# United States <br> Securities and Exchange Commission Washington, D.C. 20549 

Form 10-Q
$|X|$ Quarterly Report pursuant to Section 13 or $15(\mathrm{~d})$ of the Securities Exchange Act of 1934. For the quarterly period ended March 31, 2002.

OR
I_| Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. For the transition period from $\qquad$ to $\qquad$ -.

Impac Mortgage Holdings, Inc.
(Exact name of registrant as specified in its charter)

Maryland
(State or other jurisdiction of incorporation or organization)

1401 Dove Street
Newport Beach, CA
(Address of Principal Executive Offices)

33-0675505
(I.R.S. Employer Identification No.)

92660 (Zip Code)

Registrant's telephone number, including area code: (949) 475-3600 Securities registered pursuant to Section 12(b) of the Act:

Title of each class
Common Stock \$0.01 par value Preferred Share Purchase Rights

Name of each exchange on Which registered

American Stock Exchange American Stock Exchange

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or $15(\mathrm{~d})$ of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes $|X|$ No $\left.\right|_{-} \mid$

On May 13, 2002, the aggregate market value of the voting stock held by non-affiliates of the registrant was approximately $\$ 418.1$ million, based on the closing sales price of the common stock on the American Stock Exchange. For purposes of the calculation only, in addition to affiliated companies, all directors and executive officers of the registrant have been deemed affiliates. The number of shares of common stock outstanding as of May 13, 2002 was 39,422, 163 .

No documents are incorporated by reference to this Quarterly Report

## IMPAC MORTGAGE HOLDINGS, INC.

## FORM 10-Q QUARTERLY REPORT

TABLE OF CONTENTS

## PART I. FINANCIAL INFORMATION

Item 1. CONSOLIDATED FINANCIAL STATEMENTS - IMPAC MORTGAGE HOLDINGS, INC. AND SUBSIDIARIES
Consolidated Balance Sheets as of March 31, 2002 and December 31, 2001 ..... 3
Consolidated Statements of Operations and Comprehensive Earnings, For the Three Months Ended March 31, 2002 and 2001 ..... 4
Consolidated Statements of Cash Flows, For the Three Months Ended March 31, 2002 and 2001. ..... 6
Notes to Consolidated Financial Statements ..... 7
Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS ..... 16
Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK ..... 29
PART II OTHER INFORMATION
Item 1. LEGAL PROCEEDINGS ..... 30
Item 2. CHANGES IN SECURITIES AND USE OF PROCEEDS ..... 30
Item 3. DEFAULTS UPON SENIOR SECURITIES. ..... 30
Item 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS ..... 30
Item 5. OTHER INFORMATION ..... 30

## CONSOLIDATED BALANCE SHEETS

(dollars in thousands, except per share data)

ASSETS


## LIABILITIES

CMO borrowings
Reverse repurchase agreements
\$ 2, 470, 726
576, 094
11, 260
15, 766
Accumulated dividends payable
15,766
5,242
Total liabilities
,079,088

## STOCKHOLDERS' EQUITY

Preferred stock; \$0.01 par value; 6,300,000 shares authorized; none issued or
outstanding at March 31, 2002 and December 31, 2001, respectively
Series A junior participating preferred stock, \$0.01 par value; 2,500,000 shares
authorized; none issued and outstanding at March 31, 2002 and December 31, 2001
Series C $10.5 \%$ cumulative convertible preferred stock, $\$ 0.01$ par value; 1,200,000
shares authorized; none outstanding at March 31, 2002 and December 31, 2001
Common stock; \$0.01 par value; 50,000,000 shares authorized; 39,422,163 and
32,001,997 shares issued and outstanding at March 31, 2002 and December 31, 2001, respectively

394
Additional paid-in capital
Accumulated other comprehensive loss
416, 224
Notes receivable from common stock sales
Net accumulated deficit:
Cumulative dividends declared
Retained earnings (accumulated deficit)
Net accumulated deficit
$(142,718)$


Total stockholders' equity
Total liabilities and stockholders' equity
\$ 3,349, 228
,

320
359, 279
$(19,857)$
(920)
$(126,952)$
$(8,505)$
$(135,457)$
203,365
\$ 2, 854,734

See accompanying notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF OPERATIONS
and COMPREHENSIVE EARNINGS
(in thousands, except per share data)

|  | $\begin{aligned} & \text { For th } \\ & \text { End } \end{aligned}$ | onths <br> 31, |
| :---: | :---: | :---: |
|  | 2002 | 2001 |
| INTEREST INCOME: |  |  |
| Mortgage Assets | \$ 42,426 | \$ 38,793 |
| Other interest income | 642 | 606 |
| Total interest income | 43, 068 | 39,399 |
| INTEREST EXPENSE: |  |  |
| CMO borrowings | 22,406 | 20,592 |
| Reverse repurchase agreements | 4,290 | 8,859 |
| Borrowings secured by investment securities available-for-sale | 549 | 678 |
| Senior subordinated debentures | -- | 311 |
| Other borrowings | 176 | 66 |
| Total interest expense | 27,421 | 30,506 |
| Net interest income | 15,647 | 8,893 |
| Provision for loan losses | 3,707 | 4,038 |
| Net interest income after provision for loan losses | 11,940 | 4,855 |
| NON-INTEREST INCOME: |  |  |
| Equity in net earnings of Impac Funding Corporation | 4,609 | 1,290 |
| Loan servicing fees | 66 | 292 |
| Other income | 977 | 543 |
| Total non-interest income | 5,652 | 2,125 |
| NON-INTEREST EXPENSE: |  |  |
| Write-down on investment securities available-for-sale | 1,039 | -- |
| Professional services | 860 | 619 |
| Personnel expense | 401 | 305 |
| General, administrative and other expense | 79 | 376 |
| Mark-to-market loss - SFAS $133 . . .$. | -- | 864 |
| Gain on disposition of other real estate owned | (436) | (639) |
| Total non-interest expense | 1,943 | 1,525 |
| Earnings before cumulative effect of change in accounting principle | 15,649 | 5,455 |
| Cumulative effect of change in accounting principle | -- | $(4,313)$ |
| Net earnings | 15,649 | 1,142 |
| Less: Cash dividends on 10.5\% cumulative convertible preferred stock | -- | (788) |
| Net earnings available to common stockholders | 15,649 | 354 |
| Other comprehensive earnings: |  |  |
| Unrealized holding gains (losses) on securities arising during period | $(1,230)$ | 401 |
| Unrealized holding gains on hedging instruments arising during period | 10,407 | -- |
| Reclassification of losses included in earnings | (224) | (72) |
| Net unrealized gains arising during period | 8,953 | 329 |
| Comprehensive earnings | \$ 24,602 | \$ 1,471 |

See accompanying notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF OPERATIONS
and COMPREHENSIVE EARNINGS
(in thousands, except per share data)

|  | For the Three Months Ended March 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2002 |  | 2001 |  |
| Earnings per share before cumulative effect of change in accounting principle: |  |  |  |  |
| Basic | \$ | 0.44 | \$ | 0.23 |
| Diluted | \$ | 0.43 | \$ | 0.20 |
| Net earnings per share: |  |  |  |  |
| Basic | \$ | 0.44 | \$ | 0.02 |
| Diluted | \$ | 0.43 | \$ | 0.04 |

See accompanying notes to consolidated financial statements.

## CONSOLIDATED STATEMENTS OF CASH FLOWS <br> （in thousands）

Cash flows from operating activities：

Cumulative effect of change in accounting principle
Equity in net earnings of Impac Funding Corporation
Provision for loan losses
Amortization of loan premiums and securitization costs
Gain on disposition of other real estate owned
Write－down of investment securities available－for－sale
Net change in accrued interest receivable
Net change in other assets and liabilities
Net cash provided by operating activities

Cash flows from investing activities：
Net change in CMO collateral ．．．．
Net change in finance receivables
Net change in mortgage loans held－for－investment
Proceeds from sale of other real estate owned，net
Dividend from Impac Funding Corporation
Net principal reductions on investment securities available－for－sale
Net cash provided by operating activities

Cash flows from financing activities：
Net change in reverse repurchase agreements and other borrowings
Proceeds from CMO borrowings
Repayments of CMO borrowings
Dividends paid
Proceeds from sale of common stock
Proceeds from exercise of stock options
Advances and reductions on notes receivable－common stock
Net cash provided by financing activities

Net change in cash and cash equivalents
Cash and cash equivalents at beginning of period
Cash and cash equivalents at end of period

Supplementary information：
Interest paid
Non－cash transactions：
Dividends declared and unpaid
Accumulated other comprehensive gain（loss）
Loans transferred to other real estate owned

495
495,000
$(175,674)$
$(14,081)$
For the Three Months Ended March 31，

2002
2001
\＄15，649
$(4,609)$
3，707
7，306 436
1， 039
$(1,634)$
$(1,299)$
20，595
$(330,518)$
$(172,840)$
10，126
2，200
1，980
1，347
$(487,705)$

56，968
51
920
468， 050

| 940 |
| ---: |
| 51,887 |
| --------9 |
| $\$ \quad 52,827$ |

\＄27，534
\＄15，766
8，953
1，488

117， 922
\＄5，455
$(4,313)$
$(1,290)$
4， 038
2，425
639
627
1， 040
8， 621
$(50,654)$
$(187,163)$
1，104
1，945
$(115,849)$

214，634
$(114,061)$
（788）
－－
（18）
99，767
$(7,461)$
17，944
\＄10，483
－＝ーーー＝ー
\＄29，420
\＄
788
329
3，358

See accompanying notes to consolidated financial statements．

Notes to Consolidated Financial Statements
(unaudited)

## 1. Basis of Financial Statement Presentation

The accompanying consolidated financial statements of Impac Mortgage Holdings, Inc. (IMH) and subsidiaries have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments, consisting of normal recurring adjustments, considered necessary for a fair presentation have been included. Operating results for the three-month period ended March 31, 2002 are not necessarily indicative of the results that may be expected for the year ending December 31, 2002. The accompanying consolidated financial statements should be read in conjunction with the consolidated financial statements and related notes included in the Company's Annual Report on Form 10-K for the year ended December 31, 2001.

IMH's results of operations have been presented in the consolidated financial statements for the three-months ended March 31, 2002 and 2001 and include the financial results of IMH's equity interest in net earnings of Impac Funding Corporation (IFC). The results of operations of IFC, of which $100 \%$ of IFC's preferred stock and $99 \%$ of its economic interest is owned by IMH, are included in the results of operations as "Equity in net earnings of Impac Funding Corporation." Additionally, IMH's results of operations include the financial results of IMH Assets Corp. (IMH Assets) and Impac Warehouse Lending Group (IWLG) as stand-alone entities.

## 2. Organization

IMH is a mortgage real estate investment trust (REIT). Together with its subsidiaries and affiliate, IFC, the Company is a nationwide acquirer and originator of non-conforming Alt-A mortgage loans (Alt-A). Alt-A mortgage loans consist primarily of mortgage loans that are first lien mortgage loans made to borrowers whose credit is generally within typical Federal National Mortgage Association (Fannie Mae) and the Federal Home Loan Mortgage Corporation (Freddie Mac) guidelines, but that have loan characteristics that make them non-conforming under those guidelines. For instance, the loans may have higher loan-to-value (LTV) ratios than allowable or may have excluded certain documentation or verifications. Therefore, in making credit decisions, the Company is more reliant upon the borrower's credit score and the adequacy of the underlying collateral. Management believes that Alt-A mortgage loans provide an attractive net earnings profile by producing higher yields without
commensurately higher credit losses than other types of mortgage loans. Since 1999, the Company has acquired and originated primarily Alt-A mortgage loans. The Company also provides warehouse and repurchase financing to originators of mortgage loans. The Company's goal is to generate consistent and reliable income for distribution to its stockholders primarily from the earnings of its core businesses.

The Company primarily operates three core businesses: the long-term investment operations, the mortgage operations, and the warehouse lending operations. IMH is organized as a REIT for federal income tax purposes, which generally allows it to pass through qualified income to stockholders without federal income tax at the corporate level, provided that it distributes $90 \%$ of its taxable income to common stockholders.

The Company's long-term investment operations, conducted by IMH and IMH Assets, invest primarily in Alt-A mortgages loans. This business primarily generates net interest income on its mortgage loan and investment securities portfolios. The Company's investment in Alt-A mortgage loans is financed with collateralized mortgage obligations (CMO) financing, warehouse facilities and proceeds from the sale of capital stock. The mortgage operations acquire, originate, sell and securitize primarily Alt-A mortgage loans. The mortgage operations generate income by securitizing and selling loans to permanent investors, including the long-term investment operations. This business also earns revenues from fees associated with mortgage servicing rights, master servicing agreements and interest income earned on loans held for sale. The mortgage operations primarily use warehouse lines of credit to finance the acquisition and origination of mortgage loans. The warehouse lending operations provide short-term financing to mortgage loan originators by funding mortgage loans from their closing date until they are sold to pre-approved investors, including the long-term investment operations. The warehouse lending operations earn fees, as well as a
spread, from the difference between its cost of borrowings and the interest earned on advances. Generally, the Company seeks to acquire Alt-A mortgage loans funded with facilities provided by the warehouse lending operations, which provides synergies with the long-term investment operations and mortgage operations.

## 3. Summary of Significant Accounting Policies

## Method of Accounting

The consolidated financial statements are prepared on the accrual basis of accounting in accordance with GAAP. The preparation of financial statements in conformity with GAAP requires management to make significant estimates and assumptions that affect the reported amounts of assets, liabilities and contingent liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results may differ materially from those estimates. Significant estimates made by management include "Accounting for Derivative Instruments and Hedging Activities" and "Allowance for loan losses," which are presented in detail in footnotes 4 and 7, respectively.

## Reclassifications

Certain amounts in the consolidated financial statements for prior periods have been reclassified to conform to the current presentation.

## Recent Accounting Pronouncements

The Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 142, "Goodwill and Other Intangible Assets," (SFAS 142). SFAS 142 applies to all acquired intangible assets whether acquired singularly, as part of a group, or in a business combination. SFAS 142 supersedes Accounting Principles Bulletin (APB) Opinion No. 17, "Intangible Assets," and carries forward provisions in APB Opinion No. 17 related to internally developed intangible assets. SFAS 142 changes the accounting for goodwill from an amortization method to an impairment-only approach. Goodwill should no longer be amortized, but instead tested for impairment at least annually at the reporting unit level. The accounting provisions are effective for fiscal years beginning after December 31, 2001. As of March 31, 2002, the Company's intangible assets and goodwill are not significant. It is anticipated that the financial impact of this statement will not have a material impact on the Company's financial condition and results of operations.

## 4. Accounting for Derivatives Instruments and Hedging Activities

In June 1998, the FASB issued SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," as amended by SFAS No. 137 and SFAS No. 138, collectively, (SFAS 133). SFAS 133 establishes accounting and reporting standards for derivative instruments, including a number of derivative instruments embedded in other contracts, collectively referred to as derivatives, and for hedging activities. It requires that an entity recognize all derivatives as either assets or liabilities in the statement of financial position and measure those instruments at fair value. If specific conditions are met, a derivative may be specifically designated as (1) a hedge of the exposure to changes in the fair value of a recognized asset or liability or an unrecognized firm commitment; (2) a hedge of the exposure to variable cash flows of a forecasted transaction; or (3) a hedge of the foreign currency exposure of a net investment in a foreign operation, an unrecognized firm commitment, an available for sale security or a foreign-currency-denominated forecasted transaction.

On January 1, 2001, the Company adopted SFAS 133 and the fair market value of derivative instruments are reflected on the Company's financial statements. On August 10, 2001, the Derivatives Implementation Group (DIG) of the FASB published DIG G20, which further interpreted SFAS 133. On October 1, 2001, the Company adopted the provisions of DIG G20 and net income and accumulated other comprehensive income were adjusted by the amount needed to reflect the cumulative impact of adopting the provisions of DIG G20.

The Company follows a hedging program intended to limit its exposure to changes in interest rates primarily associated with its CMO borrowings. The Company's primary objective is to hedge its exposure to the variability in future cash flows attributable to the variability of one-month London Interbank Offered Rate (LIBOR), which is the underlying index of its CMO borrowings. The Company also monitors on an ongoing basis the prepayment risks that arise in fluctuating interest rate environments. The Company's hedging program is formulated with the intent to offset
the potential adverse effects of changing interest rates on CMO borrowings resulting from the following: interest rate adjustment limitations on mortgage loans due to periodic and lifetime interest rate cap features and mismatched interest rate adjustment periods of mortgage loans and CMO borrowings.

The Company primarily acquires for long-term investment six-month LIBOR adjustable rate mortgages (ARMs) and hybrid ARMs. Six-month LIBOR ARMs are generally subject to periodic and lifetime interest rate caps. This means that the interest rate of each ARM is limited to upwards or downwards movements on its periodic interest rate adjustment date, generally six months, or over the life of the mortgage loan. Periodic caps limit the maximum interest rate change, which can occur on any interest rate change date to generally a maximum of $1 \%$ per semiannual adjustment. Also, each ARM has a maximum lifetime interest rate cap. Generally, borrowings are not subject to the same periodic or lifetime interest rate limitations. During a period of rapidly increasing or decreasing interest rates, financing costs would increase or decrease at a faster rate than the periodic interest rate adjustments on mortgage loans would allow, which could effect net interest income. In addition, if market rates were to exceed the maximum interest rates of our ARMs, borrowing costs would increase while interest rates on ARMs would remain constant.

The Company's mortgage loan portfolio is also subject to risk from the mismatched nature of interest rate adjustment periods on mortgage loans and interest rates on the related borrowings. Six-month LIBOR mortgage loans can adjust upwards or downwards every six months, subject to periodic cap limitations, while adjustable rate CMO borrowings adjust every month. Additionally, the Company has hybrid ARMs which have an initial fixed interest rate period generally ranging from two to three years, and to a lesser extent five years, which subsequently convert to six-month LIBOR ARMs. Again, during a rapidly increasing or decreasing interest rate environment, financing costs would increase or decrease more rapidly than would interest rates on mortgage loans, which would remain fixed until their next interest rate adjustment date.

To mitigate exposure from the effect of changing interest rates on CMO borrowings, the Company purchases and sells derivative instruments in the form of interest rate cap agreements, or caps, interest rate floor agreements, or floors, and interest rate swap agreements, or swaps. The Company also simultaneously purchases or sells caps and floors, which are referred to as collars. These derivative instruments are referred to collectively as derivatives. An interest rate cap or floor is a contractual agreement. If prevailing interest rates reach levels specified in the cap or floor agreement, the Company may either receive or pay cash. An interest rate swap is generally a contractual agreement that obligates one party to receive or make cash payments based on an adjustable rate index and the other party to receive or make cash payments based on a fixed rate. Swap agreements have the effect of fixing borrowing costs on a similar amount of swaps and, as a result, the Company can reduce the interest rate variability of borrowings. The Company's objective is to lock in a reliable stream of cash flows when interest rates fall below or rise above certain levels. For instance, when interest rates rise, borrowing costs increase at greater speeds than the underlying collateral supporting the borrowings. These derivative instruments hedge the variability of forecasted cash flows attributable to CMO borrowings and protect net interest income by providing cash flows at certain triggers during changing interest rate environments. In all hedging transactions, counterparties must have a AAA credit rating as determined by various credit rating agencies.

Caps qualify as derivative instruments under provisions of SFAS 133. The hedging instrument is the specific LIBOR cap that is hedging the LIBOR based CMO borrowings. The nature of the risk being hedged is the variability of the cash flows associated with the LIBOR borrowings. Prior to the adoption of DIG G20, the Company assessed the hedging effectiveness of its caps utilizing only the intrinsic value of the caps. DIG G20 allows the Company to utilize the terminal value of the caps to assess effectiveness. DIG G20 also allows the Company to amortize the initial fair value of the caps over the life of the caps based on the maturity date of the individual caplets. Upon adoption of DIG G20, net income and accumulated other comprehensive income were adjusted by the amount needed to reflect the cumulative impact of adopting the provisions of DIG G20. Subsequent to the adoption of DIG G20, caps are considered effective hedges and are marked to market each reporting period with the entire change in market value being recognized in other comprehensive income on the balance sheet.

Floors, swaps and collars qualify as cash flow hedges under the provisions of SFAS 133. The hedging instrument is the specific LIBOR floor, swap or collar that is hedging the LIBOR based CMO borrowings. The nature of the risk being hedged is the variability of the cash flows associated with the LIBOR borrowings. Prior to DIG G20, these derivatives were marked to market with the entire change in the market value of the intrinsic component recognized in other comprehensive income on the balance sheet each reporting period. The time value component of these agreements were marked to market and recognized in non-interest expense on the statement of operations.

Subsequent to the adoption of DIG G20, these derivatives are marked to market with the entire change in the market value recognized in other comprehensive income on the balance sheet.

Effectiveness of derivatives is measured by the fact that both the hedged item, CMO borrowings, and the hedging instrument is based on one-month LIBOR. As both instruments are tied to the same index, the hedge is expected to be highly effective both at inception and on an ongoing basis. The Company assesses the effectiveness and ineffectiveness of the hedging instruments at the inception of the hedge and at each reporting period. Based on the fact that, at inception, the critical terms of the hedges and forecasted CMO borrowings are the same, the Company has concluded that the changes in cash flows attributable to the risk being hedged are expected to be completely offset by the hedging derivatives, subject to subsequent assessments that the critical terms have not changed.

At March 31, 2002, caps allocated to CMO borrowings had a remaining notional balance of $\$ 1.5$ billion. Pursuant to the terms of the caps, the Company will receive cash payments if one-month LIBOR reaches certain strike prices, ranging from $1.76 \%$ to $10.25 \%$, with a weighted average strike price of $4.49 \%$ over the life of the caps. At March 31, 2002, collars allocated to CMO borrowings had a remaining notional balance of $\$ 913.3$ million. Pursuant to the terms of the collars, the Company will receive cash payments if one-month LIBOR reaches strike prices ranging from $2.07 \%$ to $6.53 \%$ with a weighted average strike price of $4.18 \%$ over the life of the collars. The Company will make cash payments if one-month LIBOR reaches strike prices ranging from $1.32 \%$ to $5.88 \%$ with a weighted average strike price of $3.50 \%$. At March 31, 2002, swaps allocated to CMO borrowings had a remaining notional balance of $\$ 68.7$ million. Pursuant to the terms of the swaps, the Company will receive cash payments based on one-month LIBOR and make cash payments at fixed rates ranging from $4.83 \%$ to $5.18 \%$, with a weighted average fixed rate of $4.94 \%$ over the life of the swaps. The notional amounts of allocated caps, collars and swaps are amortized according to projected prepayment rates on CMO borrowings. However, regarding the floor component of the collar, the notional amount equals the actual principal balance of the CMO borrowings. As of March 31, 2002, the fair market value of the allocated caps, collars and swaps was $\$ 901,000$. These derivatives are marked to market each reporting period with the entire change in market value being recognized in other comprehensive income on the balance sheet.

During 2001, the Company purchased a collar at strike prices tied to the one-month LIBOR forward yield curve to protect cash flows on CMO borrowings, which are secured by hybrid ARMs with remaining fixed terms and that did not have derivative instruments allocated to the original CMO structures. As of March 31, 2002, the collar had a notional amount of $\$ 718.6$ million with a one-month LIBOR cap strike price ranging from $4.29 \%$ to $5.42 \%$ and a weighted average strike price of $4.90 \%$ over the life of the cap. The collar has a one-month LIBOR floor strike price ranging from $4.21 \%$ to $4.98 \%$ and a weighted average strike price of $4.51 \%$ over the life of the floor. The collar matures on March 25, 2004. The notional amount of the collar is amortized according to projected prepayment rates reflected in CMO borrowings. As of March 31, 2002, the fair market value of the collar was $\$ 10.0$ million. The collar is marked to market each reporting period with the entire change in market value being recognized in accumulated other comprehensive income on the balance sheet.

The following table presents certain information related to derivative instruments and hedging activities as of March 31, 2002 (dollars in thousands):

|  | Original Notional Face Amount | ```Fair Value of Derivatives``` | Index | Related Amount in Other Comprehensive Income | Unamortized Derivative Instruments | Related <br> Amount in Derivative Asset Account | Related Amount in CMO Collateral |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Caps and collars not |  |  |  |  |  |  |  |
| associated with CMOs | \$1, 063,516 | \$ $(6,185)$ | $\begin{aligned} & 1 \mathrm{mo} . \\ & \text { LIBOR } \end{aligned}$ | \$ $(8,626)$ | \$ 2,441 | \$ $(6,185)$ | \$ - |
| Cash in margin account ..... | 16,176 | 16,176 | N/A | - - | - - | 16,176 | - - |
| Caps, collars and .. swaps associated with CMOs | 2,933,832 | 901 | $\begin{aligned} & 1 \mathrm{mo} . \\ & \text { LIBOR } \end{aligned}$ | $(7,132)$ | 33 |  | 90 |
|  |  | ------- |  |  |  | ------- |  |
| Totals | \$4, 013,524 | \$ 10,892 |  | \$ $(15,758)$ | \$10,474 | \$ 9,991 | \$901 |

The following table presents certain information related to derivative instruments and hedging activities as of December 31, 2001 (dollars in thousands):

|  | Original Notional Face Amount | ```Fair Value of Derivatives``` | Index | Related Amount in Other Comprehensive Income | Unamortized Derivative Instruments | Related <br> Amount in Derivative Asset Account | Related <br> Amount in CMO Collateral |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Caps and collars not |  |  |  |  |  |  |  |
| associated with <br> CMOs ............... | \$1,860,790 | \$(13, 659 ) | $\begin{aligned} & 1 \mathrm{mo} . \\ & \text { LIBOR } \end{aligned}$ | \$(15, 240) | \$1,581 | \$(13, 659$)$ | \$ |
| Cash in margin account .......... | 18,787 | 18,787 | N/A | - - | -- | 18,787 |  |
| Caps, collars and swaps associated with CMOs $\qquad$ | 070,500 | $(4,372)$ | $\begin{aligned} & 1 \mathrm{mo} . \\ & \text { LIBOR } \end{aligned}$ | $(12,722)$ | 8,350 | - - | $(4,372)$ |
| $99 \%$ of OCI activity at IFC ........... | 36,000 | (158) | FNMA | (90) | - - | -- |  |
| Totals | \$2,986, 077 | \$ 598 |  | \$ 28,052 ) | \$9,931 | \$ 5,128 | \$ 4,372$)$ |

5. Reconciliation of Net Earnings per Share

The following table presents the computation of basic and diluted net earnings per share for the periods shown, as if all stock options and $10.5 \%$ cumulative convertible preferred stock (Preferred Stock), if dilutive, were outstanding for these periods (in thousands, except per share ):

|  | For the Three Months Ended March 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2002 |  | 2001 |
| Numerator for earnings per share: |  |  |  |
| Earnings before cumulative effect of change in accounting principle | \$15,649 | \$ | 5,455 |
| Cumulative effect of change in accounting principle | -- |  | $(4,313)$ |
| Net earnings after cumulative effect of change in accounting principle | 15,649 |  | 1,142 |
| Less: Dividends paid to preferred stockholders | -- |  | (788) |
| Net earnings available to common stockholders | \$15,649 | \$ | 354 |
| Denominator for earnings per share: |  |  |  |
| Basic weighted average number of common shares outstanding during the period | 35,926 |  | 20,385 |
| Impact of assumed conversion of Preferred Stock | -- |  | 6,356 |
| Net effect of dilutive stock options | 473 |  | 10 |
| Diluted weighted average common and common equivalent shares | 36,399 |  | 26,751 |
| Earnings per share before cumulative effect of change in accounting principle: |  |  |  |
| Basic | \$ 0.44 |  | 0.23 |
| Diluted | \$ 0.43 |  | 0.20 |
| Net earnings per share: |  |  |  |
| Basic | \$ 0.44 |  | 0.02 |
| Diluted | \$ 0.43 |  | 0.04 |

The Company had 1,500 and 187,036 stock options during the three months ended March 31, 2002 and March 31, 2001, respectively, that were not considered in the dilutive calculation of earnings per share as the exercise price was higher than the market price for the period. In August 2001, 1, 200, 000 shares of Preferred Stock were converted into 6,355,932 shares of common stock.
6. Mortgage Assets

Mortgage Assets consist of investment securities available-for-sale, mortgage loans held-for-investment, CMO collateral and finance receivables. At March 31, 2002 and December 31, 2001, Mortgage Assets consisted of the following (in thousands):
nvestment securities available-for-sale

## Subordinated securities collateralized by mortgages

Net unrealized gain (1)
Carrying value of investment securities available-for-sale $\qquad$

, 281
28,640

2,511, 292
39, 677
11, 751
901
$2,563,621$
375, 546
263,943
639,489

8,936
(54)

8, 882

3, 211, 992
$(14,764)$
3,197, 228
\$ 3, 225, 868
==========
, 621 6, 328 32,989
===========
(1) Unrealized gains on investment securities available-for-sale is a component of accumulated other comprehensive loss in stockholders equity.
(2) Outstanding advances on warehouse lines that the warehouse lending operations makes to affiliates and external customers.

## 7. Allowance for Loan Losses

The Company makes a monthly provision for estimated loan losses on its long-term investment portfolio as an increase to allowance for loan losses. The provision for estimated loan losses is primarily based on a migration analysis based on historical loss statistics, including cumulative loss percentages and loss severity, of similar loans in the Company's long-term investment portfolio. The loss percentage is used to determine the estimated inherent losses in the investment portfolio. Provision for loan losses is also based on management's judgment of net loss potential, including specific allowances for known impaired loans, changes in the nature and volume of the portfolio, the value of the collateral and current economic conditions that may affect the borrowers' ability to pay.

The adequacy of the allowance for loan losses is evaluated on a monthly basis by management to maintain the allowance at levels sufficient to provide for inherent losses. The migration system analyzes historical migration of mortgage loans from original current status to 30-, 60- and 90-day delinquency, foreclosure, other real estate owned and paid. The principal balance of all loans currently in the long-term investment portfolio are included in the migration analysis until the principal balance of loans either become real estate owned or are paid in full. The statistics generated by the migration analysis are used to establish the general valuation for loan losses.

Activity for allowance for loan losses was as follows (in thousands):


Balance, beginning of period
Provision for loan losses
Charge-offs, net of recoveries
Balance, end of period
-
=======

## 8. Segment Reporting

The Company internally reviews and analyzes its operating segments as follows:
o the long-term investment operations, conducted by IMH and IMH Assets, invests primarily in non-conforming Alt-A residential mortgage loans and mortgage-backed securities secured by or representing interests in such loans and in second mortgage loans;
o the warehouse lending operations, conducted by IWLG, provides warehouse and repurchase financing to affiliated companies and to approved mortgage banks, most of which are correspondents of IFC, to finance mortgage loans; and
o the mortgage operations, conducted by IFC, Impac Lending Group (ILG), a division of IFC, and Novelle Financial Services (NFS), a subsidiary of IFC, purchases and originates primarily non-conforming Alt-A mortgage loans and second mortgage loans from its network of third party correspondent sellers, mortgage brokers and retail customers.

The following table shows the Company's reporting segments as of and for the three months ended March 31, 2002 (in thousands):

|  | Long-Term Investment Operations | Warehouse Lending Operations | $\begin{gathered} \text { (a) } \\ \text { Eliminations } \end{gathered}$ | Consolidated |
| :---: | :---: | :---: | :---: | :---: |
| Balance Sheet Items |  |  |  |  |
| CMO collateral | \$2,563,621 | \$ | \$ | \$2,563,621 |
| Total assets | 2,885,218 | 655,436 | $(191,426)$ | 3,349,228 |
| Total stockholders' equity | 385,686 | 75,880 | $(191,426)$ | 270,140 |
| Income Statement Items |  |  |  |  |
| Interest income | \$ 35,455 | \$ 7,620 | \$ (7) | \$ 43,068 |
| Interest expense | 22,981 | 4,447 | (7) | 27,421 |
| Equity interest in net earnings of IFC (b) | -- | -- | 4,609 | 4,609 |
| Net earnings | 7,923 | 3,117 | 4,609 | 15,649 |

The following table shows the Company's reporting segments as of and for the three months ended March 31, 2001 (in thousands):

|  | Long-Term Investment Operations |  | Warehouse Lending Operations |  | (a) <br> Eliminations |  | Consolidated |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance Sheet Items |  |  |  |  |  |  |  |  |
| CMO collateral |  | 1,250,728 | \$ |  | \$ | -- |  | 50,728 |
| Total assets |  | 1,641,690 |  | 680,530 |  | 22,562) |  | 99,658 |
| Total stockholders' equity |  | 259,148 |  | 64,887 |  | 44,982) |  | 19,053 |
| Income Statement Items |  |  |  |  |  |  |  |  |
| Interest income | \$ | 29,399 | \$ | 11,781 | \$ | $(1,781)$ | \$ | 39,399 |
| Interest expense |  | 23,413 |  | 8,874 |  | $(1,781)$ |  | 30,506 |
| Equity interest in net earnings of IFC (b) |  | (2) |  | -- |  | 1,290 |  | 1,290 |
| Net earnings (loss) |  | $(2,739)$ |  | 2,591 |  | 1,290 |  | 1,142 |

(a) Elimination of inter-segment balance sheet and income statement items.
(b) The mortgage operations are accounted for using the equity method and is an unconsolidated qualified REIT subsidiary of the Company.
9. Investment in Impac Funding Corporation

The Company is entitled to $99 \%$ of the earnings or losses of IFC through its ownership of $100 \%$ of the non-voting preferred stock of IFC. As such, the Company records its investment in IFC using the equity method. Under this

## BALANCE SHEETS

ASSETS
Cash
Investment securities available-for-sale
Mortgage loans held-for-sale
Mortgage servicing rights
Premises and equipment, net
Accrued interest receivable
Other assets
Total assets

LIABILITIES AND SHAREHOLDERS' EQUITY
Borrowings from IWLG
Due to affiliates
Deferred revenue
Accrued interest expense
Other liabilities
Total liabilities
Shareholders' Equity:
Preferred stock
Common stock
Retained earnings
Cumulative dividends declared
Accumulated other comprehensive gain (loss)
Total shareholders' equity
Total liabilities and shareholders' equity

STATEMENTS OF OPERATIONS
Interest income
Interest expense

Net interest income
Gain on sale of loans
Loan servicing income (expense)
Other non-interest income
Total non-interest income
Personnel expense
General, administrative and other expense
Amortization of mortgage servicing rights
Provision for repurchases
Mark-to-market gain - SFAS 133
Total non-interest expense

Earnings before income taxes and cumulative effect of change in change in accounting principle
Income taxes
Earnings before cumulative effect of change in accounting principle Cumulative effect of change in accounting principle

Net earnings
Less: Cash dividends on preferred stock
Net earnings (loss) available to common stockholders

| For the Three Months Ended March 31, |  |  |  |
| :---: | :---: | :---: | :---: |
| 2002 |  |  | 2001 |
| \$ | 6,646 | \$ | 7,492 |
|  | 4,975 |  | 7,198 |
|  | 1,671 |  | 294 |
| $\begin{array}{r} 16,158 \\ (357) \end{array}$ |  |  | 7,649 |
|  |  |  | 1,032 |
| 1,735 |  |  | 46 |
| 17,536 |  |  | 8,727 |
| 5,573 |  |  | 3,185 |
| 4,090 |  |  | 2,479 |
| 1,499 |  |  | 1,053 |
| $\begin{gathered} 435 \\ (448) \end{gathered}$ |  |  | 6 |
|  |  |  | (17) |
| 11,149 |  |  | 6,706 |
| 8,058 |  |  | 2,315 |
| 3,403 |  |  | 1,000 |
| 4,655 |  |  | 1,315 |
|  |  |  | 17 |
| 4,655$(1,980)$ |  |  | 1,298 |
|  |  |  | $(1,964)$ |
| \$ | 2,675 | \$ | (666) |

## 10. Stockholders' Equity

During the three months ended March 31, 2002, accumulated other comprehensive loss decreased by $\$ 9.0$ million due to a $\$ 1.4$ million decrease in unrealized gain on investment securities available-for-sale and a $\$ 10.4$ million decrease in unrealized loss on derivative assets.

On February 7, 2002, the Company issued 7.4 million shares of common stock at a price of $\$ 8.25$ per share and received net proceeds of $\$ 57.0$ million.

On March 26, 2002, the Company declared a first quarter cash dividend of $\$ 0.40$ per common share, or $\$ 15.8$ million, which was paid on April 16, 2002 to common stockholders of record on April 3, 2002.

This Quarterly Report contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements, some of which are based on various assumptions and events that are beyond our control, may be identified by reference to a future period or periods or by the use of forward-looking terminology, such as "may," "will," "believe," "expect," "anticipate," "continue," or similar terms or variations on those terms or the negative of those terms. Actual results could differ materially from those set forth in forward-looking statements due to a variety of factors, including, but not limited to, adverse economic conditions, the ability to generate sufficient liquidity, including completing securitizations and earning interest on our mortgage loans, different interest rate fluctuations on our assets and liabilities, changes in the difference between short-term and long-term interest rates, increase in prepayment rates on our mortgage assets, changes in assumptions regarding estimated loan losses, the availability of financing and, if available, the terms of any financing. For a discussion of the risks and uncertainties that could cause actual results to differ from those contained in the forward-looking statements, see "Risk Factors" in the Company's Annual Report on Form 10-K. We do not undertake, and specifically disclaim any obligation, to publicly release the results of any revisions that may be made to any forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date of such statements.

Unless the context otherwise requires, the terms "Company," "we," "us," and "our" refer to Impac Mortgage Holdings, Inc., a Maryland corporation incorporated in August 1995, and its subsidiaries, IMH Assets Corp., or "IMH Assets," Impac Warehouse Lending Group, Inc., or "IWLG," and its affiliate, Impac Funding Corporation, or "IFC," together with its wholly-owned subsidiaries Impac Secured Assets Corp. and Novelle Financial Services, Inc. References to Impac Mortgage Holdings, Inc., or "IMH," are made to differentiate IMH, the publicly traded company, as a separate entity from IMH Assets, IWLG and IFC.

## SIGNIFICANT TRANSACTIONS

On February 7, 2002, the Company issued 7.4 million shares of common stock at a price of $\$ 8.25$ per share and received net proceeds of $\$ 57.0$ million.

On March 26, 2002, the Company declared a first quarter cash dividend of $\$ 0.40$ per common share, or $\$ 15.8$ million, which was paid on April 16, 2002 to common stockholders of record on April 3, 2002.

## CORE BUSINESS OPERATIONS

Long-Term Investment Operations: During the first quarter of 2002, the long-term investment operations acquired $\$ 500.3$ million of primarily non-conforming Alt-A adjustable-rate mortgages ("ARMs") secured by first liens on residential property from IFC as compared to $\$ 182.1$ million of mortgages acquired during the same period of 2001. "Alt-A" credit quality loans generally have a credit score of 600 or better while "A" credit quality loans generally have a credit score of 640 or better. Alt-A mortgage loans primarily consist of mortgage loans that are first lien mortgage loans made to borrowers whose credit is generally within typical Federal National Mortgage Association ("Fannie Mae") or Federal Home Loan Mortgage Corporation ("Freddie Mac") guidelines. However, Alt-A mortgages have loan characteristics, such as lack of documentation or verifications, that make them ineligible under Fannie Mae or Freddie Mac guidelines. Of the mortgages acquired during the first quarter of 2002, $61 \%$ were acquired with prepayment penalty features with a weighted average coupon of $6.54 \%$ and a weighted average credit score of 684. During the first quarter of 2002, IMH Assets issued CMOs for $\$ 495.0$ million that were secured by $\$ 500.0$ million of primarily Alt-A mortgage loans. As of March 31, 2002, the long-term investment operations portfolio of mortgage loans consisted of $\$ 2.6$ billion of mortgage loans held in trust as collateral for collateralized mortgage obligations ("CMOs") and $\$ 9.0$ million of mortgage loans held-for-investment, of which approximately $11 \%$ were fixed-rate mortgages ("FRMs") and $89 \%$ were ARMs. The weighted average coupon of the mortgage loan investment portfolio was $7.57 \%$ at March 31, 2002 with a weighted average margin of $3.29 \%$. As of March 31, 2002, $95 \%$ of CMO collateral were Alt-A mortgage loans acquired or originated by the mortgage operations, of which $57 \%$ had prepayment penalties and $60 \%$ were hybrid ARMs with a weighted average credit score of 672 . The delinquency rate of mortgages in the mortgage loan investment portfolio which were 60 or more days past due, inclusive of foreclosures and delinquent bankruptcies, was $3.85 \%$ at March 31, 2002 as compared to $3.84 \%$ at December 31, 2001.

Mortgage Operations: Loan production by the mortgage operations increased $98 \%$ to $\$ 1.2$ billion during the first quarter of 2002 as compared to $\$ 607.2$ million during the same period in 2001. During the first quarter of 2002, correspondent mortgage acquisitions, excluding premiums paid, were $\$ 877.7$ million, or $74 \%$ of total production, wholesale loan originations were \$235.4 million, or $20 \%$ of total production and Novelle Financial Services ("NFS") were $\$ 71.2$ million, or $6 \%$ of total production. During the first quarter of 2001, correspondent mortgage acquisitions were $\$ 466.8$ million, or $78 \%$ of total production, and wholesale loan originations were $\$ 130.3$ million, or $22 \%$ of total production. Of mortgages acquired or originated during the first quarter of 2002, $\$ 817.3$ billion, or $69 \%$ of total production, had prepayment penalty features as compared to $\$ 382.1$ million, or $64 \%$ of total production, during the same period in 2001. ARM production was $\$ 808.1$ million, or $68 \%$ of total production, during the first quarter of 2002 as compared to $\$ 376.3$ million, or $32 \%$ of total production, during the same period in 2001. During the first quarter of 2002, the mortgage operations issued real estate mortgage investment conduits ("REMICs") totaling $\$ 444.7$ million, sold $\$ 491.8$ million of loans to IMH and $\$ 84.2$ million of loans to first party investors, which contributed to gain on sale of loans of $\$ 16.2$ million. During the first quarter of 2001, the mortgage operations issued REMICs totaling $\$ 450.1$ million, sold $\$ 179.2$ million of loans to IMH and $\$ 11.9$ million of loans to first party investors, which contributed to gain on sale of loans of $\$ 7.6$ million. The master servicing portfolio increased $11 \%$ to $\$ 6.2$ billion at March 31, 2002 as compared to $\$ 5.6$ billion at December 31, 2001. The loan delinquency rate of mortgages in the master servicing portfolio which were 60 or more days past due, inclusive of foreclosures and delinquent bankruptcies, was $5.13 \%$ at March 31, 2002 as compared to $5.38 \%$ at December 31, 2001.

Warehouse Lending Operations: As of March 31, 2002, the warehouse lending operations had $\$ 481.0$ million of short-term warehouse lines of credit available to 59 non-affiliated customers, of which $\$ 263.9$ million was outstanding, as compared to $\$ 447.0$ million and 57 , respectively, of which $\$ 300.6$ million was outstanding as of December 31, 2001.

RESULTS OF OPERATIONS--IMPAC MORTGAGE HOLDINGS, INC.
For the Three Months Ended March 31, 2002 as compared to the Three Months Ended March 31, 2001

## Results of Operations

Net earnings for the first quarter of 2002 were $\$ 15.6$ million, or $\$ 0.43$ per diluted share, as compared to net earnings of $\$ 1.1$ million, or $\$ 0.04$ per diluted share, for the first quarter of 2001. Net earnings rose as net interest income increased by $\$ 6.8$ million and equity in net earnings of IFC increased by $\$ 3.3$ million. Additionally, net earnings during the first quarter of 2002 were unaffected by fair market adjustments on derivative instruments, in accordance with Statement of Financial Accounting Standards No. 133 ("SFAS 133"),
"Accounting for Derivative Instruments and Hedging Activities," as compared to mark-to-market losses of $\$ 5.2$ million recorded during the first quarter of 2001 .

Net interest income increased to $\$ 15.6$ million during the first quarter of 2002 as compared to $\$ 8.9$ million during the first quarter of 2001 as average Mortgage Assets increased and net interest margins widened. Total average Mortgage Assets increased $58 \%$ to $\$ 3.0$ billion during the first quarter of 2002 as compared to $\$ 1.9$ billion during the first quarter of 2001 and net interest margins widened to $2.02 \%$ from $1.82 \%$, respectively, as short-term interest rate reductions by the Federal Reserve Bank reduced CMO financing costs. Yields on CMO borrowings decreased to $3.96 \%$ during the first quarter of 2002 as compared to $6.60 \%$ during the first quarter of 2001 as one-month London Interbank Offered Rate ("LIBOR") decreased. Interest rates on CMO borrowings are determined by adding a contractual margin to the one-month LIBOR interest rate. Refer to "Net Interest Income" below for more information on average Mortgage Assets and the effect of interest rates on yields and net interest margins.

Equity in net earnings of IFC increased to $\$ 4.6$ million during the first quarter of 2002 as compared to $\$ 1.3$ million during the first quarter of 2001 as gain on sale of loans at IFC increased to $\$ 16.2$ million from $\$ 7.6$ million, respectively. Gain on sale of loans increased as IFC sold a higher volume of loans at more favorable prices during the first quarter of 2002 as compared to the first quarter of 2001. During the first quarter of 2002, IFC also recorded a gain of $\$ 1.7$ million on the sale of 377,028 shares of IMH common stock that it acquired during 2001. The sale of IMH common stock by IFC during the first quarter of 2002 represented the remaining shares held by IFC. Refer to "Results of Operations--Impac Funding Corporation" below for more information on the operating results of IFC.

Total assets increased $14 \%$ to $\$ 3.3$ billion as of March 31, 2002 as compared to $\$ 2.9$ billion as of December 31,2001 as the long-term investment operations acquired $\$ 491.8$ million in unpaid principal balance of primarily Alt-A
mortgage loans from the mortgage operations during the first quarter of 2002. The following table summarizes mortgage loan acquisitions for the periods indicated (in thousands):

LOAN ACQUISITION SUMMARY (excludes premiums paid)

|  | For the Three Months Ended March 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2002 |  | 2001 |  |
|  | Balance | \% | Balance | \% |
| Volume by Type: |  |  |  |  |
| Adjustable rate | \$491, 781 | 100 | \$179,168 | 100 |
| Fixed rate | - - | 0 | - - | 0 |
| Total Loan Acquisitions | \$491, 781 |  | \$179,168 |  |
| Volume by Product: |  |  |  |  |
| Six month LIBOR indexed ARMs | \$322,933 | 66 | \$ 3,096 | 2 |
| Six month LIBOR indexed hybrids (1) | 168,848 | 34 | 176, 072 | 98 |
| Second trust deeds | - - | 0 | -- | $\bigcirc$ |
| Total Loan Acquisitions | \$491, 781 |  | \$179,168 |  |
| Volume by Credit Quality: |  |  |  |  |
| Alt-A loans | \$489, 927 | 100 | \$176,767 | 99 |
| $B / C$ loans | 1,854 | 0 | 2,401 | 1 |
| Total Loan Acquisitions | \$491, 781 |  | \$179,168 |  |
| Volume by Purpose: |  |  |  |  |
| Purchase | \$290, 019 | 59 | \$127,123 | 71 |
| Refinance | 201, 762 | 41 | 52,045 | 29 |
| Total Loan Acquisitions | \$491, 781 |  | \$179,168 |  |
| Volume by Prepayment Penalty: |  |  |  |  |
| With prepayment penalty | \$301, 525 | 61 | \$110,637 | 62 |
| Without prepayment penalty | 190, 256 | 39 | 68,531 | 38 |
| Total Loan Acquisitions | \$491, 781 |  | \$179,168 |  |

(1) Mortgage loans are fixed rate for initial two to five year periods and subsequently adjust to the indicated index plus a margin.

To finance the acquisition of mortgage loans during the first quarter of 2002, we issued $\$ 495.0$ million of $C M O s$, which included $\$ 470.0$ million of AAA rated bonds and $\$ 25.0$ million of $B B B$ rated bonds that were priced on a weighted average basis of one-month LIBOR plus 42 basis points and were secured by $\$ 500.0$ million of primarily Alt-A mortgage loans. The high credit quality and favorable credit loss history of our Alt-A mortgage loans allows us to borrow a higher percentage against mortgage loans securing CMOs. In addition, we raised $\$ 57.0$ million upon the issuance of 7.4 million shares of common stock, which reduced our total leverage ratio to 12.40 to 1 as of March 31,2002 as compared to 14.04 to 1 as of December 31, 2001. The issuance of additional shares of common stock was accretive to diluted book value per share as it increased to $\$ 6.85$ per share as of March 31, 2002 as compared to $\$ 6.35$ per share as of December $31,2001$.

During the first quarter of 2002, $66 \%$ of mortgage loans acquired by the long-term investment operations from the mortgage operations were six-month LIBOR indexed ARMs as compared to $2 \%$ during the first quarter of 2001 . The shift by borrowers from six-month LIBOR indexed hybrids, which have fixed interest rate periods from two to five years, to six-month LIBOR indexed ARMs, which are subject to interest rate adjustments every six months, reflects a widening gap between short- and long-term interest rates and adjustable- and fixed-rate mortgages. Over the last two calendar quarters, the long-term investment operations has acquired $\$ 1.1$ billion of primarily Alt-A ARMs, which represented approximately $44 \%$ of our long-term mortgage loan portfolio as of March 31, 2002.

The acquisition for long-term investment of a higher than expected volume of ARMs over the last two calendar quarters combined with an increase in projected acquisitions over the remainder of 2002 has shifted projected earnings from less reliance on gain on sale of loans as a source of revenue to net interest income generated from the balance sheet. We anticipate that the balance sheet will generate as much as, if not greater than, $80 \%$ of our total
earnings during 2002 as compared to $67 \%$ of total earnings during 2001 as we have revised our 2002 projections of total assets to $\$ 4.2$ billion from our original year-end projections of $\$ 3.7$ billion.

Higher outstanding advances on warehouse lines, or finance receivables, that the warehouse lending operations makes to our affiliates and external customers also contributed to the increase in total assets at quarter-end. The warehouse lending operations had outstanding finance receivables of \$639.5 million as of March 31, 2002 as compared to $\$ 466.6$ million outstanding as of December 31, 2001. The increase in finance receivables was primarily the result of a $23 \%$ increase in loan production by IFC, the Company's taxable REIT subsidiary. Loan production by IFC increased to $\$ 1.1$ billion during the first quarter of 2002 as compared to $\$ 977.1$ million during the fourth quarter of 2001. Additionally, the warehouse lending operations increased approved warehouse lines available to non-affiliated customers to $\$ 481.0$ million as of March 31, 2002 as compared to $\$ 447.0$ million as of December 31, 2001.

Allowance for loan losses increased $27 \%$ to $\$ 14.8$ million as of March 31, 2002 as compared to $\$ 11.7$ million as of December 31, 2001. Allowance for loan losses expressed as a percentage of loans receivable, which includes CMO collateral, mortgage loans held-for-investment and finance receivables, was $0.46 \%$ at March 31, 2002 as compared to $0.43 \%$ at December 31, 2001. During the first quarter of 2002, provision for loan losses was $\$ 3.7$ million while actual loan charge-offs, net of recoveries, were $\$ 635,000$ as compared to $\$ 4.0$ million and $\$ 2.8$ million, respectively, for the first quarter of 2001 . The Company makes a monthly provision for estimated loan losses on its long-term investment portfolio as an increase to allowance for loan losses. As of March 31, 2002, total non-performing assets were $\$ 80.4$ million, or $2.40 \%$ of total assets, as compared to $\$ 69.3$ million, or $2.43 \%$ of total assets, as of December 31, 2001. Mortgage loans that were 60 or more days delinquent, including foreclosures and delinquent bankruptcies, was $3.85 \%$ of the long-term mortgage investment portfolio as of March 31, 2002 as compared to $3.84 \%$ as of December 31, 2001.

Core Operating Earnings. Core operating earnings for the first quarter of 2002 increased to $\$ 16.7$ million, or $\$ 0.46$ per diluted share, as compared to core operating earnings of $\$ 6.3$ million, or $\$ 0.24$ per diluted share, for the first quarter of 2001. Core operating earnings reflect recurring earnings from operations and exclude one-time, non-recurring income and expense items and the effect of fair market accounting for derivative instruments and hedging activities. Core operating earnings for the first quarter of 2002 were higher than net earnings as core operating earnings exclude $\$ 1.0$ million in write-down of investment securities available-for-sale. Core operating earnings is a concept not recognized by generally accepted accounting principles ("GAAP") and may not be comparable to core operating earnings of other companies. The following table summarizes the calculation of core operating earnings and a reconciliation of core operating earnings to net earnings (in thousands, except per share amounts):
For the Three Months
Ended March 31,

Estimated Taxable Earnings. Estimated taxable earnings for the first quarter of 2002 were $\$ 17.0$ million, or $\$ 0.47$ per diluted share, as compared to $\$ 8.6$ million, or $\$ 0.32$ per diluted share, during the first quarter of 2001. Estimated taxable earnings during the first quarter were greater than net earnings as the provision for loan losses of $\$ 3.7$ million was in excess of actual loan charge-offs, net of recoveries, of $\$ 635,000$. Excess provision for loan losses of $\$ 3.1$ million cannot be deducted from taxable earnings. In addition, estimated taxable earnings for the first quarter reflects a $\$ 2.0$ million dividend from IFC on its after-tax net earnings of $\$ 4.7$ million. The board of directors previously declared a cash dividend of $\$ 0.40$ per share during the first quarter of 2002, which was paid on April 16, 2002 to stockholders of record on April 3, 2002. The first quarter of 2002 dividend is not deducted from estimated taxable earnings. The following table summarizes the calculation of estimated taxable earnings and a reconciliation of estimated taxable earnings to net earnings (in thousands, except per share amounts):

Net earnings
For the Three Months
Ended March 31,

| -- | 864 |
| :---: | :---: |
| 1,039 | -- |
| -- | 4,313 |
| 3,707 | 4,038 |
| 1,980 | 1,944 |
| 175 | 389 |
| (635) | $(2,833)$ |
| $(4,609)$ | $(1,290)$ |
| (316) | -- |
| \$ 16,990 | \$ 8,567 |
| \$ 0.47 | \$ 0.32 |

(1) Reflects calculation of estimated taxable earnings generated by the Company during periods shown. Excludes remaining \$870,000 tax deduction for 2002 and quarterly tax deduction of $\$ 2.7$ million during 2001 for amortization of the termination of the Company's management agreement in 1997, the deduction for dividends paid and the availability of a deduction attributable to a net operating loss carryforward.

## Net Interest Income

Net interest income increased $75 \%$ to $\$ 15.6$ million during the first quarter of 2002 as compared to $\$ 8.9$ million during the first quarter of 2001. Net interest income increased as a result of decreased adjustable rate CMO borrowing costs and wider net interest margins as the Federal Reserve Bank decreased short-term interest rates during 2001. Total average Mortgage Assets increased $58 \%$ to $\$ 3.0$ billion during the first quarter of 2002 as compared to $\$ 1.9$ billion during the first quarter of 2001 as the long-term investment operations continued to acquire primarily adjustable rate Alt-A mortgage loans from the mortgage operations. Mortgage Assets include CMO collateral, mortgage loans held-for-investment, finance receivables and investment securities. Net interest margins on Mortgage Assets increased 20 basis points to $2.02 \%$ during the first quarter of 2002 as compared to $1.82 \%$ during the first quarter of 2001. Net interest margins on Mortgage Assets increased during the first quarter of 2002 primarily as a result of average CMO borrowing costs decreasing 264 basis points to $3.96 \%$ as compared to $6.60 \%$ during the first quarter of 2001.

We expect a favorable interest rate environment for the remainder of 2002 . The Federal Reserve Bank did not raise short-term interest rates at its last meeting as it indicated that the pace of the economic recovery remains uncertain. Additionally, there appears to be no imminent plans by the Federal Reserve Bank to increase short-term interest in the near term. We feel that interest rate hedging instruments that are currently in place and a significant volume of adjustable rate mortgages that were acquired during the first quarter of 2002 and the fourth quarter of 2001 will help mitigate any possible adverse effects that rising interest rates may have on future earnings. In addition, we continue to acquire a significant portion of mortgage loans with prepayment penalty features, which will help to mitigate any possible adverse effects that refinance activity, which has been fueled by low mortgage rates, may have on future earnings. As of March 31, 2002, $57 \%$ of CMO collateral had prepayment penalties.

The following table summarizes average balance, interest and weighted average yield on Mortgage Assets and borrowings on Mortgage Assets for the first quarters of 2002 and 2001 and includes interest income on Mortgage Assets and interest expense related to borrowings on Mortgage Assets only (dollars in thousands):

For the Three Months
Ended March 31, 2002

| Average |  | Wtd. Avg |
| :---: | :---: | :---: |
| Balance | Interest | Yield |

MORTGAGE ASSETS
Investment securities available-for-sale:
Securities collateralized by mortgages
Loan receivables:
CMO collateral
Mortgage loans held-for-investment (1)
Finance receivables:
Affiliated
Non-affiliated
Total finance receivables
Total Loan receivables
Total Mortgage Assets
BORROWINGS
CMO borrowings (2)
Reverse repurchase agreements - mortgages
Borrowings secured by investment securities
Total Borrowings on Mortgage Assets

Net Interest Spread (3)

| \$ 32,364 | \$ | 433 | 5.35\% |
| :---: | :---: | :---: | :---: |
| 2,340,187 |  | 34,451 | 5.89 |
| 14,979 |  | (31) | (0.83) |
| 385,813 |  | 4,290 | 4.45 |
| 239,579 |  | 3,283 | 5.48 |
| 625,392 |  | 7,573 | 4.84 |
| 2,980,558 |  | 41,993 | 5.64 |
| \$3, 012, 922 |  | 42,426 | 5.63\% |
| \$2, 261, 902 | \$ | 22,406 | 3.96\% |
| 581, 247 |  | 4,290 | 2.95 |
| 12,345 |  | 549 | 17.79 |
| \$2,855,494 |  | 27,245 | 3.82\% |

Net Interest Margin (4)
(1) Interest income includes amortization of acquisition costs and net cash payments or receipts on derivatives pending allocation to specific CMO borrowings.
(2) Interest expense includes amortization of acquisition costs and net cash payments or receipts on derivatives not associated with CMO borrowings.
(3) Net interest spread is calculated by subtracting the weighted average yield on total borrowings on Mortgage Assets from the weighted average yield on total Mortgage Assets.
(4) Net interest margin is calculated by subtracting interest expense on total borrowings on Mortgage Assets from interest income on total Mortgage Assets and then dividing by the total average balance for Mortgage Assets.

## Interest Income on Mortgage Assets

Interest income on CMO collateral increased $33 \%$ to $\$ 34.5$ million during the first quarter of 2002 as compared to $\$ 26.0$ million during the first quarter of 2001 as average CMO collateral increased $77 \%$ to $\$ 2.3$ billion as compared to $\$ 1.3$ billion, respectively. Average CMO collateral increased as the long-term investment operations acquired $\$ 1.8$ billion of primarily Alt-A mortgage loans since the end of the first quarter of 2001. During the first quarter of 2002, constant prepayment rates ("CPR") on CMO collateral decreased to $26 \%$ as compared to $29 \%$ during the first quarter of 2001. CPR results from the unscheduled principal pay down or payoff of mortgage loans prior to the contractual maturity date or contractual payment schedule of the mortgage loan. The Company believes that mortgage loans acquired from the mortgage operations with prepayment penalties continues to mitigate increased CPR and corresponding premium amortization from refinance activity. In addition, the Company reduced its exposure to premium amortization as total capitalized premiums were 158 basis points of outstanding CMO collateral as of March 31, 2002 as compared to 162 basis points of outstanding CMO collateral as of March 31, 2001. Loan premiums paid for acquiring mortgage loans are amortized to interest income over the estimated lives of the mortgage loans. The weighted average yield on CMO collateral decreased 195 basis points to $5.89 \%$ during the first quarter of 2002 as compared to $7.84 \%$ during the first quarter of 2001 as mortgage rates declined.

Interest income on mortgage loans held-for-investment decreased to $\$(31,000)$ during the first quarter of 2002 as compared to $\$ 1.5$ million during the first quarter of 2001 as average mortgage loans held-for-investment decreased $83 \%$ to $\$ 15.0$ million as compared to $\$ 89.8$ million, respectively. Interest income on mortgage loans held-for-investment was reduced by $\$ 134,000$ from the amortization of acquisition costs on derivatives prior to the derivatives

For the Three Months
Ended March 31, 2001

| Average |  |
| :--- | :--- |
| Balance | Wtd Avg |
| Yield |  |


| \$ 36,419 | \$ 1,326 | 14.56\% |
| :---: | :---: | :---: |
| 1,327,557 | 26,032 | 7.84 |
| 89,782 | 1,478 | 6.58 |
| 302,972 | 6,648 | 8.78 |
| 143,797 | 3,309 | 9.20 |
| 446, 769 | 9,957 | 8.91 |
| 1,864,108 | 37,467 | 8.04 |
| \$1, 900, 527 | \$38, 793 | 8.16\% |
| \$1, 247, 222 | \$20, 592 | 6.60\% |
| 503,973 | 8,859 | 7.03 |
| 20,329 | 678 | 13.34 |
| \$1, 771, 524 | \$30, 129 | $6.80 \%$ |
|  |  | 1.36\% |
|  |  | 1.82\% |

being allocated to CMO structures. In addition, interest income was not accrued on average non-performing loans held-for-investment of $\$ 8.2$ million during the first quarter of 2002. During the first quarter of 2002, average non-performing loans held-for-investment represented $45 \%$ of total average loans
held-for-investment. However, the outstanding balance of non-performing loans held-for-investment decreased $47 \%$ to $\$ 6.5$ million as of March 31, 2002 from $\$ 12.2$ million as of March 31, 2001. As such, the weighted average yield on mortgage loans held-for-investment decreased to (0.83)\% during the first quarter of 2002 as compared to $6.58 \%$ during the first quarter of 2001.

Interest income on total finance receivables decreased $24 \%$ to $\$ 7.6$ million during the first quarter of 2002 as compared to $\$ 10.0$ million during the first quarter of 2001 as the weighted average yield on total finance receivables decreased to $4.84 \%$ as compared to $8.91 \%$, respectively. The decrease in yield was primarily due to a reduction in Bank of America's prime rate ("prime"), which is the index used to determine interest rates on finance receivables. The decrease in yield was partially offset by an increase in average finance receivables to $\$ 625.4$ million during the first quarter of 2002 as compared to $\$ 446.8$ million during the first quarter of 2001 as loan production by the mortgage operations and warehouse activity from non-affiliates increased.

Interest income on finance receivables to affiliates decreased $35 \%$ to $\$ 4.3$ million during the first quarter of 2002 as compared to $\$ 6.6$ million during the first quarter of 2001 as the weighted average yield on affiliated finance receivables decreased to $4.45 \%$ as compared to $8.78 \%$, respectively, as prime decreased. The decrease in yield was partially offset as average finance receivables to affiliated companies increased $27 \%$ to $\$ 385.8$ million during the first quarter of 2002 as compared to $\$ 303.0$ million during the first quarter of 2001 as loan production by the mortgage operations increased.

Interest income on finance receivables to non-affiliated mortgage banking companies was $\$ 3.3$ million during the first quarter of 2002 and 2001 . Although the weighted average yield on non-affiliated finance receivables decreased to $5.48 \%$ during the first quarter of 2002 as compared to $9.20 \%$ during the first quarter of 2001 due to a decrease in prime, it was offset as average finance receivables outstanding to non-affiliated mortgage banking companies increased $67 \%$ to $\$ 239.6$ million as compared to $\$ 143.8$ million, respectively. Average finance receivables to non-affiliates increased as new customers were added and usage of short-term warehouse lines of credit by existing customers increased.

Interest income on investment securities decreased $73 \%$ to $\$ 433,000$ during the first quarter of 2002 as compared to $\$ 1.3$ million during the first quarter of 2001 as the weighted average yield on investment securities decreased to $5.35 \%$ as compared to $14.56 \%$, respectively, and average investment securities decreased $11 \%$ to $\$ 32.3$ million as compared to $\$ 36.4$ million, respectively.

## Interest Expense on Mortgage Assets

Interest expense on CMO borrowings increased 9\% to $\$ 22.4$ million during the first quarter of 2002 as compared to $\$ 20.6$ million during the first quarter of 2001 as average borrowings on CMO collateral increased $92 \%$ to $\$ 2.3$ billion as compared to $\$ 1.2$ billion, respectively. The large increase in average CMO borrowings produced smaller incremental increases in interest expense on СМO borrowings as short-term interest rate reductions during 2001 caused CMO borrowing yields to decline 264 basis points to $3.96 \%$ during the first quarter of 2002 as compared to $6.60 \%$ during the first quarter of 2001 . Interest expense and yields on CMO borrowings includes $\$ 4.5$ million in net cash payments made on derivatives not associated with specific CMO borrowings during the first quarter of 2002 as compared to none during the first quarter of 2001. Although \$2.0 billion of CMOs were issued since the end of the first quarter of 2001, the Company reduced its exposure to securitization cost amortization as total capitalized securitization costs were 47 basis points of outstanding CMO collateral as of March 31, 2002 as compared to 53 basis points of outstanding CMO collateral as of March 31, 2001. Securitization costs are incurred when CMOs are issued and amortized to interest expense over the estimated lives of the mortgage loans.

Interest expense on reverse repurchase agreements used to fund the acquisition of mortgage loans and finance receivables decreased $52 \%$ to $\$ 4.3$ million during the first quarter of 2002 as compared to $\$ 8.9$ million during the first quarter of 2001 as the weighted average yield on reverse repurchase agreements decreased 408 basis points to $2.95 \%$ as compared to $7.03 \%$, respectively. Average reverse repurchase agreements increased 15\% to \$581.2 million during the first quarter of 2002 as compared to $\$ 504.0$ million during the first quarter of 2001 as loan production by the mortgage operations and warehouse advances to non-affiliated customers increased.

The Company also uses mortgage-backed securities as collateral to borrow and fund the purchase of mortgage assets and to act as an additional source of liquidity. Interest expense on borrowings secured by investment securities decreased $19 \%$ to $\$ 549,000$ during the first quarter of 2002 as compared to $\$ 678,000$ during the first quarter of 2001 as the average balance on these borrowings decreased $39 \%$ to $\$ 12.3$ million as compared to $\$ 20.3$ million, respectively. The weighted average yield of these borrowings increased to $17.79 \%$ during the first quarter of 2002 as compared $13.34 \%$ during the first quarter of 2001.

## Provision for Loan Losses

During the first quarter of 2002, provision for loan losses was \$3.7 million while actual loan charge-offs, net of recoveries, were $\$ 635,000$ as compared to $\$ 4.0$ million and $\$ 2.8$ million, respectively, for the first quarter of 2001. The Company makes a monthly provision for estimated loan losses on its long-term investment portfolio as an increase to allowance for loan losses. The provision for estimated loan losses is primarily based on a migration analysis based on historical loss statistics, including cumulative loss percentages and loss severity, of similar loans in the Company's long-term investment portfolio. The loss percentage is used to determine the estimated inherent losses in the investment portfolio. Provision for loan losses is also based on management's judgment of net loss potential, including specific allowances for known impaired loans, changes in the nature and volume of the portfolio, the value of the collateral and current economic conditions that may affect the borrowers' ability to pay.

## Non-Interest Income

During the first quarter of 2002, non-interest income was $\$ 5.7$ million as compared to $\$ 2.1$ million during the first quarter of 2001. Non-interest income includes equity in net earnings of IFC and other non-interest income, primarily loan servicing fees and fees associated with the warehouse lending operations. The increase in non-interest income was primarily due to an increase in equity in net earnings of IFC to $\$ 4.6$ million during the first quarter of 2002 as compared to $\$ 1.3$ million during the first quarter of 2001. IFC's net earnings increased primarily as a result of an increase of $\$ 8.6$ million in gain on sale of loans and a $\$ 1.7$ million gain on the sale of 377,028 shares of IMH common stock that it acquired during 2001. The Company records $99 \%$ of the earnings or losses from IFC as the Company owns $100 \%$ of IFC's preferred stock, which represents 99\% of the economic interest in IFC. Refer to "Results of Operations--Impac Funding Corporation" for additional information regarding operating results of IFC.

## Non-Interest Expense

During the first quarter of 2002, non-interest expense increased to \$1.9 million as compared to $\$ 1.5$ million during the first quarter of 2001. Excluding the write-down on investment securities and a mark-to-market loss as a result of SFAS 133, non-interest expense increased to $\$ 904,000$ during the first quarter of 2002 as compared to $\$ 661,000$ during the first quarter of 2001 as gain on disposition of other real estate owned decreased \$203,000

RESULTS OF OPERATIONS -- IMPAC FUNDING CORPORATION
For the Three Months Ended March 31, 2002 as compared to the Three Months Ended March 31, 2001

Results of Operations
Net earnings increased to $\$ 4.7$ million during the first quarter of 2002 as compared to $\$ 1.3$ million during the first quarter of 2001. The increase in net earnings was primarily the result of an $\$ 8.6$ million increase in gain on sale of loans, a $\$ 1.7$ million gain on sale of IMH stock and a $\$ 1.4$ million increase in net interest income.

Loan acquisitions and originations, excluding premiums paid, by the mortgage operations increased $98 \%$ to $\$ 1.2$ billion during the first quarter of 2002 as compared to $\$ 597.2$ million during the first quarter of 2001 . We believe that loan production during the first quarter of 2002 was driven by low mortgage rates, strong housing demand, our innovative loan programs and our automated underwriting system, IDASL, which enhances the origination process. IDASL stands for Impac Direct Access System for Lending and can be viewed on our website at www.impaccompanies.com. The following table summarizes mortgage loan acquisitions and originations for the periods indicated (in thousands):

|  | For the Three Months Ended March 31, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2002 |  |  | 2001 |  |
|  |  | Balance | \% | Balance | \% |
| Volume by Type: |  |  |  |  |  |
| Fixed rate | \$ | 362,806 | 31 | \$431, 868 | 72 |
| Second trust deeds |  | 13,496 | 1 | 9,954 | 2 |
| Adjustable rate: |  |  |  |  |  |
| Six month LIBOR ARMs |  | 523,731 |  | 3,044 |  |
| Six month LIBOR hybrids |  | 284,352 |  | 152,302 |  |
| Total adjustable rate |  | 808,083 | 68 | 155,346 | 26 |
| Total Loan Production |  | ,184,385 |  | \$597,168 |  |
| Volume by Channel: |  |  |  |  |  |
| Correspondent acquisitions | \$ | 877,742 | 74 | \$466, 820 | 78 |
| Wholesale and retail originations |  | 235,417 | 20 | 130,348 | 22 |
| Novelle Financial Services |  | 71,226 | 6 | -- | 0 |
| Total Loan Production |  | ,184,385 |  | \$597,168 |  |
| Volume by Credit Quality: |  |  |  |  |  |
| Alt-A loans |  | ,107,650 | 94 | \$591, 384 | 99 |
| B/C loans |  | 76,735 | 6 | 5,784 | 1 |
| Total Loan Production |  | ,184,385 |  | \$597,168 |  |
| Volume by Purpose: |  |  |  |  |  |
| Purchase |  | 648,230 | 55 | \$382, 240 | 64 |
| Refinance |  | 536,155 | 45 | 214,928 | 36 |
| Total Loan Production |  | ,184,385 |  | \$597,168 |  |
| Volume by Prepayment Penalty: |  |  |  |  |  |
| With prepayment penalty | \$ | 817,251 | 69 | \$382, 142 | 64 |
| Without prepayment penalty |  | 367,134 | 31 | 215, 026 | 36 |
| Total Loan Production |  | ,184,385 |  | \$597,168 |  |

## Net Interest Income

Net interest income increased to $\$ 1.7$ million during the first quarter of 2002 as compared to net interest income of $\$ 294,000$ during the first quarter of 2001. Net interest income rose as average loans held for sale increased to $\$ 390.2$ million during the first quarter of 2002 as compared to $\$ 311.1$ million during the first quarter of 2001 as a result of higher loan production levels and widening of net interest margins. Net interest margins increased to 1.72\% during the first quarter of 2002 as compared to $0.53 \%$ during the first quarter of 2001. Net interest margins increased as yields on average borrowing costs decreased at a faster rate than weighted average coupons on mortgage loans. Average prime, which is the index used to determine borrowing costs on warehouse lines with the warehouse lending operations, decreased to $4.75 \%$ during the first quarter of 2002 as compared to $8.62 \%$ during the first quarter of 2001.

## Non-Interest Income

During the first quarter of 2002, non-interest income increased to \$17.5 million as compared to $\$ 8.7$ million during the first quarter of 2001 primarily as a result of an increase in gain on sale of loans. Gain on sale of loans increased to $\$ 16.2$ million on loan sales of $\$ 1.0$ billion during the first quarter of 2002 as compared to $\$ 7.6$ million and $\$ 641.2$ million, respectively, during the first quarter of 2001. Additionally, profit margins on mortgage loans sold during the first quarter of 2002 were more favorable as compared to profit margins on mortgage loans sold during the first quarter of 2001. During the first quarter of 2002, IFC securitized $\$ 444.7$ million of mortgages as REMICs as compared to $\$ 450.1$ million during the first quarter of 2001 . IFC sold loans on a servicing released basis during the first quarters of 2002 and 2001. The mortgage operations anticipates that it will continue to sell related loan servicing rights from the securitization of its loans and will continue to act as master servicer on all its securitizations. IFC's goal is to securitize loans more frequently as less capital is required, higher liquidity is maintained and less interest rate and price volatility during the mortgage loan accumulation period results. Additionally, during the first quarter of

2002 IFC recorded gains of $\$ 1.7$ million on the sale of 377,028 shares of IMH common stock it acquired during 2001. The sale of IMH common stock during the first quarter of 2002 represented the remaining shares owned by IFC.

## Non-Interest Expense

During the first quarter of 2002, non-interest expense increased to $\$ 11.1$ million as compared to $\$ 6.7$ million during the first quarter of 2001. Personnel expense accounted for the primary increase in non-interest expense during the first quarter of 2002 as it increased $75 \%$ to $\$ 5.6$ million as compared to $\$ 3.2$ million during the first quarter of 2001. The increase in personnel expense was primarily the result of an increase in loan production and a corresponding increase in staff. Staff in the conduit and wholesale lending operations rose to 282 employees at March 31, 2002 as compared to 232 employees at March 31, 2001 while total staff at Novelle Financial Services was 75 employees at March 31, 2002. Novelle Financial Services was acquired and became a subsidiary of IFC after the first quarter of 2001.

## LIQUIDITY AND CAPITAL RESOURCES

We recognize the need to have funds available for our operating businesses and our customer's demands for obtaining short-term warehouse financing until the settlement or sale of mortgage loans with us or with other investors. It is our policy to have adequate liquidity at all times to cover normal cyclical swings in funding availability and loan demand and to allow us to meet abnormal and unexpected funding requirements. We plan to meet liquidity through normal operations with the goal of avoiding unplanned sales of assets or emergency borrowing of funds. Toward this goal, the Company's asset and liability committee ("ALCO") is responsible for monitoring our liquidity position and funding needs. ALCO is comprised of the senior executives of IMH. ALCO meets on a weekly basis to review current and projected sources and uses of funds. ALCO monitors the composition of the balance sheet for changes in the liquidity of our assets in adverse market conditions. Our liquidity consists of cash and cash equivalents, short-term and marketable investment securities rated AAA through BBB and maturing mortgage loans, or "liquid assets." Our policy is to maintain a liquidity threshold of $5 \%$ of liquid assets to warehouse borrowings, reverse repurchase agreements, dividends payable and other short-term liabilities. During the first quarter of 2002, we were in compliance with this policy, which ALCO reports to the board of directors at least quarterly. As of March 31, 2002, overall liquidity was 12\%.

Sources of Liquidity
Our business operations are primarily funded as follows:
monthly interest and principal payments from our mortgage loan and investment securities portfolios;
CMO and reverse repurchase agreements secured by mortgage loans and mortgage-backed securities;
proceeds from securitization and whole loan sale of mortgage loans; and
cash from the issuance of securities.
We use СМO borrowings and reverse repurchase agreements to fund substantially all of our mortgage loan and mortgage-backed securities portfolios. As we accumulate mortgage loans for long-term investment, we issue CMOs secured by the mortgage loans as a means of providing long-term financing and repaying short-term warehouse advances. The use of CMOs provides the following benefits:
o allows us to lock in our financing cost over the life of the mortgage loans securing the CMO borrowings; and eliminates margin calls on the borrowings that are converted from reverse repurchase agreements to СМО financing.

Terms of CMO borrowings require that an independent third party custodian hold mortgage loans as collateral. The maturity of each CMO bond class is directly affected by the rate of early principal payments on the related collateral. Interest rates on adjustable rate CMOs can range from a low of $0.26 \%$ over one-month LIBOR on "AAA" credit rated bonds to a high of $3.60 \%$ over one-month LIBOR on "BBB" credit rated bonds. As of March 31, 2002, interest rates on adjustable rate CMOs ranged from $0.26 \%$ to $2.40 \%$ over one-month LIBOR, or $2.16 \%$ to $4.30 \%$. Interest rates on fixed rate CMOs range from $6.65 \%$ to $7.25 \%$ depending on the class of CMOs issued. Equity in the CMOs is established at the time CMOs are issued at levels sufficient to achieve desired credit ratings on the securities from rating agencies. We also determine the amount of equity invested in CMOs based upon the anticipated return on
equity as compared to estimated proceeds from additional debt issuance. Total credit loss exposure is limited to the equity invested in the CMOs at any point in time.

During the first quarter of 2002, we issued $\$ 495.0$ million of CMOs, which included $\$ 470.0$ million of AAA rated bonds and $\$ 25.0$ million of BBB rated bonds that were priced on a weighted average basis of one-month LIBOR plus 42 basis points, to provide long-term financing for $\$ 500.0$ million of mortgage loans securing CMOs. In April of 2002, we issued a CMO for $\$ 496.3$ million which included $\$ 472.5$ million of AAA rated bonds and $\$ 23.8$ million of BBB rated bonds that were priced on a weighted average basis of one-month LIBOR plus 37 basis points. Because of the credit profile, historical loss performance and prepayment characteristics of our non-conforming Alt-A mortgages, we have been able to borrow a higher percentage against mortgage loans securing CMOs, which means that we have to provide less capital. By decreasing the amount of capital we have to invest in our CMOs, we have been able to grow with the liquidity generated from our business operations.

Before the issuance of CMOs, we finance the acquisition of mortgage loans primarily through borrowings on reverse repurchase agreements with third party lenders. When we have accumulated a sufficient amount of mortgage loans, we issue CMOs and convert short-term advances under reverse repurchase agreements to long-term CMO financing. Since 1995, we have had an uncommitted repurchase facility with a major investment bank to finance the acquisition of mortgage loans as needed. In order to give us more flexibility in our borrowing arrangements and to reduce our reliance on one lender, we are currently in negotiations with other investment banks to provide additional uncommitted reverse repurchase facilities.

Terms of the reverse repurchase agreement require that mortgage loans be held by an independent third party custodian, which gives us the ability to borrow against a percentage of the outstanding principal balance of the mortgage loans. The borrowing rates vary from 85 basis points to 200 basis points over one-month LIBOR, depending on the type of collateral provided. The advance rates on the reverse repurchase agreement is based on the type of mortgage collateral provided and generally range from $70 \%$ to $98 \%$ of the fair market value of the collateral. As of March 31, 2002, we had $\$ 576.1$ million outstanding on the reverse repurchase facility, which included the funding of our mortgage loans and those of our customers.

The mortgage operations currently have warehouse line agreements to obtain financing of up to $\$ 600.0$ million from the warehouse lending operations to provide interim mortgage loan financing during the period that the mortgage operations accumulates mortgage loans until the mortgage loans are securitized or sold. The margins on reverse repurchase agreements are based on the type of collateral provided by the mortgage operations and generally range from $95 \%$ to $99 \%$ of the fair market value of the collateral. The interest rates on the borrowings are indexed to prime minus $0.50 \%$, which was $4.75 \%$ at March 31, 2002. As of March 31, 2002, the mortgage operations had $\$ 383.8$ million outstanding under the warehouse line agreements.

We expect to continue to use short-term warehouse facilities to fund the acquisition of mortgage loans. If we cannot renew or replace maturing borrowings, we may have to sell, on a whole loan basis, the loans securing these facilities which, depending upon market conditions, may result in substantial losses. Additionally, if for any reason the market value of our mortgage loans securing warehouse facilities decline, our lenders may require us to provide them with additional equity or collateral to secure our borrowings, which may require us to sell mortgage loans at substantial losses.

When the mortgage operations accumulates a sufficient amount of mortgage loans, it sells or securitizes the mortgage loans. During the first quarter of 2002, the mortgage operations securitized $\$ 444.7$ million of mortgage loans as REMICs and sold $\$ 491.8$ billion, in unpaid principal balance, of mortgage loans to the long-term investment operations. In addition, the mortgage operations sold $\$ 84.2$ million, in unpaid principal balance, of mortgage loans to other investors. The mortgage operations sold mortgage servicing rights on all ARM and FRM securitizations completed during the first quarter of 2002. This generated $100 \%$ cash gains on securitization and sale of mortgage loans. Cash from the sale of mortgage servicing rights was deployed in the mortgage operations and used to acquire and originate additional mortgage loans.

In order to mitigate interest rate and market risk, we attempt to securitize our mortgage loans more frequently. Although securitizing mortgage loans more frequently adds operating and securitization costs, we believe the added cost is offset as less capital is required and more liquidity is provided with less interest rate and price volatility, as the accumulation and holding period of mortgage loans is shortened. The mortgage operations currently has agreements in place for the sale of mortgage loans and mortgage servicing rights with an investment bank and large mortgage loan
servicer, respectively. This allows the mortgage operations to forward price its REMIC and CMO transactions on a servicing released basis and achieve greater stability in the execution of its securitizations.

On December 1, 2001, we filed a registration statement with the SEC, which allows us to sell up to $\$ 300.0$ million of securities, including common stock, preferred stock, debt securities and warrants. This type of registration statement is commonly referred to as a "shelf" registration process. In conjunction with the filing of the shelf, we completed the sale of 7,402,000 shares of common stock during the first quarter of 2002, which provided net proceeds of approximately $\$ 57.0$ million.

Uses of Liquidity
Our business operations primarily use funds as follows:
o acquisition and origination of mortgage loans;
o provide short-term warehouse financing; and
o pay common stock dividends.
During the first quarter of 2002, we acquired and originated $\$ 1.2$ billion of mortgage loans of which we retained $\$ 491.8$ million for long-term investment. The acquisition and origination of mortgage loans by the mortgage operations during the first quarter of 2002 resulted in premium costs of $1.39 \%$ of the outstanding principal balance of mortgage loans. Our equity investment in mortgage loans is outstanding until we sell or securitize our mortgage loans, which is one of the reasons we attempt to securitize our mortgage loans frequently. When we complete CMOs our required equity investment ranges from approximately $3 \%$ to $5 \%$ of the outstanding principal balance of mortgage loans, depending on our premium costs, securitization costs and the capital investment required. Since we rely significantly upon securitizations to generate cash proceeds to repay borrowings and to create credit availability, any disruption in our ability to complete securitizations may require us to utilize other sources of financing, which, if available at all, may be on unfavorable terms. In addition, delays in closing securitizations of our mortgage loans increase our risk by exposing us to credit and interest rate risks for this extended period of time. Furthermore, gains on sales from our securitizations represent a significant portion of our earnings.

We utilize our uncommitted warehouse line with a major investment bank to provide short-term warehouse financing to affiliates and external customers of the warehouse lending operations. The mortgage operations has a $\$ 600.0$ million warehouse facility with the warehouse lending operations to fund the acquisition and origination of mortgage loans until sale or securitization. The warehouse lending operations provides financing to affiliates at prime minus $0.50 \%$. As of March 31, 2002, affiliates had $\$ 383.8$ million outstanding on the warehouse line with the warehouse lending operations. During January 2002, affiliates deposited a total of $\$ 8.1$ million in pledge accounts with the warehouse lending operations that allows them to finance $100 \%$ of the fair market value of their mortgage loans.

The warehouse lending operations provides financing to non-affiliates at prime plus a spread. Non-affiliates can generally finance between $95 \%$ and $98 \%$ of the fair market value of the mortgage loans. As of March 31, 2002, the warehouse lending operations had $\$ 481.0$ million of approved warehouse lines available to its customers of which $\$ 263.9$ million was outstanding. Our ability to meet liquidity requirements and the financing need of our customers is subject to the renewal of our credit and repurchase facilities or obtaining other sources of financing, if required, including additional debt or equity from time to time. Any decision our lenders or investors make to provide available financing to us in the future will depend upon a number of factors, including:
o our compliance with the terms of our existing credit arrangements;
o our financial performance;
o industry and market trends in our various businesses;
o the general availability of and rates applicable to financing and investments;
o our lenders or investors resources and policies concerning loans and investments; and
the relative attractiveness of alternative investment or lending opportunities.

During the first quarter of 2002, we declared common stock dividends of $\$ 0.40$ per common share, or $\$ 15.8$ million, which was paid on April 16, 2002.

Operating Activities - During the first quarter of 2002, net cash provided by operating activities was $\$ 20.6$ million. Net earnings of $\$ 15.6$ million provided most of the cash flows from operating activities.

Investing Activities - During the first quarter of 2002, net cash used in investing activities was $\$ 487.7$ million. Net cash flows of $\$ 330.5$ million, including principal repayments, was used in investing activities to acquire and originate mortgage loans and $\$ 172.8$ million was used to provide short-term advances warehouse advances to affiliates and external customers.

Financing Activities - During the first quarter of 2002, net cash provided by financing activities was $\$ 468.1$ million. Net cash flows of $\$ 319.3$ million was provided by CMO proceeds, $\$ 104.9$ million was provided by advances on warehouse lines, and $\$ 57.0$ million was provided by the issuance of common stock.

Inflation
The consolidated financial statements and corresponding notes to the consolidated financial statements have been prepared in accordance with GAAP, which require the measurement of financial position and operating results in terms of historical dollars without considering the changes in the relative purchasing power of money over time due to inflation. The impact of inflation is reflected in the increased costs of our operations. Unlike industrial companies, nearly all of our assets and liabilities are monetary in nature. As a result, interest rates have a greater impact on our performance than do the effects of general levels of inflation. Inflation affects our operations primarily through its effect on interest rates, since interest rates normally increase during periods of high inflation and decrease during periods of low inflation. During periods of increasing interest rates, demand for mortgage loans and a borrower's ability to qualify for mortgage financing in a purchase transaction may be adversely affected. During periods of decreasing interest rates, borrowers may prepay their mortgages, which in turn may adversely affect our yield and subsequently the value of our portfolio of mortgage assets.

ITEM 3: QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK
Securitizations/Sales - Hedging Interest Rate Risk. The most significant variable in the determination of gain on sale in a securitization is the spread between the weighted average coupon on the securitized loans and the pass-through interest rate. In the interim period between loan origination or purchase and securitization or sale of such loans, the Company is exposed to interest rate risk. Most of the loans are securitized or sold within 45 to 90 days of origination of purchase. However, a portion of the loans are held-for-sale or securitization for as long as 12 months (or longer, in very limited circumstances) prior to securitization or sale. If interest rates rise during the period that the mortgage loans are held, in the case of a securitization, the spread between the weighted average interest rate on the loans to be securitized and the pass-through interest rates on the securities to be sold (the latter having increased as a result of market rate movements) would narrow. Upon securitization or sale, this would result in a reduction of the Company's related gain or an increase in the Company's loss on sale.

Interest- and Principal-Only Strips. The Company had interest- and principal-only strips of $\$ 3.6$ million and $\$ 4.9$ million outstanding at March 31, 2002 and December 31, 2001, respectively. These instruments are carried at market value at March 31, 2002 and December 31, 2001. The Company values these assets based on the present value of future cash flow streams net of expenses using various assumptions.

These assets are subject to risk of accelerated mortgage prepayment or losses in excess of assumptions used in valuation. Ultimate cash flows realized from these assets would be reduced should prepayments or losses exceed assumptions used in the valuation. Conversely, cash flows realized would be greater should prepayments or losses be below expectations.

## ITEM 1: LEGAL PROCEEDINGS

The Company is a party to litigation and claims, which are normal in the course of its operations. While the results of such litigation and claims cannot be predicted with certainty, the Company believes the final outcome of such matters will not have a material adverse effect on the Company.

ITEM 2: CHANGES IN SECURITIES AND USE OF PROCEEDS
None.
ITEM 3: DEFAULTS UPON SENIOR SECURITIES
None.
ITEM 4: SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS
None.
ITEM 5: OTHER INFORMATION
None.
ITEM 6: EXHIBITS AND REPORTS ON FORM 8-K
(a) Exhibits: None.
(b) Reports on Form 8-K:

1. Form 8-K reporting Item 9 filed on January 4, 2002
2. Form $8-K$ reporting Items 5 and 7 filed on January 24, 2002
3. Form 8-K reporting Items 5 and 7 filed on February 8, 2002
4. Form 8-K reporting Item 9 filed on March 4, 2002
5. Form 8-K reporting Item 9 filed on March 28, 2002

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

IMPAC MORTGAGE HOLDINGS, INC.

By: /s/ Richard J. Johnson
Richard J. Johnson
Executive Vice President and Chief Financial Officer

Date: May 15, 2002

