federal Home Loan Bank of Boston is to provide highly reliable wholesale funding and liquidity to its member financial institutions in New England. We deliver competitively priced financial products, services, and expertise that support housing finance, community development, and economic growth, including programs targeted to lower-income households.

Chartered in 1932, the Federal Home Loan Bank of Boston is one of 11 Federal Home Loan Banks across the country. The Bank is a cooperative that serves the six New England states. Our members are our shareholders and our customers and we are committed to providing members and housing associates with financial products and services that help build vibrant communities within established risk management parameters.

The Bank provides highly reliable wholesale funding and liquidity to our member financial institutions and housing associates. We deliver competitively priced financial products, services, and expertise that support housing finance and community economic growth, including programs targeted to lower-income households.

The Products and Solutions Guide for Housing Associates is designed to help housing associates understand and use our products, solutions, services, and pricing. It also provides information about the Bank's credit and collateral policies and the requirements for accessing those products and services in a safe and sound manner.

About the Guide

The Bank's board of directors established the Products and Solutions Guide for Housing Associates and reviews and re-adopts it at least annually.

Please note that the Products and Solutions Guide for Housing Associates is also the Bank's Credit Policy and the Bank's Products Policy.¹ Accordingly, any reference in any agreement or other document relating to the relationship between the Bank and any housing associate to the Bank's Credit Policy or the Bank's Products Policy means the Products and Solutions Guide for Housing Associates. The Bank may change the guide's terms at any time without prior notice.

The Products and Solutions Guide for Housing Associates is available on the Bank's website.

Each section of this guide includes contact information to direct housing associates to the appropriate personnel at the Bank. A full listing of Bank contacts may also be found at the end of this guide.

Please note: In the event of any conflict between the terms of this Products and Solutions Guide for Housing Associates and any prior versions of the Bank's Credit Policy or the Bank's Products Policy for Housing Associates, this Products and Solutions Guide shall control.²

¹ The Products and Solutions Guide for Housing Associates serves as the Bank's Products Policy for Housing Associates in accordance with 12 CFR Part 1239.30.

² In order for an entity to be eligible to receive financial products from the Bank as a "housing associate," such entity must meet the eligibility requirements set forth in 12 CFR Part 1264.3 and must apply to the Bank for certification as a housing associate pursuant to 12 CFR Part 1264.5.

Credit Products

The Bank offers short-, medium-, and long-term loans known as advances. These advances offer fixed or variable rates and several choices for payment of principal and interest.

The Bank also offers forward commitments to take down advances. Some advances contain embedded options, interest-rate caps, or interest-rate floors. In addition to advances, the Bank offers noncash credit products such as letters of credit.

Please note that the Bank does not act as a financial adviser, and housing associates should independently evaluate the suitability and risks of our solutions.

Please fully assess these risks and their implications prior to obtaining products from the Bank. We strive to make all maturities available every business day, subject to market conditions.

For more information about our credit products, please call Kenneth A. Willis, first vice president, director of housing and community development, at 888-424-3863, the Member Funding Desk at 800-357-3452, or consult the Bank's website, www.fhlbboston.com.

The product and solution descriptions that appear in the following pages of this guide are meant as summaries only and do not purport to disclose all risks and other material terms and conditions associated with such products and solutions. Nothing in this guide shall be deemed business, legal, tax, or accounting advice from the Bank. Housing associates are encouraged to consult their own business, legal, and accounting advisers with respect to the Bank's products and solutions and should refrain from utilizing any of the Bank's products and solutions unless they have fully assessed the risks and terms.

The Bank's confirmations for advances are available in Appendix D of this guide. A housing associate should review not only this guide, but also the advance confirmation associated with any Bank product or solution prior to utilizing such product or solution so as to understand the terms, including, without limitation, the prepayment provisions.

Daily Cash Manager Advance

Overnight funding.

Common Uses

- Manage daily liquidity needs.

Terms

One day.

Disbursement

Funds are available the same day.

Principal and Interest

- Principal and interest are due at maturity, which is the next business day.
- Interest is calculated on an actual/360-day basis.

Additional Information

For more information about the Daily Cash Manager Advance, please call your relationship manager at 888-424-3863, the Member Funding Desk at 800-357-3452, or consult the Bank's website, www.fhlbboston.com.

Rollover Cash Manager Advance

Overnight funding with an automatic rollover at maturity.

Common Uses

Manage daily liquidity needs.

Terms

Maturity is one day, with an automatic rollover to a new one-day advance at the prevailing rate.

Disbursement

Funds are available same day or the next day.

Principal and Interest

- Principal may be paid on a date you choose.
- Payment of interest is due monthly on the second business day of the month.
- Interest is calculated on an actual/360-day basis.

Additional Information

For further details, please call your relationship manager at 888-424-3863, the Member Funding Desk at 800-357-3452, or consult the Bank's website, www.fhlbboston.com.

IDEAL Cash Manager Advance

Overnight funding using your IDEAL Way Line of Credit.

Common Uses

Manage daily liquidity needs.

Terms

One day.

Disbursement

Funds are available the same day and can be accessed by wiring funds from your IDEAL Way demand account, causing an overdraft.

Principal and Interest

- Principal is due at maturity. Payment of interest is due monthly on the second business day of the month.
- Interest is calculated on an actual/360-day basis.

The IDEAL Way Line of Credit

- The IDEAL Way Line of Credit allows housing associates to access liquidity quickly and conveniently, without calling the Member Funding Desk.
- It is a fixed amount, typically two percent of assets, and can easily be set up and/or changed by the housing associate by making a request through the Member Funding Desk.
- Housing associates are required to maintain collateral equal to the entire amount of the IDEAL Way Line of Credit, whether used or not.
- For more information about the IDEAL Way Line of Credit, please contact the Member Funding Desk at 800-357-3452 or memberfunding@fhlbboston.com.

Amortizing Advance

A fixed-term and rate advance with an amortizing principal.

Common Uses

Fund short- or long-term assets whose principal balance declines on a monthly basis due to amortization and/or prepayment.

Terms

Maturities available for terms out to 20 years with principal-amortization periods out to 30 years.

Disbursement

Funds will be available the same day if you call by noon and the following day if requested by 3:00 p.m.

Principal and Interest

- Principal and interest are due on the first business day of the month.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Classic Advance

Nonamortizing, fixed-term and rate advance.

Common Uses

- Manage liquidity needs.
- Manage interest-rate risk.
- Fund short- or long-term assets.

Terms

Maturities available for terms out to 20 years.

Disbursement

Funds are typically available the same day if you call by noon. They are available the following day if requested by 3:00 p.m.

Principal and Interest

- Principal is due at maturity and interest is due on the second business day of the month.
- For advances with maturities of one year or less, you may choose to pay principal and interest at maturity. If chosen, the advance rate may be higher than the posted rate.
- For advances with maturities of more than one year, principal is due at maturity and interest is due either monthly, on the second business day of the month, or semi-annually. If interest is due semi-annually, the advance rate may be higher than the posted rate.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Classic Plus Cap Advance

Nonamortizing, fixed-term advance with an interest rate that will adjust periodically below the initial rate if LIBOR exceeds a predetermined strike rate you choose.*

Common Uses

- Limit exposure to rising interest rates with the added benefit of a reduced interest rate if rates rise above the cap strike level.
- Fund short- or long-term assets.

Terms

- Maturities are available for terms out to 20 years.
- The advance contains an embedded LIBOR*-indexed interest-rate cap, which will reduce the advance rate below the initial rate, if LIBOR* exceeds a predetermined strike rate you choose.
- The notional amount of the cap must be at least equal to the amount of the advance and no greater than three times the amount of the advance.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity and interest is due at one- or three-month intervals, in accordance with the index.
- Interest is calculated on an actual/360 basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Expander Advance

Nonamortizing, fixed-term and rate advance. You have a one-time opportunity to increase the principal amount of the advance by 100 percent of the original amount, at the original interest rate, for the remaining term of the advance.

Common Uses

- Limit exposure to rising interest rates.
- Fund short- or long-term assets.

Terms

- Maturities are available for terms out to 20 years.
- The expansion date may be selected from one to 10 years from the original disbursement date.

Disbursement

- Funds are available two business days after the trade date.
- Principal and Interest
- Principal is due at maturity and interest is due on the second business day of the month.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Forward Starting Advance

Lock in current fixed rates and delay funding the advance for up to two years. Classic and Amortizing advances may be customized to use the forward starting feature.

Common Uses

- Access the current rate environment without adding liquidity.
- Lock in rates for anticipated future funding needs.
- Allow borrowers to lock in rates on loans with future closing dates.
- Manage anticipated deposit runoff or uncertainty in the future.

Terms

- Maturities available for terms out to 20 years.

Disbursement

- Funding can be delayed for up to two years.

Principal and Interest

- Principal and interest are due based on the terms of the specific advance utilized. Interest begins accruing at disbursement.
- Interest is calculated on an actual/360-day basis.

Additional Information

- Members will be required to collateralize and purchase activity-based capital stock at the time of disbursement.
- For further details, including comments on risks, please call the Member Funding Desk at 800-357-3452, for indications on specific structures.

HLB-Option Advance

Nonamortizing, fixed-rate and term advance. The Bank holds the option to cancel the advance on specified dates prior to maturity.

Common Uses

- Generally used in a flat yield-curve environment to obtain a lower cost of funding than a Classic advance with a maturity equal to the lockout period.
- Fund short- or long-term assets.

Terms

- Maturities available for terms out to 20 years, but always with the condition that the Bank may cancel the advance prior to final maturity.
- There is an initial lockout period during which the Bank cannot cancel the advance. You may choose a lockout period of three months to 10 years.
- We may cancel the advance only on scheduled cancellation dates, after the initial lockout period. The Bank makes no warranties as to the circumstances under which it might cancel an advance.
- The Bank will provide notice of cancellation in writing at least four business days before the cancellation date.
- Some HLB-Option advances are offered with only one cancellation date. Others are offered with a series of cancellation dates at regular intervals, usually quarterly.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity and interest is due on the second business day of the month.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- If the Bank exercises its option to cancel, you must repay the advance, but you may replace the advance with a new advance. The new advance may be for any structure and term to maturity agreed upon between the housing associate and the Bank. The rate on the new advance will be that in effect at the time the new advance is taken.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

HLB-Option Plus Cap Advance

Nonamortizing, fixed-rate and term advance. The Bank holds the option to cancel the advance on specified dates prior to maturity. Also, the advance rate may decrease if LIBOR rises above a strike rate you choose.*

Common Uses

- Generally used in a flat yield-curve environment to obtain a lower cost of funding than a Classic advance with a maturity equal to the lockout period. Added benefit of a reduced interest rate if rates rise above the cap strike level.
- Fund short- or long-term assets.

Terms

- Maturities available for terms out to 20 years, but always with the condition that the Bank may cancel the advance prior to final maturity.
- There is an initial lockout period during which the Bank cannot cancel the advance. You may choose a lockout period of three months to 10 years.
- The rate adjusts periodically based on an embedded interest-rate cap position. The rate cannot go above the original, stated rate.
- The notional amount of the embedded cap can be from 100 percent to 300 percent of the amount of the advance. It is a factor in determining the amount of the rate adjustment.
- We may cancel the advance only on scheduled cancellation dates, after the initial lockout period. The Bank makes no warranties as to the circumstances under which it might cancel an advance.
- The Bank will provide notice of cancellation in writing at least four business days before the cancellation date.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity and interest is due on the second business day of the month.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- If the Bank exercises its option to cancel, you must repay the advance, but you may replace the advance with a new advance. The new advance may be for any structure and term to maturity agreed upon between you and the Bank. The rate on the new advance will be that in effect at the time the new advance is taken.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Knockout Advance

Nonamortizing, fixed-term and rate advance. The advance will be cancelled automatically if LIBOR equals or exceeds a specified strike rate on selected dates, both selected by the housing associate.*

Common Uses

- Generally used in a flat yield-curve environment to obtain a lower cost of funding than Classic advances with a maturity equal to the lockout period.
- Fund short- or long-term assets.

Terms

- Maturities available for terms out to 20 years, but always with the condition that the advance will be terminated prior to final maturity if LIBOR* equals or exceeds the specified strike rate on a specified date.
- The Knockout advance is offered with an initial lockout period during which the advance will not be terminated. You may choose a lockout period of three months to 10 years. After the initial lockout period, the Bank will automatically cancel the advance on any specified cancellation date if LIBOR* equals or exceeds the strike rate, four London business days prior to the scheduled cancellation date.
- Some Knockout advances are offered with only one cancellation date. Others are offered with a series of cancellation dates at regular intervals, usually quarterly.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity. Interest is due monthly on the second business day of the month.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million
- If the Knockout Advance is cancelled, you must repay the advance, but you may replace the advance with a new advance. The new advance may be for any structure and term to maturity agreed upon between you and the Bank. The rate on the new advance will be that in effect at the time the new advance is taken.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Member-Option Advance

Nonamortizing, fixed-term and rate advance. Housing associates have the option to cancel the advance on specified cancellation dates they select.

Common Uses

- Manage interest-rate risk.
- Fund short- or long-term assets.
- Manage exposure to prepayment risk of assets.

Terms

- Maturities are available for terms out to 20 years.
- The housing associates must provide notice of cancellation in writing at least four business days before the cancellation date.

Disbursement

Funds will be available three business days after the trade date.

Principal and Interest

- Payment of principal is due at maturity. Interest is due monthly on the second business day of the month.
- Interest is calculated on an actual/360-day basis.

Prepayment

- Advances may be prepaid in full or in part, on specified cancellation dates with no prepayment fee. Typically, the cancellation dates are the first or third anniversary of disbursement and semiannually thereafter. (Other prepayment structures may be available.)
- Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Symmetrical Prepayment Advance

Nonamortizing, fixed-term and rate advance with a special prepayment feature that allows you to prepay the advance at its approximate market value. Any gain will be passed through to the housing associate subject to certain limitations.

Common Uses

- Manage liquidity needs.
- Manage interest-rate risk.
- Fund short- or long-term assets.
- In a rising-rate environment, the gain from prepayment can be used to offset the loss on sale of securities or other assets.

Terms

Maturities are available for terms out to 20 years.

Disbursement

Funds are available next day.

Principal and Interest

- Payment of principal is due at maturity and interest is due on the second business day of the month.
- Members may choose monthly or semi-annual interest payments prior to initiation.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

- Advances may be prepaid with two business days' notice to the Bank, in an amount equal to the approximate market value of the advance. Any gain will be passed through to the housing associate subject to certain limitations.
- For further detail, please see the [Comparison of Prepayment Profile](#).
- Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – Capped Floater Advance



Capped Floater Advance

Nonamortizing, fixed-term advance with an interest rate that periodically adjusts according to changes in LIBOR and is capped at a strike level you choose.*

Common Uses

- Limit exposure to rising interest rates while participating in a declining interest rate environment.
- Fund LIBOR*-indexed assets containing a lifetime cap.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities available for terms out to 20 years.
- Rates adjust monthly or quarterly, depending on the index you choose. However, the rate is capped at a predetermined strike level.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Payment of principal due at maturity. Interest is due on rate-adjustment dates.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Collar Advance

Nonamortizing, fixed-term advance with an interest rate that periodically adjusts according to changes in LIBOR. The advance contains a combination of an interest-rate cap and an interest-rate floor you choose. The interest rate on the advance floats within the cap and floor.*

Common Uses

- Cost effective alternative to a Capped Floater advance to limit exposure to rising interest rates while giving up some of the benefit of falling interest rates.
- Fund LIBOR*-indexed assets.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities available for terms out to 20 years.
- Adjustable rate with an embedded interest-rate collar. The collar features a combination of an interest-rate cap and an interest-rate floor. The cap sets the maximum rate the housing associate will pay on the advance. The floor offsets a portion of the cost of the cap, but it sets a minimum rate on the advance.

Disbursement

Funds are available two business days from the trade date.

Principal and Interest

- Principal due at maturity. Interest is due on rate-adjustment dates.
- Rates adjust monthly or quarterly, depending on the index you choose, on indicated reset dates, based on LIBOR*.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Corridor Advance

Nonamortizing, fixed-term advance containing two interest-rate caps that you choose. The advance rate periodically adjusts according to changes in LIBOR if the index is below cap one; it will be fixed if the index is between caps one and two, and it will periodically adjust when the index exceeds cap two.*

Common Uses

- Manage exposure to rising interest rates for a short (one- to three-year) time horizon.
- Fund adjustable-rate assets and realize a wider margin on the transaction as long as market rates remain within an interest-rate corridor.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities available for terms out to 20 years.
- Adjustable rate with an embedded interest-rate corridor. The corridor features two interest-rate caps. The higher cap offsets the cost of the lower cap, but may cause the advance to revert back to an adjustable rate.

Disbursement

Funds are available in two business days after the trade date.

Principal and Interest

- Principal is due at maturity. Interest is due on rate-adjustment dates.
- Rates adjust monthly or quarterly, depending on the index you choose, on indicated reset dates, based on LIBOR*.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – Curve Flattener Advance



Curve Flattener Advance

A fixed-term, floating-rate advance that provides protection from a flattening yield curve since the advance rate decreases as the yield curve flattens. The advance rate periodically adjusts and is the sum of two components — a fixed component and a rate differential component based on the rate differential between two points, chosen by the housing associate, on the Constant Maturity Swap yield curve.

Common Uses

- Provides protection from a flattening yield curve since the advance rate will decline as the reference yield curve flattens.
- Manage interest-rate risk.

Terms

- Maturities available for terms out to 20 years.
- Adjustable rate with an advance rate that is the sum of two components, a fixed component and a rate differential component. The fixed component is determined on the trade date of the advance and remains fixed throughout the term of the advance. The advance rate adjusts quarterly based on the rate differential between two points on the CMS yield curve. The rate differential component evaluates the difference between two points, chosen by the housing associate (longer term minus shorter term), on the CMS yield curve. This difference is added to the fixed component to determine the advance rate.
- The interest rate can reset at an interest rate less than zero.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity. Interest is due on rate-adjustment dates.
- Rate adjusts quarterly based on the rate differential between two points on the CMS yield curve which is added to the fixed component.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – Curve Steeper Advance



Curve Steeper Advance

A fixed-term, floating-rate advance that provides protection from a steepening yield curve since the advance rate decreases as the yield curve steepens. The advance rate periodically adjusts and is the difference between two components – a fixed component and a rate differential component based on the rate differential between two points, chosen by the member, on the Constant Maturity Swap yield curve.

Common Uses

- Provides protection from a steepening yield curve since the advance rate will decline as the reference yield curve steepens.
- Manage interest-rate risk.

Terms

- Maturities available for terms out to 20 years.
- Adjustable rate with an advance rate that is the difference between two components, a fixed component and a rate differential component. The fixed component is determined on the trade date of the advance and remains fixed throughout the term of the advance. The advance rate adjusts quarterly based on the rate differential between two points on the CMS yield curve. The rate differential component evaluates the difference between two points, chosen by the housing associate (longer term minus shorter term), on the CMS yield curve. This difference is subtracted from the fixed component to determine the advance rate.
- The interest rate can reset at an interest rate less than zero.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity. Interest is due on rate-adjustment dates.
- Rate adjusts quarterly based on the rate differential between two points on the CMS yield curve which is subtracted from the fixed component.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – Discount Note Auction-Floater Advance



Discount Note Auction-Floater Advance

Nonamortizing, fixed-term advance with an interest rate that adjusts periodically according to changes in the Federal Home Loan Bank System's Office of Finance discount note auction rates.

Common Uses

- Manage liquidity needs.
- Fund adjustable-rate assets.
- Manage exposure to declining interest rates.
- Long-term funding commitment at short-term interest rates.

Terms

Maturities are available in terms out to 20 years.

Disbursement

Funds are available the next day.

Principal and Interest

- Principal is due at maturity. Interest is due on the rate-adjustment date.
- Rates reset every four or 13 weeks, depending on the index you choose, on indicated reset dates, based on the result of the prior day's discount-note auction.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Flipper Advance

Nonamortizing, floating-to-fixed-rate advance where the Bank holds the option to cancel the advance on certain specified dates after a specified lockout period.

During the lockout period, the advance rate will adjust periodically according to changes in LIBOR and generally be sub-LIBOR* (the spread to LIBOR* is determined by the housing associate).*

If the advance is still outstanding after the lockout period, it will flip to a predetermined fixed rate.

Common Uses

- Generally used in a flat yield curve environment when margins are under pressure. Sub-LIBOR* funding for the lockout period is available.
- Manage interest-rate risk.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities are available for terms out to 20 years, but always with the condition that the Bank may cancel the advance prior to final maturity. There is a lockout period during which the Bank cannot cancel the advance. You may choose a lockout period of three months to 10 years.
- We may cancel the advance at the end of the lockout period. After the lockout period, the Bank may cancel the advance only on a scheduled cancellation date, if any. The Bank makes no warranties as to the circumstances under which we might cancel an advance.
- The Bank will provide notice of cancellation in writing at least four business days before the cancellation date.
- Some Flipper advances are offered with only one cancellation date. Others are available with a series of cancellation dates at regular quarterly or annual intervals.
- The interest rate can reset at an interest rate less than zero.
- The Bank holds the option to cancel on certain specified dates. If the advance is not cancelled at the end of the lockout period, the advance will convert, or flip, into a fixed-rate advance. We may cancel the advance on any subsequent scheduled cancellation date, if any.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- The principal is due at maturity. Interest is due monthly on the second business day of the month.
- During the lockout period, rates adjust monthly or quarterly, depending on the index you choose, on indicated reset dates, based on LIBOR*.
- If the Bank exercises its option to cancel, you must repay the advance, but you may replace it with a new advance. The new advance may be for any structure and term to maturity agreed upon between you and the Bank. The rate on the new advance will be that in effect at the time the new advance is taken.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – Flipper Advance with Guaranteed Flip



Flipper Advance with Guaranteed Flip

Nonamortizing, floating-to-fixed-rate advance. During the floating-rate period, the advance rate will adjust periodically according to changes in LIBOR and generally be sub-LIBOR* (the spread to LIBOR* is determined by the housing associate). After the floating-rate period, it will flip to a predetermined fixed rate until maturity.*

Common Uses

- Generally used in a flat yield curve environment when margins are under pressure. Sub-LIBOR* funding for the floating-rate period is available.
- Manage interest-rate risk.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities are available for terms out to 20 years. You may choose a floating-rate period of three months to 10 years.
- The interest rate can reset at a rate less than zero.
- After the floating-rate period, the advance will convert to a predetermined fixed-rate advance until maturity.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- The principal is due at maturity. Interest is due monthly on the second business day of the month.
- During the floating-rate period, the advance rate adjusts monthly or quarterly, depending on the index you choose, on indicated reset dates, based on LIBOR*.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – LIBOR*-Indexed Advance



LIBOR*-Indexed Advance

Nonamortizing, fixed-term advance with an interest rate that adjusts periodically, according to changes in LIBOR.*

Common Uses

- Manage liquidity needs.
- Fund adjustable-rate assets.
- Manage exposure to declining interest rates.
- Long-term funding commitment at short-term interest rates.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

Maturities are available for terms out to 20 years.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity and interest is due on rate adjustment dates.
- Rates adjust monthly, quarterly, or semiannually, depending on the index you choose, on indicated reset dates.
- The minimum offering size is \$10 million. Offering size orders for less than \$10 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$10 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – The Slider Advance



The Slider Advance

Nonamortizing, fixed-term advance, with an interest rate that adjusts periodically to changes in LIBOR and an embedded interest-rate floor position. For every basis point LIBOR* sets below the strike rate of the floor, the advance rate will decline by two basis points.*

Common Uses

- Manage exposure to declining short-term interest rates.
- Fund adjustable rate assets.

**Or an alternative benchmark index. Please refer to the Confirmation of Terms for full details.*

Terms

- Maturities available for terms out to 20 years.
- The rate of the advance cannot go below zero.

Disbursement

Funds are available two business days after the trade date.

Principal and Interest

- Principal is due at maturity. Interest is due on the rate-adjustment date.
- Rates adjust monthly or quarterly, depending on the index you choose, on indicated reset dates, based on LIBOR*.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Long-Term Variable-Rate Indexed Advances – SOFR-Indexed Advance



SOFR-Indexed Advance

Nonamortizing, fixed-term advance with an interest rate that adjusts daily, according to changes in SOFR.

Common Uses

- Manage liquidity needs.
- Fund adjustable-rate assets.
- Manage exposure to declining interest rates.
- Long-term funding commitments at short-term interest rates.

Terms

Maturities are available out to 20 years.

Disbursement

Funds are available two business days after trade date.

Principal and Interest

- Principal is due at maturity. Interest is due annually, two business days after the anniversary date of settlement.
- Rate adjusts daily.
- The minimum offering size is \$2 million. Offering size orders for less than \$2 million will be aggregated with other requests for advances with identical terms and will be executed when orders total \$2 million.
- Interest is calculated on an actual/360-day basis.

Prepayment

Advances may be prepaid, subject to a fee. Please see Appendix D to find the confirmation statement, which has additional information on prepayment fees.

Advance Restructuring

A solution that extends the maturity and reduces the rate of existing advances.

Through this product, housing associates can restructure outstanding advances for certain eligible product types and blend the contractual prepayment fee into the rate of a new long-term advance. There is no cash settlement of the prepayment fee since it is blended into the rate of the new advance. This allows housing associates to extend the maturity of their existing advances at a lower rate on the new advances compared with the rate on the original advances— without taking additional cash.

The Bank will also remodify advances that were restructured more than 12 months ago.

To help you determine whether this product may be beneficial to your institution, please contact Kenneth A. Willis at 888-424-3863 or kenneth.willis@fhlbboston.com.

Advances Pricing

The Bank prices credit products consistently and without discrimination to all housing associates applying for advances no matter the size of the financial institution. We must also ensure regulatory compliance while making advances profitable in order to meet our financial performance objectives and provide an adequate return to our member shareholders. We strive to provide a rate that is competitive with comparable funding alternatives available to members and housing associates.

We are also prohibited by regulation from pricing our advances below our marginal cost of matching term and maturity funds in the marketplace, including embedded options, and the administrative cost associated with making such advances to members and housing associates.

However, we may price advances on a differential basis, such as the creditworthiness of members and housing associates, volume, or other reasonable criteria applied consistently to all members and housing associates.

With these regulatory parameters in mind, we price all credit products according to market conditions and the following specific criteria:

- The Bank's cost of funds;
- The Bank's cost of delivering products (general and administrative expenses); and
- Bank profitability targets and risk/return objectives.

The Bank's Asset-Liability Committee establishes minimum spread requirements relative to its funding costs for all products.

Please note that pricing for the Daily Cash Manager advance is primarily based on the federal funds market, which is highly variable and dynamic. As a result, pricing is subject to change more frequently and at irregular intervals compared with other advances products.

Special Advance Offerings

From time to time, the Bank offers scheduled and unscheduled specials on pricing.

In order to promote equal access to "special" pricing to all members and housing associates, we offer specials that approximate those offered for single large transactions.

Our rates are available in real time on our website. Or you may contact Kenneth A. Willis at 888-424-3863 or kenneth.willis@fhlbboston.com; or the Member Funding Desk at 800-357-3452, memberfunding@fhlbboston.com for rate information.

Letters of Credit

Standby and confirming.

Common Uses

- Credit support for certain tax-exempt and taxable bonds.
- Performance guaranty in lieu of a construction performance bond.
- Collateral for obligations arising pursuant to an interest-rate swap.
- Credit support for other financial obligations.

Terms

Terms typically available up to 10 years. Terms greater than 10 years may be available on an exception basis.

Must be used to:

- Facilitate residential housing finance or community lending.
- Assist with asset/liability management.
- Provide liquidity or other funding.

Issuance

Issuances vary, depending on complexity.

Additional Information

For further information, visit www.fhlbboston.com.

Letters of Credit (LOC Pricing) and Fees

Legal fees and operational expenses incurred on letters of credit may be passed through to the housing associate as a processing fee.

LOC fees are calculated and billed on an actual/360 basis. See the letters of credit pricing schedule on the website.

Fees upon draws on a letter of credit made by a beneficiary take into account all direct and indirect costs in satisfying the draw. Fees reflect the imputed rate of return that would have been earned and the taxes that would have been paid if the Bank were a private corporation. They are calculated by applying a cost-of-capital adjustment factor to the assets used in satisfying the draw.

LOC fees are based on the face value of the LOC and are the greater of (a) a minimum dollar fee or (b) a fee based on the face value of the LOC multiplied by a basis points amount per annum determined by the maturity of the letter of credit. In the case of a confirming letter of credit supporting a bond transaction, a one-time processing fee will be added to the fee described previously under (b), and a minimum dollar fee will not apply.

Housing associates should contact Kenneth A. Willis, first vice president, director of housing and community investment, at 888-424-3863, or kenneth.willis@fhlbboston.com; or the Member Funding Desk at 800-357-3452, or memberfunding@fhlbboston.com for information regarding collateral requirements and pricing for letters of credit.

Asset-Purchase Programs

The Bank participates in the Mortgage Partnership Finance® (MPF®)¹ program, which is an attractive alternative to the traditional secondary market. Through MPF, the Bank purchases eligible mortgages from participating members and housing associates. Members and housing associates originate and service the loans and are paid fees in return for retaining a portion of the credit risk associated with the loans. The Bank manages the interest-rate, liquidity, and prepayment risks, as well as a portion of the credit risk of the loans purchased.

We also facilitate the sale of loans to Fannie Mae by participating members through the MPF Xtra® program and the sale of high-balance loans to a third-party investor through the MPF Direct® program.

The MPF program is administered by the Federal Home Loan Bank of Chicago. As the MPF Provider, FHLB Chicago sets base prices, rates, and fees associated with various MPF products using observable third-party pricing sources as inputs to its proprietary pricing model. The Bank has the ability to adjust prices based on various criteria including volume, credit risk, or level of interest rates. The MPF Provider publishes updated quotations on its secure eMPF® website, www.fhlbmpf.com, during normal business hours. Participating members and housing associates can execute delivery commitments of less than \$1 million directly via the website. Larger commitments require a phone call to the MPF hotline,

877-463-6673. This practice ensures the accuracy of the price quote. We do not adjust pricing based on the size of the delivery commitment or other factors.

For more information about our asset purchase programs, please contact the MPF staff or your relationship manager at 888-424-3863.

¹ Mortgage Partnership Finance®, MPF®, and MPF Xtra®, eMPF®, are registered trademarks of the Federal Home Loan Bank of Chicago.

Underwriting Requirements

General Requirements

The Bank's decision to extend credit to a housing associate is based on our analysis of the housing associate's financial condition and the level, value, and quality of the housing associate's eligible collateral. The Bank is responsible for ensuring that all extensions of credit comply with applicable statutes, Federal Housing Finance Agency regulations, and the Bank's guidelines.

To protect our cooperative, the Bank monitors each housing associate's financial condition on a continuous basis to assure that extensions of credit are made in a safe and sound manner. Our primary tools for monitoring include quarterly financial reports, audited financial reports, publicly available reports, and interviews with senior management during periodic financial reviews by the Credit Department.

The Bank's assessment of your financial condition is focused on key financial and management indices including:

- capital adequacy
- asset quality and composition
- management
- earnings
- liquidity
- interest-rate risk management

The Bank's primary measurement for capital adequacy is "tangible equity capital," which the Bank defines as total equity capital as reported in accordance with generally accepted accounting principles less goodwill and certain other intangible assets.

The Bank reserves the right to not extend credit to any housing associate that the Bank determines, in its sole discretion, fails to meet the Bank's underwriting guidelines.

Requests for Extensions of Credit

Housing associates may request an extension of credit from the Bank by calling the Member Funding at 800-357-3452.

Housing associates are required to complete and submit the Supplement-A to Application for Advance for Housing Associates (Supplement-A for Housing Associates) when requesting an extension of credit from the Bank or to roll an existing maturing advance into a new advance.

Supplement-A for Housing Associates, which provides essential underwriting information, should be submitted to the Bank at least three business days prior to the expected commitment date of the extension of credit. In a situation where a housing associate has an immediate need for liquidity and three days prior notice is not possible, and when the advance is fully secured by eligible collateral delivered to the Bank, we may provide an expedited disbursement. Please call the Credit Department at 617-425-9540 for further discussion.

For purposes of the Supplement-A process, the Bank considers the transfer of an IDEAL Way advance to an overnight or other regular advance to be a disbursement of new funds because the IDEAL Way line of credit reverts to its original amount when an IDEAL Way advance is transferred.

Maturity and/or Other Borrowing Restrictions

The Bank may impose a maturity and or other borrowing restrictions on a housing associate if the Bank determines that the housing associate's financial condition presents the Bank with an elevated level of risk, such as, if a housing associate fails to comply with any of its regulatory capital requirements. Restrictions may also apply to a housing associate that is in receivership, conservatorship, bankruptcy, or under the control of the regulatory entity.

Underwriting Requirements

Statutory Restrictions

Federal Housing Finance Agency regulations prohibit the Bank from extending new credit to a housing associate that becomes insolvent on a tangible equity capital basis. However, the Bank, in its sole discretion, may renew maturing advances to such a housing associate into an overnight Rollover Cash Manager Advance, or may require prompt repayment of maturing advances. An insolvent housing associate also may not maintain an IDEAL Way line of credit with the Bank. In addition, the Bank may deem a housing associate that is operating under the control of its primary regulator to be insolvent on a tangible equity capital basis.

Total Extensions of Credit

A housing associate's total extensions of credit may not, at any time, exceed 50 percent of its total assets as determined by the Bank. Housing associates must immediately contact the Bank's Credit Department at 617-425-9540 if this situation occurs. The Bank, with the approval of its president, may grant exceptions to this limitation on a case-by-case basis. The Bank will consider the following factors in determining whether a housing associate will be allowed to obtain advances in excess of 50 percent of assets:

- The strategic reason for the higher level of borrowings;
- The level and quality of the housing associate's eligible collateral;
- The housing associate's overall financial condition;
- The housing associate's asset size;
- The level and stability of the housing associate's capital;
- The housing associate's NRSRO rating, if any.

Material Adverse Event

Each housing associate is required to immediately call the Credit Department (617-425-9540) to notify the Bank of any material adverse event and then to follow up in writing detailing the event. A "material adverse event" is one or more of the following:

- The occurrence of any event or series of events with the cumulative effect of adversely impacting the business, operations, properties, assets, or condition (financial or otherwise) of such housing associate or any of its affiliates;
- The impairment of such housing associate's ability to perform its obligations under its advances agreement or other agreements with the Bank; and
- The impairment of the Bank's ability to enforce its rights under the advances agreement or other agreements with such housing associate.

Additional Information

For additional information on the Bank's underwriting requirements, please contact your relationship manager at 888-595-8733 or the Credit Department at 617-425-9540

Collateral Requirements

Each housing associate is required to pledge sufficient eligible collateral to secure advances (both new and outstanding), lines of credit, letters of credit, and other amounts payable to the Bank.

In the true spirit of our cooperative, the Bank's robust collateral requirements are in place to protect our financial and regulatory positions. Every housing associate is required to pledge the required amount of eligible collateral to secure all extensions of credit from the Bank. The following collateral requirements are in place to help ensure that the Bank remains in compliance with all statutes and regulations. Please direct any questions regarding the Bank's collateral requirements to the Collateral Department at 617-292-9711 or collateral@fhlbboston.com.

Collateral Requirements

Finance Agency regulations require that all extensions of credit from the Bank to housing associates be fully secured by eligible collateral at all times. The Finance Agency regulations also identify the general types of assets that the Bank may consider as eligible collateral. Housing associates are required to pledge eligible collateral to use the Bank's credit products.

Eligible Collateral

Eligible collateral includes:

- Cash on deposit at the Bank that is specifically pledged to the Bank as collateral
- Fully disbursed whole first-mortgage loans on one- to four-family residential property insured under Title II of the National Housing Act
- Securities representing a whole interest in the principal and interest payments due on a pool of fully disbursed whole first mortgages on one- to four-family residential property insured under Title II of the National Housing Act

- In addition to the collateral described above, the Bank may make an advance to a state housing associate upon the security of the collateral noted in [Appendix A](#). The advance must be for the purpose of facilitating residential or

commercial mortgage lending that benefits individuals or families meeting the income requirements in Section 142(d) or 143(f) of the Internal Revenue code. Prior to obtaining the advance, the state housing associate must submit a written certification that it will use the proceeds of the advance for this purpose.

Conditions to the Bank's Acceptance of Collateral

In general, in order for the Bank to accept an asset constituting eligible collateral, among other things, each of the following conditions must be met:

- The asset must be owned by the housing associate free and clear of all other liens or claims, including UCC filings and other pledge and security agreements.
- The asset must not have been in default within the most recent 12-month period, except that whole first-mortgage loans on owner-occupied one- to four-family residential property are eligible collateral provided that no payment is overdue by two or more payments.
- Mortgages and other loans are considered eligible collateral, regardless of delinquency status, to the extent that the mortgages or loan are insured or guaranteed by the U.S. government or agency thereof.
- The asset must not be classified as substandard, doubtful, or a loss by the housing associate or the housing associate's regulatory authority or reported as troubled debt restructuring.
- The asset must not be encumbered by private transfer fee covenants, including securities backed by such mortgages, and securities backed by the income stream from such covenants — except for certain allowed transfer fee covenants. (Contact the collateral staff if you have questions.)

- The asset cannot secure indebtedness – including mortgages – on which any director, officer, employee, attorney, or agent of the housing associate or of any Federal Home Loan Bank is personally liable.
- The asset must comply with the Subprime and Nontraditional Loan Guidelines as detailed in [Appendix C](#).

A residential mortgage loan¹ that is secured by the borrower's primary residence — whether pledged individually or as part of a private-label (non-agency) MBS — will not be accepted as collateral if it meets one or more of the following criteria:

- The annual interest rate and/or points and fees charged for the loan exceed the thresholds of the Home Equity Ownership Protection Act of 1994 (HOEPA);²
- The loan has been identified by a housing associate's regulator as possessing predatory characteristics;
- The loan includes prepaid, single-premium credit insurance;

- The loan is subject to state and/or local laws where one or more of the major credit-rating agencies (Standard & Poor's, Moody's Investors Service, and/or Fitch Ratings) will not rate a security (or securities) in which the underlying collateral pool contains such a loan;
- The loan is defined as a High-Cost Loan, Covered Loan, or Home Loan, generally categorized under one or more federal, state, or local laws as having certain potentially predatory characteristics;
- The loan includes penalties in connection with the prepayment of the mortgage beyond the early years of the loan; or
- The loan requires mandatory arbitration to settle disputes.

Please direct any questions regarding the Bank's collateral requirements to the Collateral Department at 617-292-9711 or collateral@fhliboston.com.

¹ A "residential mortgage loan" is a mortgage loan secured by a one-to-four family residential property. For the Bank's purposes, the definition includes mortgage loans and home equity loans and open-ended home equity lines of credit, including those secured by junior liens

² The applicable thresholds are noted in Truth in Lending - Regulation Z -12 CFR 226.32.

The Bank reserves the right, in its sole discretion, to refuse to accept certain assets as collateral including, without limitation, assets constituting eligible collateral.

Collateral Maintenance Level

Collateral Maintenance Level

The amount of collateral that a housing associate is required to maintain with the Bank at all times is referred to as its collateral maintenance level. Unless otherwise specified in writing by the Bank to the housing associate, a housing associate's collateral maintenance level is the aggregate amount of eligible collateral as defined in this guide, and accepted by the Bank, that has a valuation equal to the aggregate amount of the Bank's extensions of credit to the housing associate. When determining that a housing associate has met its collateral maintenance level, the Bank applies a collateral valuation discount (haircut) to all eligible collateral, based on the Bank's analysis of the risk factors inherent in the collateral. The Bank reserves the right, in its sole discretion, to adjust collateral discounts applied. The market values for eligible securities will be determined on the basis of market bid-price quotations for the same or comparable securities as determined by, or in a manner satisfactory to the Bank.

In the event that the value of a housing associate's eligible collateral acceptable to the Bank becomes insufficient to satisfy the housing associate's collateral maintenance level, including, without limitation, due to market depreciation, loan amortization or loan payoffs, the housing associate is required to pledge additional eligible collateral acceptable to the Bank so that the aggregate amount of the housing associate's eligible collateral acceptable to the Bank is sufficient to satisfy the collateral maintenance level.

All fees and costs incurred by the Bank in connection with its collateral requirements may be charged to the housing associate.

The specific types of eligible collateral, additional conditions to the Bank's acceptance of collateral, and the related percentages of book value, market value, or unpaid principal (as applicable) applied to collateral are discussed in more detail in [Appendix A](#) to this guide.

Collateral Pledging Requirements

Housing associates must deliver all pledged collateral to the Bank.

Housing Associates' Collateral Pledging Requirements and Specific Collateral Recordkeeping Requirements

Housing Associates:

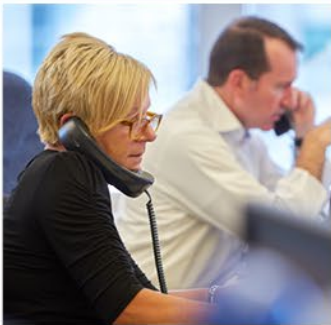
1. Are required to deliver to the Bank an amount of eligible collateral, acceptable to the Bank, sufficient to satisfy the collateral maintenance level along with any required assignment of collateral to the Bank.
2. May not use, commingle, encumber, or dispose of collateral that has been assigned and delivered without the express written consent of the Bank.
3. Are required to segregate on site and mark as property of the Bank all ancillary documents that pertain to collateral that has been delivered to the Bank.
4. Are required to notify the Bank of the acceptance of proceeds from the repayment of notes pledged to the Bank as collateral. The Bank may require the delivery of an amount of collateral equal to the proceeds of the repayment of the notes into a collateral account to secure the housing associate's indebtedness to the Bank.
5. Agree to permit Bank personnel to conduct periodic on-site reviews to verify listed collateral that is pledged.

Additional Collateral Requirements

The Bank reserves the right to take any and all actions to protect its security position and assure compliance with this guide should the Bank identify potential risks. Such actions may include, but are not limited to, requiring the delivery of additional collateral, whether or not such additional collateral would be deemed eligible collateral pursuant to this guide, and requiring a housing associate to complete further steps in order to perfect the Bank's security interest in the housing associates' pledged collateral. At the request of the Bank, each housing associate agrees to execute, deliver to the Bank and/or record, as applicable, such instruments, assignments and other documents, and to take other actions necessary or desirable, to evidence, preserve and/or protect the security interest of the Bank in the collateral.

Please direct any questions regarding the Bank's collateral requirements to the Collateral Department at 617-292-9711 or collateral@fhlbboston.com.

Appendices



Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates



Eligible Collateral and Collateral Valuation for Housing Associates

As noted, eligible collateral for housing associates includes:

- Cash on deposit at the Bank that is specifically pledged to the Bank as collateral
- Fully disbursed whole first-mortgage loans on one- to four-family residential property insured under Title II of the National Housing Act
- Securities representing a whole interest in the principal and interest payments due on a pool of fully disbursed whole first mortgages on one- to four-family residential property insured under Title II of the National Housing Act

In addition to the collateral described above, the Bank may make an advance to a housing associate upon the security of the collateral in this Appendix A. The advance must be for the purpose of facilitating residential or commercial mortgage lending that benefits individuals or families meeting the income requirements in Section 142(d) or 143(f) of the Internal Revenue Code. Prior to obtaining the advance, the housing associate must submit a written certification that it will use the proceeds of the advance for this purpose.

The assets listed below constitute the Bank's eligible collateral types.

The Bank may, in our sole discretion, refuse certain collateral or adjust collateral discounts or valuations based on:

- The financial condition of the housing associate
- The review of the overall quality and volatility of the value of the collateral pledged. We make this determination based on the result of on-site collateral reviews and our risk analysis.

The Bank will determine market value for all types of collateral at its sole discretion, and may determine to value collateral at the unpaid principal balance. Residential one- to four-family owner-occupied loans must not be delinquent by two or more payments. All other eligible collateral must not have been in default within the most recent 12-month period.

The following tables summarize the types of assets the Bank accepts as eligible collateral, and the valuation that we generally apply for collateral purposes. The Bank accepts four categories of eligible collateral: cash; securities; residential first-mortgage loans; and other real estate-related collateral.

Any additional deposits, if pledged to the Bank as collateral for advances, will likewise reduce collateral requirements on a dollar-for-dollar basis.

Please contact the Collateral Department at 617-292-9711 or collateral@fhlbboston.com if you have questions regarding eligible collateral.

Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates cont'd.



Eligible Collateral and Collateral Valuation for Housing Associates

Cash Collateral

Eligible Collateral	Valuation	Comments
Cash	100 percent of balance	Cash must be on deposit in a collateral account at the Bank
For housing associates that sign the Bank's Specific Lien Advances Agreement and choose to pledge only cash, a two percent collateral maintenance level will be required.		

Securities Collateral

- All housing associates are required to deliver to the Bank all securities pledged as collateral for the Bank's extensions of credit.
- The Bank does not accept as collateral derivatives of eligible securities that contain excessive interest-rate and/or other financial risk, including, but not limited to, interest-only or principal-only strips of securities, residual or "Z" tranches of collateralized mortgage obligations, or securities backed by reverse mortgage loans (HECMs).
- The Bank does not accept as collateral securities that are backed by properties encumbered by private transfer fee covenants, and securities backed by the income stream from such covenants, except for certain allowed transfer fee covenants.
- Market value for securities is determined on the basis of market bid-price quotations for the same or comparable securities as determined by, or in a manner satisfactory to, the Bank.

Eligible Collateral	Valuation	Comments
U.S. Government and Agency Securities, (excluding FNMA, and FHLMC, and including GNMA securities).	92 percent of market value (remaining term to maturity three years or less); 90 percent of market value (remaining term to maturity greater than three years)	
FNMA and FHLMC MBS, and Agency CMOs	88 percent of market value	
Note: For housing associates that execute a specific lien agreement, discounts applied to collateral are increased by 20 percent. For example, a discount of 10 percent increases to 12 percent.		

Eligible Collateral and Collateral Valuation for Housing Associates

Residential First-Mortgage Loans

Definition of Owner-Occupied Principal Residence: Loans secured by owner-occupied dwellings. An owner-occupied dwelling is the borrower's primary residence. First lien owner-occupied residential loans are included in this section. (Second liens on owner-occupied residences are included as other real estate-related collateral).

Definition of Non-Owner-Occupied Residence: Second homes, vacation homes, or other investor type properties. These loans must be listed. First liens on non-owner-occupied loans are included in this section. Please note: Second liens on non-owner-occupied residences are ineligible as collateral.¹

Other Eligibility Guidelines

- Eligible residential first-mortgage loan collateral that becomes subject to a superior lien, including, but not limited to tax liens, mechanics liens, UCC filings or any other encumbrance, loses its eligibility.
- Eligible residential first-mortgage loan collateral must not be delinquent by two or more payments.
- Eligible residential first-mortgage loan collateral may not be classified as substandard, doubtful, loss by the housing associate or by its regulator, or reported as troubled debt restructuring.
- Eligible residential first-mortgage loan collateral may not include loans to officers, directors, employees, attorneys, or agents of the housing associate or the Bank.
- Eligible residential first-mortgage loan collateral must not be encumbered by private transfer fee covenants — except for certain allowed transfer fee covenants. (Contact the collateral staff if you have questions.)
- Eligible residential first-mortgage loan collateral with loan-to-value (LTV) ratios over 90 percent (with the exception of Loans insured under Title II of the National Housing Act, i.e., insured by the FHA) must have private mortgage insurance.
- Loans must fully comply with either or both, as applicable, the Interagency Guidance on Nontraditional Mortgage Product Risks issued by the FFIEC on October 4, 2006, and/or the Statement on Subprime Mortgage Lending Risks dated July 10, 2007, to be eligible as collateral.
- Loans that allow for negative amortization of the principal balance, including pay-option adjustable-rate mortgage loans, and home equity conversion mortgages (also known as "reverse mortgages") are not eligible as collateral.
- Loans for which the borrower's ability to service the debt is not evidenced by written documentation may only be pledged if the housing associate is providing the Bank with loan level data for all of its pledged residential one- to four-family loan collateral.
- Fully disbursed, closed-end home equity loans secured by first liens on owner-occupied, one- to four-family residential real estate are included within this section for one- to four-family mortgage loan collateral. However, home equity loans secured by junior liens, or home equity lines of credit (HELOCs) – whether secured by first liens or junior liens on one- to four-family residential property – are considered other real estate-related collateral for purposes of this guide.

¹ In the event the primary borrower of a loan originated as an owner-occupied primary residence ceases to occupy the subject property, the loan will be considered non-owner-occupied.

Eligible Collateral and Collateral Valuation for Housing Associates

Other Eligibility Guidelines (specific to fully disbursed, whole first mortgages secured by residential, owner-occupied one- to four-family manufactured housing property):

In addition to the eligibility requirements for residential first-mortgage loans listed above, to be considered as eligible collateral, manufactured housing loans must meet the following additional requirements:

- The manufactured housing must be located in a state where applicable state law defines the purchase or holding of manufactured housing as the purchase or holding of real property;

Please note that the Bank may require that a housing associate that seeks to pledge loans secured by manufactured housing as collateral deliver to the Bank a legal opinion in form and substance satisfactory to the Bank's legal department demonstrating that the foregoing requirement has been satisfied.

- Be on land owned by the borrower consistent with existing requirements for one- to four-family site-built homes (i.e., the borrower must own the home and the underlying land);
- Be permanently affixed or anchored to a foundation, connected to utilities, and any wheels, axles, and trailer hitches removed;
- The mortgage must include both the land and improvements — including the manufactured home; and
- Loan documentation must include the make, model, and serial identification number on the mortgage and all other requirements necessary to perfect a lien on such property.

Note: If you plan to pledge eligible manufactured housing one- to four-family residential loans as collateral, please contact the Collateral Department at 617-292-9711 or collateral@fhlbboston.com for specific pledging instructions.

Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates cont'd.



Eligible Collateral and Collateral Valuation for Housing Associates

Eligible Collateral	Valuation	Comments
<p>Fully disbursed whole first mortgages secured by owner-occupied one- to four-family residential property</p> <p>100 percent participation certificates backed by this type of collateral are the equivalent of whole loans</p>	<p>Conventional – up to 77 percent of the lower of market value or unpaid principal balance</p> <p>Nontraditional – up to 72 percent of the lower of market value or unpaid principal balance</p> <p>Subprime – up to 72 percent of the lower of market value or unpaid principal balance</p> <p>Note: Nontraditional and subprime mortgage loans are defined in accordance with Appendix C of this guide. Eligible mortgage loans that do not meet these definitions are considered “conventional”</p>	<p>Borrowing capacity from eligible subprime loans for all housing associates is limited to an amount no greater than the lesser of: (i) one-half the housing associate’s total collateral borrowing capacity; or (ii) two times the housing associate’s most recently reported GAAP capital amount.</p> <p>Collateral valuation for loans is based on the Bank’s risk analysis.</p>
<p>Fully disbursed whole first mortgages secured by owner-occupied one- to four-family residential property fully insured by the FHA</p>	<p>85 percent of the lower of market value or unpaid principal balance with a loan level listing 80 percent of the lower of market value or unpaid principal balance without a loan level listing</p>	
<p>Mortgages or other loans, with the exception of SBA and USDA loans, regardless of delinquency status, to the extent that the mortgages or loans are insured or guaranteed by the U. S. or any agency thereof</p>	<p>70 percent of the lower of market value or unpaid principal balance</p>	<p>Such insurance or guaranty must be for the direct benefit of the housing associate pledging the mortgage or loan as collateral.</p> <p>The Bank must be able to perfect its security interest in the insurance guarantee on such loans.</p> <p>The Bank does not accept loans guaranteed by SBA or the U.S. Department of Agriculture as collateral because the Bank is not able to perfect its security interest in the insurance guarantee of these loans at this time.</p>

Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates cont'd.



Eligible Collateral and Collateral Valuation for Housing Associates

Eligible Collateral	Valuation	Comments
Fully disbursed whole first mortgages on non-owner-occupied one- to four-family residential property	Up to 72 percent of unpaid principal balance	Requires a specific loan level listing to the Bank; at least quarterly, or more often as determined by the Bank. Actual collateral valuation for loans is based on the Bank's risk analysis.
Fully disbursed whole first mortgages secured by residential property of five or more units	Up to 71 percent of the lower of market value or unpaid principal balance	Requires review and acceptance by the Bank before pledging. Actual collateral valuation for housing associates that list or deliver loans is based on the Bank's risk analysis.
Fully disbursed whole first mortgages secured by residential property of five or more units insured by the FHA	85 percent of the lower of market value or unpaid principal balance without a loan level listing	Requires a specific loan level listing to the Bank at least quarterly, or more often as determined by the Bank. Actual collateral valuation for housing associates that list or deliver loans is based on the Bank's risk analysis.
<p>Note: For housing associates that execute a specific lien agreement, discounts applied to collateral are increased by 20 percent. For example, a discount of 35 percent increases to 42 percent.</p>		

Other Real Estate-Related Collateral

- In addition to the eligible collateral, the Bank may make an advance to a housing associate that has satisfied the requirements of section 1264.3(b) for the purpose of facilitating residential or commercial mortgage lending that benefits individuals or families meeting the income requirements in section 142(d) or 143(f) of the Internal Revenue Code (26 U.S.C. 142(d) or 143(f)) upon the security of the collateral noted in Appendix A.
- Other real estate-related collateral must have a readily ascertainable value, the Bank must be able to perfect a security interest in this collateral, and the Bank must be able to sell the property in a reasonable time frame if liquidation of collateral is necessary.
- Other real estate-related collateral is limited up to two times the housing associate's GAAP capital.
- Other real estate-related collateral must meet the other eligibility requirements for residential loans as outlined in this guide. Please reference the Bank's Collateral Pledging Guidelines for more information.
- Other real estate-related collateral must be reviewed and accepted by the Bank prior to pledging as eligible collateral.
- If accepted, the housing associate must provide the Bank with a specific loan level listing for accepted loans at least quarterly, and more often as determined by the Bank.

Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates cont'd.



Eligible Collateral and Collateral Valuation for Housing Associates

Eligible Collateral	Valuation	Comments
Fully-disbursed second-lien home equity loans and first- or second-lien home equity lines of credit (HELOCs) secured by the borrower's primary residence.	45 percent of unpaid principal balance (the balance drawn by the borrower in the case of a line of credit)	<p>Must be secured by the borrowers' primary residence.</p> <p>The combined loan-to-value ratio (CLTV) of the loan cannot exceed 80 percent. All other home equity loans and HELOCs are not considered eligible collateral.</p> <p>The Bank calculates CLTV by adding the loan balance, or, in the case of HELOCs, the maximum amount of the line of credit, to the first lien loan balance and dividing the total amount by the appraised value of the residence.</p>
Fully disbursed whole first mortgages secured by commercial real estate	<p>Up to 60 percent of the lower of market value or unpaid principal balance as determined by the Bank.</p> <p>Actual valuation up to 60 percent is based on the Bank's risk analysis.</p>	<p>All commercial real estate loans are accepted as collateral at the Bank's discretion. Commercial real estate loans with any connection to a marijuana-related business (MRB) are not eligible to be pledged as collateral. In some cases, housing associates may have commercial real estate loans that are secured with higher-risk property types such as those with potential environmental risks, single- or special-purpose properties, or properties that have limited improvements. These loans may have limited marketability if the Bank needed to liquidate the collateral and are generally not considered eligible collateral. Commercial real estate loans funded through the Bank's Affordable Housing Program may be acceptable as collateral provided the loans meet the eligibility requirements described above.</p> <p>Please contact the Bank's Collateral Department at 617-292-9711 or collateral@fhbboston.com for further information.</p>

Eligible Collateral	Rating ²	Term to Maturity	Valuation
Commercial Mortgage Backed Securities ¹	AAA	Less than five years	80 percent of market value
	AAA	Five years or greater	75 percent of market value
	AA	Less than five years	70 percent of market value
	AA	Five years or greater	60 percent of market value
	A ³	Less than five years	60 percent of market value
	A ³	Five years or greater	45 percent of market value

- 1 CMBS is eligible under the other real estate related collateral category. All collateral pledged under the ORERC category is limited to a discounted amount up to two times the housing associate's GAAP Capital.
- 2 The lowest rating by either Moody's, S&P, or Fitch will be used to consider eligibility.
- 3 CMBS that is rated only A by either Moody's, S&P, or Fitch will be limited to a discounted amount of 20 percent of the total pledge of CMBS collateral.

Note: For housing associates that execute a specific lien agreement, discounts applied to collateral are increased by 20 percent. For example, a discount of 20 percent increases to 24 percent.

Eligible Collateral and Collateral Valuation for Housing Associates

In addition to the criteria provided in the table above, the following criteria must also be met for CMBS to be deemed eligible collateral:

- Domestic CMBS deals only with a maximum threshold of 25 percent for any single loan or single borrower in the pool of collateral;
- Securities have to be publicly registered and publicly traded;
- A daily market price must be available from the Bank's custodian, Citibank, or an approved third-party custodian, and cash flows must be available for ongoing monitoring/modeling for the Bank to accept the CMBS as collateral;
- Minimum of 50 loans in the issue;
- Only senior tranches;
- All loans securing the bond must be secured by a first mortgage (no junior liens);
- Maximum weighted average LTV of 80 percent within the deal; and minimum weighted average DSCR of 1.20X.

CMBS with the following characteristics will be deemed ineligible to be pledged as collateral:

- Single property, single asset type, or single borrower;
- Non-public deals (private placement) or no CUSIP for pricing;
- CMBS denominated in currency other than U.S. dollars.
- Deals secured by land only loans;
- Securities sponsored by the housing associate or any of its affiliates;
- Subordinate tranches such as mezzanine and junior tranches (AM, AJ, class etc.);
- Securities that represent a share of only the interest payments or the principal payments from the underlying loans; and
- Any CMBS that has experienced interest payment shortfalls or that allows for the deferment of interest payments if there is a shortfall in cash flows (Available Funds Class).

The Bank will review each CMBS pledged and reserves the right to reject collateral for any reason.

Appendix A – Eligible Collateral and Collateral Valuation for Housing Associates cont'd.



Eligible Collateral		Rating	Duration Term	Valuation
Municipal Securities ¹	General Obligation Bond Short	AAA	Less than six years	85 percent of market value
	Revenue Bond Short	AAA	Less than six years	85 percent of market value
	General Obligation Bond Long	AAA	Six years or greater	80 percent of market value
	Revenue Bond Long	AAA	Six years or greater	75 percent of market value
	General Obligation Bond Short	AA	Less than six years	82 percent of market value
	Revenue Bond Short	AA	Less than six years	82 percent of market value
	General Obligation Bond Long	AA	Six years or greater	77 percent of market value
	Revenue Bond Long	AA	Six years or greater	72 percent of market value
	General Obligation Bond Short	A	Less than six years	70 percent of market value
	Revenue Bond Short	A	Less than six years	70 percent of market value
	General Obligation Bond Long	A	Six years or greater	65 percent of market value
	Revenue Bond Long	A	Six years or greater	57 percent of market value

¹ Municipal securities fall under the other real estate related collateral (ORERC) category. All collateral pledged under the ORERC category is limited to a discounted amount up to two times the housing associate's GAAP Capital.

Note: For housing associates that execute a specific lien agreement, discounts applied to securities collateral are increased by 20 percent. For example, a discount of 10 percent increases to 12 percent.

In addition to the criteria provided in the table on the previous page, the following criteria must also be met for municipal securities to be deemed eligible collateral:

- Proceeds of the security have been or will be used to finance the acquisition, development or improvement of real estate;
- Must be rated by two or more of the following NRSROs: Moody's, S&P, Fitch or Kroll;
- Long-term rating of A3/A- or better;
- Bonds rated A3/A- cannot be on negative watch by an NRSRO;
- If split rating, the lowest of the ratings is used;
- An implied rating is acceptable only in the case where credit enhancement is in the form of underlying government or agency securities;
- Securities have to be publicly registered and publicly traded;
- A daily market price must be available from the Bank's custodian, Citibank, or the approved third-party custodian;
- Minimum issuance size of \$25 million.

Municipal securities with the following characteristics will be deemed ineligible to be pledged as collateral:

- IO, PO (zero coupon), leased backed, tender option bond (TOB), variable rate demand note (VRDN);
- No private placement securities¹. Only securities with offering codes of competitive, limited, or negotiated are eligible;
- Certificate of participation, variable rate product or short-term product that involves auction rate;
- Third-party support/enhancement other than US government/agency collateralized;
- Following type of revenue bonds: Pension obligation, Tobacco settlement, Special revenue/assessment, Tax increment/allocation, and Industrial development.

¹ Defined as a primary offering in which a placement agent sells a new issue of municipal securities on behalf of the issuer directly to investors on an agency basis rather than by purchasing the securities from the issuer and reselling them to investors. Investors purchasing privately placed securities often are required to agree to restrictions as to resale and are sometimes requested or required to provide a private placement letter to that effect.

The Bank supports the expansion of fair and equitable homeownership opportunities. To discourage predatory lending practices, which are inconsistent with such opportunities, and to protect the Bank from potential liabilities, the Bank has established the following anti-predatory lending policy ("APL Policy") with respect to residential mortgage loans and securities backed by residential mortgage loans pledged by housing associates to it as collateral ("Residential Mortgage Collateral").

Anti-Predatory Lending Policy

All housing associates must file an anti-predatory lending statement with the Bank as a requirement for borrowing.

The Bank requires that Residential Mortgage Collateral comply with applicable federal, state, and local anti-predatory lending laws and other similar credit-related consumer protection laws, regulations and orders designed to prevent or regulate abusive and deceptive lending practices and loan terms (collectively, “Anti-Predatory Lending Laws”). For example, Anti-Predatory Lending Laws may prohibit or limit certain practices and characteristics, including, but not limited to the following:

- Requiring the borrower to obtain prepaid, single-premium credit life, credit disability, credit unemployment, or other similar credit insurance;
- Requiring mandatory arbitration provisions with respect to dispute resolution in the loan documents; or
- Charging prepayment penalties for the payoff of the loan beyond the early years of such loan.

Any Residential Mortgage Collateral that does not comply with all applicable Anti-Predatory Lending Laws will be ineligible as collateral to support advances or other activity with the Bank. Additionally, the Bank will not give collateral value for any residential mortgage loans on owner-occupied property, whether pledged individually or as part of a private-label (nonagency) MBS, if it meets one or more of the following criteria:

- The annual interest rate and/or points and fees charged for the loan exceed the thresholds of the Home Equity Ownership Protection Act of 1994 (HOEPA);
- The loan has been identified by a housing associate’s primary federal regulator as possessing predatory characteristics;
- The loan includes prepaid, single-premium credit insurance;
- The loan is subject to state and/or local laws where one or more of the major credit-rating agencies (Standard and Poor’s, Moody’s Investors Service, and/or Fitch Ratings) will not rate a security (or securities) in which the underlying collateral pool contains such a loan; or
- The loan is defined as a High-Cost Loan, Covered Loan, or Home Loan as are loans categorized under one or more federal, state, or local predatory lending laws as having certain potentially predatory characteristics.
- The loan includes penalties in connection with the prepayment of the mortgage beyond the early years of the loan.
- The loan requires mandatory arbitration to settle disputes.

Anti-Predatory Lending Policy

Housing associates are responsible for avoiding all unlawful practices and terms prohibited by applicable Anti-Predatory Lending Laws, regardless of whether they originate or purchase the Residential Mortgage Collateral being pledged to the Bank. The Bank will take those steps it deems reasonably necessary in order to confirm or monitor housing associates' compliance with this policy. The Bank will adopt procedures to monitor for housing associate compliance with this APL Policy which will:

1. Ensure that all housing associates have executed the representation and warranty certification;
2. Review housing associate regulator exam reports for findings pertaining to fair lending and/or abusive lending practices;
3. Monitor housing associate regulator alerts for newly issued supervisory agreements, memoranda of understanding, or cease and desist orders pertaining to unfair lending and/or abusive lending practices;
4. If abusive lending issues are identified by the housing associate's regulator, or if, Bank staff identifies APL abuses then the housing associate will be required to undertake a review of its policy and procedures for compliance with the Bank's collateral policies. At its discretion, the Bank may permit such a review to be conducted by the housing associate's internal auditor or the Bank may choose to conduct the review itself or use a third party, at the expense of the housing associate.

In addition, the Bank reserves the right to require evidence reasonably satisfactory to the Bank that Residential Mortgage Collateral does not violate applicable Anti-Predatory Lending Laws. With respect to Residential Mortgage Collateral purchased by the housing associate, the housing associate is responsible for conducting due diligence that it deems sufficient to support its certification and indemnification agreements with the Bank. In addition to the terms and conditions of the Bank's Advances and Security Agreement ("Advances Agreement"), each housing associate must execute a Certification agreement with the Bank that: (1) certifies its understanding and compliance with the Bank's APL Policy and all applicable Anti-Predatory Lending Laws; and (2) certifies it will maintain qualifying collateral and will (a) substitute eligible collateral for any Residential Mortgage Collateral that does not comply in all material respects with applicable Anti-Predatory Lending Laws or this APL Policy; and (b) indemnify, defend and hold the Bank harmless from and against all losses, damages, claims, actions, causes of action, liabilities, obligations, judgments, penalties, fines, forfeitures, costs and expenses, including, without limitation, legal fees and expenses, that result from the pledge of any Residential Mortgage Collateral that does not comply in all material respects with applicable Anti-Predatory Lending Laws or this APL Policy.

The Bank will not knowingly accept as eligible collateral Residential Mortgage Collateral that violates applicable Anti-Predatory Lending Laws or this APL Policy. If the Bank knows or discovers that such Residential Mortgage Collateral violates applicable Anti-Predatory Lending Laws or this APL Policy, the Bank may, in addition to all available rights and remedies at law or in equity (1) require the housing associate to substitute eligible collateral, (2) value such Residential Mortgage Collateral at zero for collateral purposes, and (3) require the housing associate to undertake a review of its policies, practices, and procedures for complying with the Bank's collateral policies.

Subprime and Nontraditional Loan Guidelines

The purpose of these guidelines is to establish the risk-management guidelines and exposure limits around subprime and nontraditional mortgage loans accepted as collateral for advances by the Bank.

Definitions

- A “subprime loan” is a loan where the representative FICO score of any borrower relied upon as a source of repayment for the loan is 660 or lower. The representative FICO score is the one most recently obtained by the housing associate. If the housing associate obtains two FICO credit scores for a borrower, the lower of the two scores is the representative FICO score.
- If the housing associate obtains three FICO scores for a borrower, the middle score is the representative FICO score. When there are multiple borrowers, determine the applicable representative score for each individual borrower (as above) and select the lowest applicable score from the group of borrowers as the representative credit score for the mortgage.
- The FICO score is the primary means by which the Bank identifies a subprime loan. The FICO score should be used to identify a subprime loan whenever possible. In some cases, a FICO score is not available. In these cases, the Bank defines a subprime loan as a loan to a borrower with a weak credit history. A weak credit history is characterized by a history of late payments, bankruptcy, judgments, repossession, and/or foreclosure.
- A “nontraditional loan” is a mortgage loan that allows the borrower to defer repayment of the principal. Nontraditional mortgage products include such products as “interest-only” mortgages where a borrower pays no loan principal for the first few years of the loan, and mortgage products that have balloon features at the maturity date.
- A “subprime MBS” is a non-agency MBS where the underlying pool of mortgage loans at the time of the origination of the security has a weighted average FICO score below 660 and/or where the underlying mortgage pools includes subprime loans in an amount greater than one-third of the pool balance.
- A “nontraditional MBS” is a non-agency MBS where more than one-third of the underlying mortgage pool at the time of origination of the security consists of nontraditional loans.

Advances Collateral – Loans

The Bank accepts subprime loans and nontraditional loans that are underwritten in accordance with applicable regulatory guidance as eligible collateral for Bank advances. Any loans that meet the definition of a subprime and/or nontraditional loan in accordance with these guidelines and that were originated on or after July 10, 2007, must comply with the “Interagency Guidance on Nontraditional Mortgage Product Risks” and “Statement on Subprime Mortgage Lending” issued by the federal banking regulators on October 4, 2006, and July 10, 2007, respectively. If any such loan does not comply with this guidance as applicable, it is not eligible as collateral. In addition, the Bank does not accept as eligible collateral any mortgage loan that allows for negative amortization of the principal balance, including, but not limited to, pay-option ARM mortgage loans.

The Bank recognizes that these types of loans may present incremental credit risk to the Bank. Therefore, the Bank has monitoring and review procedures in place to measure the incremental risk presented by this collateral and to mitigate this incremental credit risk.

Advances Collateral – Mortgage-Backed Securities

The Bank does not accept Nontraditional MBS or Subprime MBS as collateral for advances. Any security acquired by the housing associate on or after July 10, 2007 that includes a loan or loans that meet the definition of a Subprime and/or Nontraditional Loan in accordance with these guidelines must comply with the “Interagency Guidance on Nontraditional Mortgage Product Risks” and “Statement on Subprime Mortgage Lending” issued by the federal banking regulators on October 4, 2006 and July 10, 2007, respectively. The housing associate must obtain an enforceable representation and warranty from the issuer of the security that all of the loans comply with the guidance noted. If the housing associate is unable to obtain such a representation and warranty from the issuer, then the security will not be eligible as collateral.

For all pledges of non-agency MBS collateral, housing associates must complete a pre-pledge checklist describing the security and the collateral backing the security. Based on this pre-pledge checklist and other analytical tools available to the Bank, including Bloomberg, rating agency subscriptions, and Intexnet, the Bank assesses the credit risk associated with the security based on the risk profile of the underlying loan collateral, structural or third-party credit enhancements to the security, and the collateral valuation discount applied. Based on this analysis of the security, the Bank may determine not to accept a security as collateral, or to adjust the collateral valuation discount applied.

The following advances confirmations can be downloaded in PDF format in the [Forms + Applications](#) section of our website www.fhlbboston.com.

- Confirmation for Amendment and Restatement of Advance
- Confirmation for Amortizing Advances
- Confirmation for Capped Advances
- Confirmation for Classic Plus Cap Advances
- Confirmation for Collared Advances
- Confirmation for Corridor Advances
- Confirmation for Community Development Member Option Advances
- Confirmation for Community Lending Advances
- Confirmation for Curve Flattener or Steepener Advance
- Confirmation for Daily Cash Manager Advances
- Confirmation for Discount Note Floating Auction Rate Advances
- Confirmation for Expander Advances
- Confirmation for Fixed-Rate Advances
- Confirmation for HLB Convertible Option Advances (Flipper)
- Confirmation for HLB-Option Advances
- Confirmation for HLB-Option Plus Cap Advances
- Confirmation for Knockout Advances
- Confirmation for LIBOR Floating Rate Advances
- Confirmation for Member Option Advances
- Confirmation for Rollover Cash Manager Advances
- Confirmation for Slider Advances (LIBOR Floating Rate Advance with Declining Rate Participation)
- Confirmation for SOFR-Indexed Advances
- Confirmation for Symmetrical Prepayment Advances

Borrowing Documentation

Housing Associates

All housing associates are required to execute the Agreement for Advances, Collateral Pledge, and Security Agreement for Nonmember Borrowers which establishes the Bank's lien on all eligible assets to secure all extensions of credit.

As an alternative to executing our standard Advances Agreement, housing associates may execute an Agreement which establishes a specific lien on assets pledged to us to secure all advances made to the member by the Bank.

All housing associates must file an anti-predatory lending statement with the Bank as a requirement for borrowing.

As noted in the Underwriting Requirements section, Housing associates are required to complete and submit the Supplement-A to Application for Advance for Housing Associates (Supplement-A for Housing Associates) when requesting an extension of credit from the Bank or to roll an existing maturing advance into a new advance.

Other Documentation

The Bank reserves the right to require, in its sole discretion, additional documentation, including, without limitation, agreements, resolutions, certifications, legal opinions, and applications, as a pre-condition to any housing associate obtaining an extension of credit from the Bank.

Release of Collateral

The Bank requires housing associates to pledge adequate eligible collateral to satisfy their Bank-approved collateral maintenance levels. From time to time, a housing associate that has listed or delivered collateral to the Bank, the Bank's designee, or an approved third-party custodian may request the release of excess collateral (pledged collateral that exceeds the housing associate's individual collateral maintenance level). Supporting releases are included in the **Request to Release Pledged Loan Collateral**, and the **Request to Release Pledged Securities Collateral**.

Bank Contacts

Credit	617-292-9795	credit@fhlboston.com
Collateral	617-292-9711	collateral@fhlboston.com
Housing and Community Investment	888-424-3863	housing@fhlboston.com
Member Funding Desk	800-357-3452	memberfunding@fhlboston.com
Kenneth A. Willis	888-424-3863	kenneth.willis@fhlboston.com