Invesco Mortgage Capital Inc. Form 424B5 June 20, 2011

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The information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not soliciting an offer to buy these securities in any state where the offer or sale thereof is not permitted.

SUBJECT TO COMPLETION, DATED JUNE 20, 2011 PRELIMINARY PROSPECTUS SUPPLEMENT TO PROSPECTUS DATED MAY 27, 2011 15,000,000 Shares

Invesco Mortgage Capital Inc.

Common Stock

We are offering 15,000,000 shares of our common stock as described in this prospectus supplement and the accompanying prospectus.

Our common stock is traded on the New York Stock Exchange, or NYSE, under the symbol IVR. The closing price of our common stock on the NYSE on June 17, 2011 was \$20.89 per share.

The underwriters may also purchase up to an additional 2,250,000 shares of our common stock from us at the public offering price, less the underwriting discount, within 30 days after the date of this prospectus supplement to cover over-allotments, if any.

To assist us in maintaining our qualification as a real estate investment trust, or REIT, for federal income tax purposes, no person may own more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock, unless our board of directors waives this limitation.

Investing in our common stock involves risk. See the risks set forth under the heading Item 1A. Risk Factors beginning on page 14 of our Annual Report on Form 10-K for the year ended December 31, 2010 and the risks set forth under the heading Item 1A. Risk Factors beginning on page 41 of our Quarterly Report on Form 10-Q for the quarter ended March 31, 2011.

| | Per Share | Total |
|--|-----------|-------|
| Public offering price | \$ | \$ |
| Underwriting discounts and commissions | \$ | \$ |
| Proceeds, before expenses, to us | \$ | \$ |

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The shares will be ready for delivery on or about , 2011.

Credit Suisse Morgan Stanley

The date of this prospectus supplement is , 2011.

Table of Contents

TABLE OF CONTENTS PROSPECTUS SUPPLEMENT

| About this Prospectus Supplement | Page S-ii |
|---|---------------------|
| Special Note Regarding Forward-Looking Statements | S-iii |
| Prospectus Supplement Summary | S-1 |
| <u>Use of Proceeds</u> | S-4 |
| Capitalization | S-5 |
| Underwriting | S-6 |
| <u>Legal Matters</u> | S-10 |
| Experts PROSPECTUS | S-10 |
| About this Prospectus | Page 1 |
| Special Note Regarding Forward-Looking Statements | 2 |
| Where You Can Find More Information | 4 |
| Incorporation of Certain Documents by Reference | |
| Invesco Mortgage Capital Inc. | 5 |
| Risk Factors | 5 |
| Use of Proceeds | 5 |
| Ratio of Earnings to Fixed Charges | 5 |
| Description of Capital Stock | 6 |
| Description of Depositary Shares | 8 |
| Description of Warrants | 11 |
| Description of Shareholder Rights | 12 |
| Description of Debt Securities | 13 |
| Description of Units | 22 |
| Table of Contents | |

3

| Restrictions on Ownership and Transfer | 22 |
|---|----|
| Certain Provisions of the Maryland General Corporation Law and Our Charter and Bylaws | 25 |
| U.S. Federal Income Tax Considerations | 30 |
| Selling Securityholders | 51 |
| Plan of Distribution | 51 |
| Legal Matters | 55 |
| Experts | 55 |

You should rely only on the information contained in this document or to which we have referred you. We have not authorized anyone to provide you with information that is different. This document may only be used where it is legal to sell these securities. The information in this document may only be accurate on the date of this document.

S-i

ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement is a supplement to the accompanying prospectus that is also a part of this document. This prospectus supplement and the accompanying prospectus are part of a registration statement on Form S-3ASR that we filed with the Securities and Exchange Commission, or SEC or Commission, using a shelf registration process. This prospectus supplement contains specific information about us and the terms on which we are offering and selling shares of our common stock. To the extent that any statement made in this prospectus supplement is inconsistent with statements made in the prospectus, the statements made in the prospectus will be deemed modified or superseded by those made in this prospectus supplement. To the extent any information or data in any documents filed by the Company and incorporated by reference herein is inconsistent with prior information or data previously provided by the Company, the information or data in the previously filed document shall be deemed modified or superseded by the subsequent information or data. Before you purchase shares of our common stock, you should carefully read this prospectus supplement, the accompanying prospectus and the registration statement, together with the documents incorporated by reference in this prospectus supplement and the accompanying prospectus.

When used in this prospectus, the terms company, issuer, we, our, and us refer to Invesco Mortgage Capit and its consolidated subsidiaries, unless otherwise specified. Our Manager refers to Invesco Advisers, Inc., a Delaware corporation, our external manager. Invesco refers to Invesco Ltd., together with its consolidated subsidiaries (other than us), which is the indirect parent company of our Manager.

S-ii

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

We make forward-looking statements in this prospectus supplement, the accompanying prospectus and other filings we make with the SEC within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and such statements are intended to be covered by the safe harbor provided by the same. Forward-looking statements are subject to substantial risks and uncertainties, many of which are difficult to predict and are generally beyond our control. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans and objectives. When we use the words believe, expect. anticipate. estimate. plan. continue. intend. should. may or similar expressions, we intend to ide forward-looking statements. Statements regarding the following subjects, among others, may be forward-looking:

use of proceeds of this offering;

our business and investment strategy;

our investment portfolio;

our projected operating results;

the impact of any deficiencies in foreclosure practices of third parties and related delays in the foreclosure process;

actions and initiatives of the U.S. government and changes to U.S. government policies, including the Dodd-Frank Wall Street Reform and Consumer Protection Act and our ability to respond to and comply with such actions, initiatives and changes;

our ability to obtain additional financing arrangements and the terms of such arrangements;

financing and advance rates for our target assets;

our expected leverage;

general volatility of the securities markets in which we invest;

our expected investments;

interest rate mismatches between our target assets and our borrowings used to fund such investments;

changes in interest rates and the market value of our target assets;

changes in prepayment rates on our target assets;

effects of hedging instruments on our target assets;

rates of default or decreased recovery rates on our target assets;

modifications to whole loans or loans underlying securities;

the degree to which our hedging strategies may or may not protect us from interest rate volatility;

changes in governmental regulations, tax law and rates, and similar matters and our ability to respond to such changes;

our ability to maintain our qualification as a REIT for U.S. federal income tax purposes;

our ability to maintain our exemption from registration under the Investment Company Act of 1940, as amended;

S-iii

Table of Contents

availability of investment opportunities in mortgage-related, real estate-related and other securities;

availability of qualified personnel;

estimates relating to our ability to continue to make distributions to our shareholders in the future;

changes to accounting principles generally accepted in the U.S.;

our understanding of our competition; and

market trends in our industry, interest rates, real estate values, the debt securities markets or the general economy.

The forward-looking statements are based on our beliefs, assumptions and expectations of our future performance, taking into account all information currently available to us. You should not place undue reliance on these forward-looking statements. These beliefs, assumptions and expectations can change as a result of many possible events or factors, not all of which are known to us. Some of these factors are described in our Annual Report on Form 10-K for the year ended December 31, 2010 and our Quarterly Report on Form 10-Q for the quarter ended March 31, 2011, both of which are incorporated by reference in this prospectus supplement and the accompanying prospectus, under the headings Risk Factors, Management s Discussion and Analysis of Financial Condition and Results of Operations and Business. If a change occurs, our business, financial condition, liquidity and results of operations may vary materially from those expressed in our forward-looking statements. Any forward-looking statement speaks only as of the date on which it is made. New risks and uncertainties arise over time, and it is not possible for us to predict those events or how they may affect us. Except as required by law, we are not obligated to, and do not intend to, update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

S-iv

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information about us. It may not contain all the information that may be important to you in deciding whether to invest in our common stock. You should read this entire prospectus supplement and the accompanying prospectus, together with the information incorporated by reference, including the risk factors, financial data and related notes, before making an investment decision.

Our Company

Invesco Mortgage Capital Inc. is a Maryland corporation primarily focused on investing in, financing and managing residential and commercial mortgage-backed securities and mortgage loans. We invest in residential mortgage-backed securities for which a U.S. government agency or a federally chartered corporation guarantees payments of principal and interest on the securities, or Agency RMBS. In addition, we invest in residential mortgage-backed securities that are not issued or guaranteed by a U.S. government agency, or non-Agency RMBS, commercial mortgage-backed securities, or CMBS, and residential and commercial mortgage loans. We generally finance our Agency RMBS, non-Agency RMBS and CMBS through repurchase agreement financing. In addition, we have historically financed our CMBS portfolio with financings under the U.S. government s Term Asset-Backed Securities Loan Facility, which was repaid and replaced by repurchase agreements during 2010. We have also financed our investments in certain non-Agency RMBS, CMBS and residential and commercial mortgage loans by contributing capital to one of the legacy securities public-private investment funds established and managed by our Manager or one of its affiliates, that receive financing under the U.S. government s Public-Private Investment Program, or the Invesco PPIP Fund, which, in turn, invests in our target assets. We are externally managed and advised by Invesco Advisers, Inc., a Delaware corporation and an indirect, wholly-owned subsidiary of Invesco Ltd., an independent global investment company listed on the New York Stock Exchange (NYSE: IVZ).

We have elected to be taxed as a REIT for federal income tax purposes beginning with our taxable year ended December 31, 2009 and we intend to continue to be taxed as a REIT. To assist us in maintaining our qualification as a REIT, shareholders are generally restricted from owning more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock. In addition, our charter contains various other restrictions on the ownership and transfer of our common stock. See Restrictions on Ownership and Transfer in the accompanying prospectus.

Our principal offices are located at 1555 Peachtree Street, NE, Atlanta, Georgia 30309, and our telephone number at that address is (404) 892-0896. Our website is located at http://www.invescomortgagecapital.com. The information contained on our website is not part of this prospectus supplement or the accompanying prospectus.

Recent Developments

Our book value per share of common stock at May 31, 2011 was \$20.63, compared to \$21.24 at March 31, 2011, in each case on a fully diluted basis. The May 31, 2011 book value includes our retained earnings of April and May 2011. This decline in our book value was primarily due to the change in the valuation of our interest rate hedges. Since May 31, 2011, swap rates have experienced further declines and the markets in which we participate have experienced increased volatility, which could negatively impact our book value.

On June 9, 2011, our board of directors declared a dividend of \$0.97 per share for the second quarter of 2011. The dividend represents our estimate of undistributed taxable earnings. The dividend will be paid on July 28, 2011 to shareholders of record on June 17, 2011 and therefore, investors in this offering will not be entitled to receive this dividend.

S-1

Table of Contents

The Offering

Common stock offered by us (1)

15,000,000 shares.

Common stock outstanding after this offering (1)

88,394,369 shares.

Use of Proceeds

Our net proceeds from the sale of the common stock will be approximately \$ million, after deducting underwriting discounts and estimated offering expenses. If the underwriters over-allotment option is exercised in full, our net proceeds from the offering will be approximately \$ million, after deducting underwriting discounts and estimated offering expenses. We plan to use all of the net proceeds from this offering to purchase Agency RMBS, non-Agency RMBS, CMBS and certain residential and commercial mortgage loans and to invest in the Invesco PPIP Fund, in each case subject to our investment guidelines and to the extent consistent with maintaining our REIT qualification and other general corporate purposes. Our Manager will make the final determinations as to the percentage of our equity that will be invested in, as well as the appropriate amounts of leverage that we maintain in respect of, each of our target assets and asset classes. Our Manager s determinations will depend upon then prevailing market conditions and may change over time in response to opportunities available in different interest rate, economic and credit environments. Until appropriate assets can be identified, our Manager may decide to use the net proceeds to pay off our short-term debt or invest the net proceeds in interest-bearing short-term investments, including funds which are consistent with our REIT election. These investments are expected to provide a lower net return than we seek to achieve from our target assets. Prior to the time we have fully used the net proceeds of this offering to acquire our target assets, we may fund our quarterly distributions out of such net proceeds.

Distribution Policy

We intend to continue to make regular quarterly distributions to holders of our common stock in an amount equal to at least 90% of our taxable income. U.S. federal income tax law generally requires that a REIT distribute annually at least 90% of its REIT taxable income, determined without regard to the deduction for dividends paid and excluding net capital gains, and that it pay tax at regular corporate rates on its undistributed taxable income.

Any distributions we make are at the discretion of our board of directors and depend upon, among other things, our actual results of operations. These results and our ability to continue to pay distributions will be affected by various factors, including the net interest and other income from our

S-2

portfolio, our operating expenses and any other

expenditures.

New York Stock Exchange symbol

IVR

Risk Factors

Investing in our common stock involves a high degree of risk. You should carefully read and consider the information set forth under the headings. Item 1A. Risk Factors beginning on page 14 of our Annual Report on Form 10-K for the year ended December 31, 2010 and Item 1A. Risk Factors beginning on page 41 of our Quarterly Report on Form 10-Q for the quarter ended March 31, 2011 and all other information in this prospectus supplement and the accompanying

prospectus before investing in our common stock.

(1) We have granted the underwriters a 30-day option to purchase up to 2,250,000 additional shares of our common stock. Unless otherwise indicated, all amounts in this prospectus supplement assume no exercise of the underwriters option.

S-3

USE OF PROCEEDS

We plan to use all of the net proceeds from this offering to purchase Agency RMBS, non-Agency RMBS, CMBS and certain residential and commercial mortgage loans and to invest in the Invesco PPIP Fund, in each case subject to our investment guidelines and to the extent consistent with maintaining our REIT qualification and other general corporate purposes. Our Manager will make the final determinations as to the percentage of our equity that will be invested in, as well as the appropriate amounts of leverage that we maintain in respect of, each of our target assets and asset classes. Our Manager s determinations will depend upon then prevailing market conditions and may change over time in response to opportunities available in different interest rate, economic and credit environments. Until appropriate assets can be identified, our Manager may decide to use the net proceeds to pay off our short-term debt or invest the net proceeds in interest-bearing short-term investments, including funds which are consistent with our REIT election. These investments are expected to provide a lower net return than we seek to achieve from our target assets. Prior to the time we have fully used the net proceeds of this offering to acquire our target assets, we may fund our quarterly distributions out of such net proceeds.

S-4

CAPITALIZATION

The following table sets forth (1) our actual capitalization at March 31, 2011, and (2) our capitalization as adjusted to reflect the effect of the sale of our common stock in this offering at the offering price of \$ per share, after deducting the underwriting discount and estimated offering expenses. You should read this table together with our consolidated financial statements and the related notes incorporated by reference in this prospectus supplement and the accompanying prospectus.

| Shareholders equity: | Actual (As of March 31, 2011) | | As Adjusted for this Offering ⁽¹⁾ | |
|--|--|---------------------|--|--|
| Common stock, par value \$0.01 per share; 450,000,000 shares authorized, and 72,154,375, shares issued and outstanding, actual and 88,394,369 shares outstanding, as adjusted ⁽²⁾ Preferred Stock, par value \$0.01 per share; 50,000,000 shares authorized and 0 shares issued and outstanding, actual and 0 shares outstanding, as adjusted | \$ | 722 | \$ | |
| Additional paid in capital | | 1,472,642 | | |
| Accumulated other comprehensive income | | 63,263 | | |
| Retained earnings | | (6,228) | | |
| Total shareholders equity Noncontrolling interests | | 1,530,399 32,592 | | |
| Total capitalization | \$ | 1,562,991 | \$ | |

- (1) Does not include the underwriters option to purchase up to 2,250,000 additional shares.
- (2) Includes 1,238,527 shares issued under our Dividend Reinvestment and Share Purchase Plan in April, May and June 2011 and 1,467 shares issued to our non-executive directors in May 2011.

S-5

UNDERWRITING

Subject to the terms and conditions of the underwriting agreement, the underwriters named below, through their representatives Credit Suisse Securities (USA) LLC and Morgan Stanley & Co. LLC, have severally agreed to purchase from us the following respective number of shares of common stock at a public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus supplement:

Underwriter Number of Shares

Credit Suisse Securities (USA) LLC Morgan Stanley & Co. LLC

Total 15,000,000

The underwriting agreement provides that the obligations of the several underwriters to purchase the shares of common stock offered hereby are subject to certain conditions precedent and that the underwriters will purchase all of the shares of common stock offered by this prospectus supplement, other than those covered by the over-allotment option described below, if any of these shares are purchased.

We have been advised by the representatives of the underwriters that the underwriters propose to offer the shares of common stock to the public at the public offering price set forth on the cover of this prospectus supplement and to dealers at a price that represents a concession not in excess of \$ per share under the public offering price. After the initial public offering, the representatives of the underwriters may change the offering price and other selling terms.

We have granted to the underwriters an option, exercisable not later than 30 days after the date of this prospectus supplement, to purchase up to 2,250,000 additional shares of common stock at the public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus supplement. The underwriters may exercise this option only to cover over-allotments made in connection with the sale of the common stock offered by this prospectus supplement. To the extent that the underwriters exercise this option, each of the underwriters will become obligated, subject to conditions, to purchase approximately the same percentage of these additional shares of common stock as the number of shares of common stock to be purchased by it in the above table bears to the total number of shares of common stock offered by this prospectus supplement. We will be obligated to sell these additional shares of common stock to the underwriters to the extent the option is exercised. If any additional shares of common stock are purchased, the underwriters will offer the additional shares on the same terms as those on which the shares are being offered.

The underwriting discounts and commissions per share are equal to the public offering price per share of common stock less the amount paid by the underwriters to us per share of common stock. We have agreed to pay the underwriters the following discounts and commissions, assuming either no exercise or full exercise by the underwriters of the underwriters over-allotment option:

| | Total Fees | |
|-------|--------------|--------------|
| | Without | With Full |
| | Exercise | Exercise |
| Fee | | |
| per | of the Over- | of the Over- |
| | Allotment | Allotment |
| Share | Option | Option |
| \$ | \$ | \$ |

Discounts and commissions

In addition, we estimate that our share of the total expenses of this offering, excluding underwriting discounts and commissions, will be approximately \$275,500.

Table of Contents 15

S-6

Table of Contents

We and our operating partnership, IAS Operating Partnership LP, have agreed to indemnify the underwriters against some specified types of liabilities, including liabilities under the Securities Act, and to contribute to payments the underwriters may be required to make in respect of any of these liabilities.

We, each of our directors and executive officers, our Manager and certain officers of our Manager and Invesco Investments (Bermuda) Ltd. have agreed not to offer, sell, contract to sell or otherwise dispose of or hedge, or enter into any transaction that is designed to, or could be expected to, result in the disposition of any shares of our common stock or other securities convertible into or exchangeable or exercisable for shares of our common stock or derivatives of our common stock owned by us or any of these persons prior to this offering for a period of 60 days after the date of this prospectus supplement without the prior written consent of Credit Suisse Securities (USA) LLC and Morgan Stanley & Co. LLC. However, each of our directors and executive officers and certain officers of our Manager may transfer or dispose of our shares during this 60-day lock-up period in the case of gifts or for estate planning purposes where the donee agrees to a similar lock-up agreement for the remainder of the 60-day lock-up period. In addition, we may issue shares pursuant to our Dividend Reinvestment and Share Purchase Plan during this 60-day lock-up period.

There are no agreements between Credit Suisse Securities (USA) LLC or Morgan Stanley & Co. LLC and any of our shareholders or affiliates releasing them from these lock-up agreements prior to the expiration of the 60-day lock-up period.

In connection with the offering, the underwriters may purchase and sell shares of our common stock in the open market. These transactions may include short sales, purchases to cover positions created by short sales and stabilizing transactions.

Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in the offering. Covered short sales are sales made in an amount not greater than the underwriters—option to purchase additional shares of common stock from us in the offering. The underwriters may close out any covered short position by either exercising their option to purchase additional shares or purchasing shares in the open market. In determining the source of shares to close out the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the over-allotment option.

Naked short sales are any sales in excess of the over-allotment option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if underwriters are concerned that there may be downward pressure on the price of the shares in the open market prior to the completion of the offering.

Stabilizing transactions consist of various bids for or purchases of our common stock made by the underwriters in the open market prior to the completion of the offering.

The underwriters may impose a penalty bid. This occurs when a particular underwriter repays to the other underwriters a portion of the underwriting discount received by it because the representatives of the underwriters have repurchased shares sold by or for the account of that underwriter in stabilizing or short covering transactions.

S-7

Purchases to cover a short position and stabilizing transactions may have the effect of preventing or slowing a decline in the market price of our common stock. Additionally, these purchases, along with the imposition of the penalty bid, may stabilize, maintain or otherwise affect the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. These transactions may be effected on the NYSE or otherwise.

A prospectus in electronic format may be made available on web sites maintained by one or more underwriters. Other than the prospectus in electronic format, the information on any underwriter s web site and any information contained in any other web site maintained by an underwriter is not part of this prospectus supplement or the accompanying prospectus.

In the ordinary course of their businesses, the underwriters and/or their respective affiliates may engage in financial transactions with, and perform investment banking, lending, asset management and/or financial advisory services for us and/or our affiliates (including, but not limited to Invesco and our Manager). They receive customary fees and reimbursements of expenses for these transactions and services.

In addition, in the ordinary course of their various business activities, the underwriters and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers and such investment and securities activities may involve our securities and/or instruments.

We have entered into master repurchase agreements and/or interest rate swap agreements with Credit Suisse Securities (USA) LLC and/or its affiliates and Morgan Stanley & Co. LLC and/or its affiliates, in each case for the financing of our acquisitions of Agency, non-Agency RMBS and CMBS and hedging of interest rate volatility.

Selling Restrictions European Economic Area

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State), each underwriter has represented and agreed that it has not made and will not make an offer to the public of shares which are the subject of the offering (the Shares) in that Relevant Member State prior to the publication of a prospectus in relation to the Shares which has been approved by the competent authority in that Relevant Member State or, where appropriate, approved by the competent authority in another Relevant Member State and published and passported in accordance with the Prospectus Directive as implemented in that Relevant Member State, except that it may, make an offer to the public in that Relevant Member State of any Shares at any time following exemptions under the Prospectus Directive if they have been implemented in that Relevant Member State:

- 1. to legal entities which are authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;
- 2. to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year; (2) a total balance sheet of more than 43,000,000 and (3) an annual net turnover of more than 50,000,000, as shown in its last annual or consolidated accounts;
- 3. to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive) subject to obtaining the prior consent of Credit Suisse Securities (USA) LLC for any such offer; or
- 4. in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of shares shall result in a requirement for the publication by us or any underwriter of a prospectus pursuant to Article 3 of the Prospectus Directive.

S-8

Table of Contents

For the purposes of this provision, the expression an offer of shares to the public in relation to any shares in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the shares to be offered so as to enable an investor to decide to purchase or subscribe the shares, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State and the expression Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant Member State.

In the case of any shares being offered to a financial intermediary as that term is used in Article 3(2) of the Prospectus Directive, such financial intermediary will also be deemed to have represented, acknowledged and agreed that the shares acquired by it in the offering have not been acquired on a non-discretionary basis on behalf of, nor have they been acquired with a view to their offer or resale to persons in circumstances which may give rise to an offer of any shares to the public other than their offer of resale in a Relevant Member State to qualified investors as so defined or in circumstances in which the prior consent of the underwriters has been obtained to each such proposed offer or resale. We, and the underwriters and their affiliates, and others will rely upon the truth and accuracy of the foregoing representation, acknowledgement and agreement. Notwithstanding the above, a person who is not a qualified investor and who has notified the underwriters of such fact in writing may, with the consent of the underwriters, be permitted to purchase shares in the offering.

S-9

LEGAL MATTERS

Certain legal matters relating to this offering will be passed upon for us by Alston & Bird LLP, Atlanta, Georgia. Certain legal matters relating to this offering will be passed upon for the underwriters by Skadden, Arps, Slate, Meagher & Flom LLP, New York, New York. As to certain matters of Maryland law, Alston & Bird LLP may rely on the opinion of Venable LLP, Baltimore, Maryland.

EXPERTS

The audited financial statements and management s assessment of the effectiveness of internal control over financial reporting incorporated by reference in this prospectus and elsewhere in the registration statement have been so incorporated by reference in reliance upon the reports of Grant Thornton LLP, independent registered public accountants, upon the authority of said firm as experts in accounting and auditing, in giving said reports.

S-10

PROSPECTUS

Invesco Mortgage Capital Inc. Common Stock, Preferred Stock, Depositary Shares, Warrants, Shareholder Rights, Debt Securities and Units

By this prospectus, we may offer, from time to time:

shares of our common stock.

shares of our preferred stock,

depositary shares representing shares of our preferred stock,

warrants to purchase shares of our common stock, preferred stock or depositary shares,

rights issuable to our shareholders to purchase shares of our common stock or preferred stock, to purchase warrants exercisable for shares of our common stock or preferred stock, or to purchase units consisting of two or more of the foregoing,

debt securities, which may consist of debentures, notes, or other types of debt, and

units consisting of two or more of the foregoing.

We will provide specific terms of each issuance of these securities in supplements to this prospectus. We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis. In addition, selling securityholders may sell these securities, from time to time, on terms described in the applicable prospectus supplement. You should read this prospectus and any supplement carefully before you decide to invest. This prospectus may not be used to consummate sales of these securities unless it is accompanied by a prospectus supplement.

The New York Stock Exchange, or NYSE, lists our common stock under the symbol IVR.

To assist us in continuing to qualify as a real estate investment trust, or REIT, for federal income tax purposes, no person may own more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock, unless our board of directors waives this limitation.

Our principal office is located at Two Peachtree Pointe, 1555 Peachtree Street N.E., Atlanta, Georgia 30309. Our telephone number is (404) 892-0896.

Investing in our securities involves risk. You should carefully consider the information referred to under the heading Risk Factors beginning on page 5 before you invest.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is May 27, 2011.

TABLE OF CONTENTS

| ABOUT THIS PROSPECTUS | 1 |
|---|----|
| SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS | 2 |
| WHERE YOU CAN FIND MORE INFORMATION | 4 |
| INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE | 4 |
| INVESCO MORTGAGE CAPITAL INC. | 5 |
| RISK FACTORS | 5 |
| USE OF PROCEEDS | 5 |
| RATIO OF EARNINGS TO FIXED CHARGES | 5 |
| DESCRIPTION OF CAPITAL STOCK | 6 |
| DESCRIPTION OF DEPOSITARY SHARES | 8 |
| DESCRIPTION OF WARRANTS | 11 |
| DESCRIPTION OF SHAREHOLDER RIGHTS | 12 |
| DESCRIPTION OF DEBT SECURITIES | 13 |
| DESCRIPTION OF UNITS | 22 |
| RESTRICTIONS ON OWNERSHIP AND TRANSFER | 22 |
| CERTAIN PROVISIONS OF THE MARYLAND GENERAL CORPORATION LAW AND OUR CHARTER AND BYLAWS | 25 |
| U.S. FEDERAL INCOME TAX CONSIDERATIONS | 30 |
| SELLING SECURITYHOLDERS | 51 |
| PLAN OF DISTRIBUTION | 51 |
| LEGAL MATTERS | 55 |
| <u>EXPERTS</u> | 55 |
| | |

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC or Commission, using a shelf registration process. Under this shelf registration process, we may sell the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we offer to sell securities, we will provide a supplement to this prospectus that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. It is important for you to consider the information contained in this prospectus and any prospectus supplement together with additional information described under the heading Where You Can Find More Information.

You should rely only on the information incorporated by reference or set forth in this prospectus or the applicable prospectus supplement. We have not authorized anyone else to provide you with additional or different information. You should not assume that the information in this prospectus, the applicable prospectus supplement or any other offering material is accurate as of any date other than the dates on the front of those documents.

When used in this prospectus, the terms company, issuer, we, our, and us refer to Invesco Mortgage Capital I and its consolidated subsidiaries, unless otherwise specified. Invesco refers to Invesco Ltd., together with its consolidated subsidiaries (other than us), which is the indirect parent company of Invesco Advisers, Inc., our external manager.

1

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

We make forward-looking statements in this prospectus and other filings we make with the SEC within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and such statements are intended to be covered by the safe harbor provided by the same. Forward-looking statements are subject to substantial risks and uncertainties, many of which are difficult to predict and are generally beyond our control. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans and objectives. When we use the words believe, expect, anticipate, estimate, plan, continue, should, may or similar expressions, we intend to identify forward-looking statements. Statements regarding the following subjects, among others, may be forward-looking:

use of proceeds of this offering;

our business and investment strategy;

our investment portfolio;

our projected operating results;

the impact of any deficiencies in foreclosure practices of third parties and related delays in the foreclosure process;

actions and initiatives of the U.S. government and changes to U.S. government policies, including the recently enacted Dodd-Frank Wall Street Reform and Consumer Protection Act and our ability to respond to and comply with such actions, initiatives and changes;

our ability to obtain additional financing arrangements and the terms of such arrangements;

financing and advance rates for our target assets;

our expected leverage;

general volatility of the securities markets in which we invest;

our expected investments;

interest rate mismatches between our target assets and our borrowings used to fund such investments;

changes in interest rates and the market value of our target assets;

changes in prepayment rates on our target assets;

effects of hedging instruments on our target assets;

rates of default or decreased recovery rates on our target assets;

modifications to whole loans or loans underlying securities;

the degree to which our hedging strategies may or may not protect us from interest rate volatility;

changes in governmental regulations, tax law and rates, and similar matters and our ability to respond to such changes;

our ability to maintain our qualification as a REIT for U.S. federal income tax purposes;

our ability to maintain our exemption from registration under the Investment Company Act of 1940, as amended;

2

Table of Contents

availability of investment opportunities in mortgage-related, real estate-related and other securities;

availability of a U.S. government agency or a federally chartered corporation to guarantee payments of principal and interest on securities;

availability of qualified personnel;

estimates relating to our ability to continue to make distributions to our shareholders in the future;

changes to accounting principles generally accepted in the U.S.;

our understanding of our competition; and

market trends in our industry, interest rates, real estate values, the debt securities markets or the general economy.

The forward-looking statements are based on our beliefs, assumptions and expectations of our future performance, taking into account all information currently available to us. You should not place undue reliance on these forward-looking statements. These beliefs, assumptions and expectations can change as a result of many possible events or factors, not all of which are known to us. Some of these factors are described in this prospectus in the information referred to under the heading Risk Factors. If a change occurs, our business, financial condition, liquidity and results of operations may vary materially from those expressed in our forward-looking statements. Any forward-looking statement speaks only as of the date on which it is made. New risks and uncertainties arise over time, and it is not possible for us to predict those events or how they may affect us. Except as required by law, we are not obligated to, and do not intend to, update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

3

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. The public may read and copy any materials we file with the SEC at the SEC s Public Reference Room at 100 F Street, N.E, Washington, D.C. 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains an Internet site that contains reports, proxy statements, information statements and other information regarding issuers that file electronically with the SEC. The address of that site is http://www.sec.gov. Our common stock is listed on the NYSE under the symbol IVR, and all such reports, proxy statements and other information filed by us with the NYSE may be inspected at the NYSE s offices at 20 Broad Street, New York, New York 10005. Finally, we maintain an Internet site where you can find additional information. The address of our Internet site is http://www.invescomortgagecapital.com. All internet addresses provided in this prospectus or in any accompanying prospectus supplement are for informational purposes only and are not intended to be hyperlinks. In addition, the information on our Internet site, or any other Internet site described herein, is not a part of, and is not incorporated or deemed to be incorporated by reference in, this prospectus or any accompanying prospectus supplement or other offering materials.

We have filed a registration statement, of which this prospectus is a part, covering the securities offered hereby. As allowed by SEC rules, this prospectus does not contain all of the information set forth in the registration statement and the exhibits thereto. We refer you to the registration statement and the exhibits thereto for further information. This prospectus is qualified in its entirety by such other information.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC s rules allow us to incorporate by reference information into this prospectus, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus from the date of filing those documents. Any reports filed by us with the SEC on or after the date of this prospectus will automatically update and, where applicable, supersede any information contained in this prospectus or incorporated by reference in this prospectus. We have filed the documents listed below with the SEC under the Exchange Act, and these documents are incorporated herein by reference (other than information in such documents that is furnished and not deemed to be filed):

Our Annual Report on Form 10-K for the year ended December 31, 2010, filed on March 14, 2011;

Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2011, filed on May 10, 2011;

Our Current Reports on Form 8-K filed on March 17, 2011, March 25, 2011 and May 11, 2011;

Our Proxy Statement on Schedule 14A filed with the SEC on March 30, 2011; and

The description of our common stock included in our Registration Statement on Form 8-A dated June 18, 2009. All documents we file pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act on or after the date of this prospectus and prior to the termination of the offering of the securities to which this prospectus relates (other than information in such documents that is furnished and not deemed to be filed) shall be deemed to be incorporated by reference into this prospectus and to be part hereof from the date of filing of those documents. All documents we file pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of the initial registration statement that contains this prospectus and prior to the effectiveness of the registration statement shall be deemed to be incorporated by reference into this prospectus and to be part hereof from the date of filing those documents.

We will provide to each person, including any beneficial owner, to whom a copy of this prospectus is delivered, a copy of any or all of the information that has been incorporated by reference in this prospectus but not delivered with this prospectus (other than the exhibits to such documents which are not specifically incorporated by reference therein); we will provide this information at no cost to the requester upon written or oral request to Office of the Secretary, Invesco Mortgage Capital Inc., Two Peachtree Pointe, 1555 Peachtree Street N.E., Atlanta, Georgia 30309; Tel.: (404) 892-0896; E-mail: company.secretary@invescomortgagecapital.com.

INVESCO MORTGAGE CAPITAL INC.

Invesco Mortgage Capital Inc. is a Maryland corporation primarily focused on investing in, financing and managing residential and commercial mortgage-backed securities and mortgage loans. We invest in residential mortgage-backed securities for which a U.S. government agency or a federally chartered corporation guarantees payments of principal and interest on the securities. In addition, we invest in residential mortgage-backed securities that are not issued or guaranteed by a U.S. government agency, commercial mortgage-backed securities and mortgage loans. We generally finance our agency and non-agency residential mortgage-backed securities and commercial mortgage-backed securities through repurchase agreement financing. We have also financed our investments in certain non-agency residential mortgage-backed securities, commercial mortgage-backed securities and residential and commercial mortgage loans by contributing capital to a legacy securities public-private investment fund established and managed by our manager or one of its affiliates, which, in turn, invests in our target assets, that received financing under the U.S. government s Public-Private Investment Program. We are externally managed and advised by Invesco Advisers, Inc., a Delaware corporation and an indirect, wholly-owned subsidiary of Invesco Ltd., an independent global investment company listed on the New York Stock Exchange (NYSE: IVZ).

We have elected to be taxed as a real estate investment trust for U.S. federal income tax purposes commencing with our taxable year ended December 31, 2009 and we intend to continue to be taxed as a REIT. To assist us in maintaining our qualification as a real estate investment trust, shareholders are generally restricted from owning more than 9.8% by value or number of shares, whichever is more restrictive, of our outstanding shares of common stock. In addition, our charter contains various other restrictions on the ownership and transfer of our common stock. See Restrictions on Ownership and Transfer.

RISK FACTORS

Investing in our securities involves risks. You should carefully consider the risks described under Risk Factors in our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q (which descriptions are incorporated by reference herein), as well as the other information contained or incorporated by reference in this prospectus or in any prospectus supplement hereto before making a decision to invest in our securities. See Where You Can Find More Information, above.

USE OF PROCEEDS

Unless otherwise indicated in an accompanying prospectus supplement, we intend to use the net proceeds from the sale of the securities offered by this prospectus and the related accompanying prospectus supplement for the purchase of mortgage-backed securities, mortgage loans and for general corporate purposes. Unless otherwise indicated in an accompanying prospectus supplement, we will not receive any proceeds from the sale of securities by selling securityholders.

RATIO OF EARNINGS TO FIXED CHARGES

Our ratio of earnings to fixed charges for each of the periods indicated is as follows:

| | Three Months Ended March 31, 2011 | Year Ended December 31, | | | | | |
|------------------------------------|---|-------------------------|------|------|------|------|--|
| Detie of consistent to | | 2010 | 2009 | 2008 | 2007 | 2006 | |
| Ratio of earnings to fixed charges | 4.4x | 4.3x 5 | 4.3x | N/A | N/A | N/A | |

DESCRIPTION OF CAPITAL STOCK

The following is a summary of the rights and preferences of our capital stock. While we believe that the following description covers the material terms of our capital stock, the description may not contain all of the information that is important to you. We encourage you to read carefully this entire prospectus, our charter and bylaws and the other documents we refer to for a more complete understanding of our capital stock. Copies of our charter and bylaws are listed as exhibits to the registration statement of which this prospectus is a part. See Where You Can Find More Information.

General

Our charter provides that we may issue up to 450,000,000 shares of common stock, \$0.01 par value per share, and 50,000,000 shares of preferred stock, \$0.01 par value per share. Our charter authorizes our board of directors to amend our charter to increase or decrease the aggregate number of authorized shares of stock or the number of shares of stock of any class or series without shareholder approval. Under Maryland law, shareholders are not generally liable for our debts or obligations.

Shares of Common Stock

All shares of common stock offered by this prospectus will be duly authorized, validly issued, fully paid and nonassessable. Subject to the preferential rights of any other class or series of shares of stock and to the provisions of our charter regarding the restrictions on ownership and transfer of shares of stock, holders of shares of common stock are entitled to receive dividends on such shares of common stock out of assets legally available therefor if, as and when authorized by our board of directors and declared by us, and the holders of our shares of common stock are entitled to share ratably in our assets legally available for distribution to our shareholders in the event of our liquidation, dissolution or winding up after payment of or adequate provision for all our known debts and liabilities.

The shares of common stock that we are offering will be issued by us and do not represent any interest in or obligation of Invesco or any of its affiliates. Further, the shares are not a deposit or other obligation of any bank, are not an insurance policy of any insurance company and are not insured or guaranteed by the Federal Deposit Insurance Corporation, or FDIC, any other governmental agency or any insurance company. The shares of common stock will not benefit from any insurance guarantee association coverage or any similar protection.

Subject to the provisions of our charter regarding the restrictions on ownership and transfer of shares of stock and except as may otherwise be specified in the terms of any class or series of shares of common stock, each outstanding share of common stock entitles the holder to one vote on all matters submitted to a vote of shareholders, including the election of directors, and, except as provided with respect to any other class or series of shares of stock, the holders of such shares of common stock will possess the exclusive voti