MGIC


# MGIC Investment Corporation 

ANNUAL REPORT
2001

|  | $\underline{\mathbf{1 9 9 9}}$ | $\underline{\mathbf{2 0 0 0}}$ | $\underline{\mathbf{2 0 0 1}}$ |
| :--- | :---: | :---: | :---: |
| Net income (\$ millions) | 470.2 | 542.0 | $\mathbf{6 3 9 . 1}$ |
| Diluted earnings per share (\$) | 4.30 | 5.05 | $\mathbf{5 . 9 3}$ |
| Return on equity (\%) | 26.8 | 25.7 | $\mathbf{2 2 . 7}$ |




MGIC had another excellent year in 2001. On the way to achieving record earnings of $\$ 639$ million, we helped more than 600,000 families realize the dream of homeownership or lower their mortgage cost through refinancing. Once again our core product, private mortgage insurance, played a central role in the housing market by enabling families with less than a $20 \%$ down payment to purchase a home years sooner than would otherwise have been possible, thereby helping to boost our nation's homeownership rate to an all-time record of $68 \%$.

The market we serve, home mortgage finance, is one of the fastest growing sectors of our nation's economy. MGIC's results in 2001 reflect that growth. Our insurance in force grew a strong $15 \%$ and premiums exceeded $\$ 1$ billion for the first time in history, reinforcing MGIC's leadership position in the industry. We performed well in other key areas of our business as well. Our loss ratio was a low $15.4 \%$, and despite a $107 \%$ increase in new business volume to record levels, our expense ratio remained low at $16.5 \%$.

Financial strength and flexibility also improved. Our high-quality investment portfolio grew $17 \%$ to $\$ 4.1$ billion and loss reserves were increased to $\$ 614$ million. Shareholders' equity increased $23 \%$ to $\$ 3.0$ billion, our risk-to-capital ratio improved to 9.1 to 1 , and return on equity was a strong $22.7 \%$.

Looking ahead, we expect that 2002 will be another good year. New insurance written volume will be strong, but down from last year's record level, reflecting trends in the overall market. However, with continued stable interest rates, persistency should improve throughout the year, resulting in solid insurance in-force growth. Underwriting expenses are expected to decline as refinance volume slows. Claims paid, delinquencies and loss reserves are expected to increase, reflecting the normal aging of our large 1998 and 1999 books of business and the growth of our bulk business which is priced for higher delinquency levels.

Over the longer term, MGIC's growth prospects are excellent. Strong demographics and an increasing homeownership rate will create growing demand for our product. Immigrants and minorities, who will represent a disproportionately large segment of record population growth and new homeowners over the next several decades, will benefit from mortgage insurance to achieve their dream of homeownership.

We have developed strengths in four key areas of our business that will allow us to capitalize on the growth opportunity ahead: market leadership - we lead the industry by a wide margin in market share; risk management - our expertise in this area has translated into claim rates which have been $10 \%$ to $50 \%$ below the rest of the industry; productivity - MGIC's expense ratio is the lowest in the industry; and effective capital management - our capital position is stronger than any of our stand-alone competitors.

MGIC continues to make significant investments in technology to further leverage each of the operating strengths I have just described, and to help reinforce our competitive advantage. We have leveraged our technology expertise and knowledge of the mortgage finance business to create products and services like eMagic.com and Defender. These products bring considerable value to our customers by helping them increase their profitability. Over the past year, the number of originators using eMagic has increased nearly six-fold to 8,400 and annualized transaction volume is up almost $500 \%$ to 211,000 . Defender is currently used by mortgage servicers whose servicing portfolios total more than $\$ 1$ trillion, nearly one-fourth of the U. S. mortgage market.

In closing, I want to acknowledge MGIC's most important strength - its people. This past year was one of the most challenging in recent memory. As always, MGIC co-workers were up to the challenge, successfully processing record volumes of new business and policy cancellations while continuing to improve productivity, maintaining a high level of customer service, expanding MGIC's market share lead and delivering high returns for our shareholders.

Sincerely,
Custs Antwer

Curt S. Culver<br>President and Chief Executive Officer

## Five-Year Summary of Financial Information

|  | 2001 |  | 2000 |  | 1999 |  | 1998 |  | 1997 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (In thousan | f | llars, excep | er | are data) |  |  |
| Summary of Operations |  |  |  |  |  |  |  |  |  |
| Revenues: |  |  |  |  |  |  |  |  |  |
| Net premiums written...................................... ${ }^{\text {\$ }}$ | 1,036,353 | \$ | 887,388 | \$ | 792,345 | \$ | 749,161 | \$ | 690,248 |
| Net premiums earned....................................... \$ | 1,042,267 | \$ | 890,091 | \$ | 792,581 | \$ | 763,284 | \$ | 708,744 |
| Investment income, net..................................... | 204,393 |  | 178,535 |  | 153,071 |  | 143,019 |  | 123,602 |
| Realized investment gains, net ........................... | 37,352 |  | 1,432 |  | 3,406 |  | 18,288 |  | 3,261 |
| Other revenue ............. | 73,829 |  | 40,283 |  | 47,697 |  | 47,075 |  | 32,665 |
| Total revenues. | 1,357,841 |  | 1,110,341 |  | 996,755 |  | 971,666 |  | 868,272 |
| Losses and expenses: |  |  |  |  |  |  |  |  |  |
| Losses incurred, net ......................................... | 160,814 |  | 91,723 |  | 97,196 |  | 211,354 |  | 242,362 |
| Underwriting and other expenses ....................... | 234,494 |  | 177,837 |  | 198,147 |  | 187,103 |  | 154,138 |
| Interest expense.. | 30,623 |  | 28,759 |  | 20,402 |  | 18,624 |  | 6,399 |
| Litigation settlement. | - |  | 23,221 |  | - |  | - |  | - |
| Total losses and expenses. | 425,931 |  | 321,540 |  | 315,745 |  | 417,081 |  | 402,899 |
| Income before tax.. | 931,910 |  | 788,801 |  | 681,010 |  | 554,585 |  | 465,373 |
| Provision for income tax. | 292,773 |  | 246,802 |  | 210,809 |  | 169,120 |  | 141,623 |
| Net income....................................................... \$ | 639,137 | \$ | 541,999 | \$ | 470,201 | \$ | 385,465 | \$ | 323,750 |
| Weighted average common shares outstanding (in thousands) $\qquad$ | 107,795 |  | 107,260 |  | 109,258 |  | 113,582 |  | 117,924 |
| Diluted earnings per share ................................... \$ | 5.93 | \$ | 5.05 | \$ | 4.30 | \$ | 3.39 | \$ | 2.75 |
| Dividends per share............................................ \$ | . 10 | \$ | . 10 | \$ | . 10 | \$ | . 10 | \$ | . 095 |
| Balance sheet data |  |  |  |  |  |  |  |  |  |
| Total investments ............................................ \$ | 4,069,447 | \$ | 3,472,195 | \$ | 2,789,734 | \$ | 2,779,706 | \$ | 2,416,740 |
| Total assets .................................................... | 4,567,012 |  | 3,857,781 |  | 3,104,393 |  | 3,050,541 |  | 2,617,687 |
| Loss reserves ................................................. | 613,664 |  | 609,546 |  | 641,978 |  | 681,274 |  | 598,683 |
| Short- and long-term debt................................. | 472,102 |  | 397,364 |  | 425,000 |  | 442,000 |  | 237,500 |
| Shareholders' equity....................................... | 3,020,187 |  | 2,464,882 |  | 1,775,989 |  | 1,640,591 |  | 1,486,782 |
| Book value per share ....................................... | 28.47 |  | 23.07 |  | 16.79 |  | 15.05 |  | 13.07 |

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## Five-Year Summary of Financial Information

|  | 2001 | 2000 |  | 1999 |  | 1998 |  | 1997 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New primary insurance written (\$ millions)........ \$ | 86,122 | \$ | 41,546 | \$ | 46,953 | \$ | 43,697 | \$ | 32,250 |
| New primary risk written (\$ millions)................. | 21,038 |  | 10,353 |  | 11,422 |  | 10,850 |  | 8,305 |
| New pool risk written (\$ millions)....................... | 412 |  | 345 |  | 564 |  | 618 |  | 394 |
| Insurance in force (at year-end) (\$ millions) |  |  |  |  |  |  |  |  |  |
| Direct primary insurance.................................. | 183,904 |  | 160,192 |  | 147,607 |  | 137,990 |  | 138,497 |
| Direct primary risk........................................... | 42,678 |  | 39,090 |  | 35,623 |  | 32,891 |  | 32,175 |
| Direct pool risk .............................................. | 1,950 |  | 1,676 |  | 1,557 |  | 1,133 |  | 590 |
| Primary loans in default ratios |  |  |  |  |  |  |  |  |  |
| Policies in force.............................................. | 1,580,283 |  | 1,448,348 |  | 1,370,020 |  | 1,320,994 |  | 1,342,976 |
| Loans in default.. | 54,653 |  | 37,422 |  | 29,761 |  | 29,253 |  | 28,493 |
| Percentage of loans in default . | 3.46\% |  | 2.58\% |  | 2.17\% |  | 2.21\% |  | 2.12\% |
| Percentage of loans in default - bulk (1)............ | 8.59\% |  | 9.02\% |  | 8.04\% |  | - |  | - |
| Insurance operating ratios (GAAP) |  |  |  |  |  |  |  |  |  |
| Loss ratio... | 15.4\% |  | 10.3\% |  | 12.3\% |  | 27.7\% |  | 34.2\% |
| Expense ratio.. | 16.5\% |  | 16.4\% |  | 19.7\% |  | 19.6\% |  | 18.4\% |
| Combined ratio. | 31.9\% |  | 26.7\% |  | 32.0\% |  | 47.3\% |  | 52.6\% |
| Risk-to-capital ratio (statutory) |  |  |  |  |  |  |  |  |  |
| MGIC......................................................... | 9.1:1 |  | 10.6:1 |  | 11.9:1 |  | 12.9:1 |  | 15.7:1 |

(1) Information relating to bulk defaults in 1997 and 1998 is not separately presented and is not material.

## Results of Consolidated Operations

## 2001 Compared with 2000

Net income for 2001 was $\$ 639.1$ million, compared with $\$ 542.0$ million in 2000, an increase of $18 \%$. Diluted earnings per share was $\$ 5.93$ for 2001 compared with $\$ 5.05$ in 2000. Included in diluted earnings per share for 2001 was $\$ 0.23$ for realized gains. The 2000 earnings per share included $\$ 0.01$ for realized gains and a $\$ 0.14$ charge for the RESPA settlement made in the fourth quarter of 2000. See "Other Matters" below. Earnings per share excluding amounts for realized gains in 2000 and 2001 and excluding the RESPA settlement in 2000 was $\$ 5.70$ for 2001, compared to $\$ 5.18$ for 2000, an increase of $10 \%$. Earnings per share excluding amounts for realized gains increased $15 \%$ during the first half of 2001 compared to 2000 , and earnings per share excluding amounts for realized gains and the RESPA settlement increased 5\% during the second half of 2001 compared to the second half of 2000. As used in this report, the term "Company" means the Company and its consolidated subsidiaries, which do not include joint ventures in which the Company has an equity interest.

Total revenues for 2001 were $\$ 1,357.8$ million, an increase of $22 \%$ from the $\$ 1,110.3$ million for 2000. This increase was primarily attributable to an increase in new business writings, which included $\$ 25.7$ billion of bulk transactions. Also contributing to the increase in revenues was an increase in investment income resulting from strong cash flows and increases in realized gains and other revenue. See below for a further discussion of premiums, investment income and other revenue.

Losses and expenses for 2001 were $\$ 425.9$ million, an increase of $32 \%$ from $\$ 321.5$ million for the same period of 2000. The increase from last year can be attributed to an increase in losses related to an increase in notice inventories and an increase in expenses related to increases in insured volume and in contract underwriting. See below for a further discussion of losses incurred and underwriting expenses.

The amount of new primary insurance written by Mortgage Guaranty Insurance Corporation ("MGIC") during 2001 was $\$ 86.1$ billion, compared with $\$ 41.5$ billion in 2000. Refinancing activity increased to
$42 \%$ of new primary insurance written in 2001 on a flow basis (or $\$ 25.1$ billion), compared to $13 \%$ in 2000 (or $\$ 4.6$ billion) as a result of the decreasing mortgage interest rate environment in 2001. New primary insurance written in bulk transactions increased to 30\% of new primary insurance written in 2001 compared to $17 \%$ in 2000 , reflecting the increasing use of mortgage insurance in certain mortgage securitizations and MGIC's share of this market. A portion of the loans insured in bulk transactions are refinance loans.

The $\$ 86.1$ billion of new primary insurance written during 2001 was offset by the cancellation of $\$ 62.4$ billion of insurance in force, and resulted in a net increase of $\$ 23.7$ billion in primary insurance in force, compared to new primary insurance written of $\$ 41.5$ billion, cancellation of $\$ 28.9$ billion, and a net increase of $\$ 12.6$ billion in insurance in force during 2000. Direct primary insurance in force was $\$ 183.9$ billion at December 31, 2001, compared to $\$ 160.2$ billion at December 31, 2000.

In addition to providing direct primary insurance coverage, the Company also insures pools of mortgage loans. New pool risk written during 2001 and 2000, which was virtually all agency pool insurance, was $\$ 411.7$ million and $\$ 345.5$ million, respectively. The Company's direct pool risk in force at December 31, 2001 was $\$ 2.0$ billion compared to $\$ 1.7$ billion at December 31, 2000.

Cancellation activity has historically been affected by the level of mortgage interest rates, with cancellations generally moving inversely to the change in the direction of interest rates. Cancellations increased during 2001 compared to the cancellation levels of 2000 principally due to the lower mortgage interest rate environment which resulted in a decrease in the MGIC persistency rate (percentage of insurance remaining in force from one year prior) to $61.0 \%$ at December 31, 2001, from $80.4 \%$ at December 31, 2000. Future cancellation activity could also be somewhat higher than it otherwise would have been as a result of legislation that went into effect in July 1999 regarding cancellation of mortgage insurance. Cancellation activity could also increase as more of the Company's bulk loans season. The Company anticipates that the bulk loans will have
materially lower persistency than the Company's flow business.

New insurance written for bulk transactions was $\$ 25.7$ billion during 2001 compared to $\$ 7.0$ billion for 2000 and $\$ 2.2$ billion for 1999 . The Company does not anticipate that the level of growth in the bulk business during the last three years will continue in 2002. The Company expects that the loans that are included in bulk transactions will have delinquency and claim rates in excess of those on the Company's flow business. While the Company believes it has priced its bulk business to generate acceptable returns, there can be no assurance that the assumptions underlying the premium rates adequately address the risk and persistency of this business.

Net premiums written increased $17 \%$ to $\$ 1,036.4$ million in 2001 , from $\$ 887.4$ million in 2000 . Net premiums earned increased $17 \%$ to $\$ 1,042.3$ million in 2001, from $\$ 890.1$ million in 2000. The increases were primarily a result of the growth in insurance in force and a higher percentage of renewal premiums on products with higher premium rates offset in part by an increase in ceded premiums to $\$ 65.3$ million in 2001, compared to $\$ 52.9$ million in 2000, primarily due to an increase in captive mortgage reinsurance.

Mortgages (newly insured during 2001 or 2000) equal to approximately $27 \%$ of MGIC's new insurance written during 2001 were subject to captive mortgage reinsurance and similar arrangements compared to $33 \%$ during 2000. Such arrangements entered into during a reporting period customarily include loans newly insured in a prior reporting period. As a result, the percentages cited above would be lower if only the current reporting period's newly insured mortgages subject to such arrangements were included. At December 31, 2001 approximately $24 \%$ of MGIC's risk in force was subject to captive reinsurance and similar arrangements compared to $21 \%$ at December 31, 2000. The amount of premiums ceded under captive mortgage reinsurance arrangements and the amount of risk in force subject to such arrangements are expected to continue to increase.

Investment income for 2001 was $\$ 204.4$ million, an increase of $14 \%$ over the $\$ 178.5$ million in 2000. This increase was primarily the result of an increase in the
amortized cost of average investment assets to $\$ 3.7$ billion for 2001, from $\$ 3.1$ billion for 2000, an increase of $18 \%$. The portfolio's average pre-tax investment yield was $5.4 \%$ and $6.0 \%$ at December 31, 2001 and 2000, respectively. The portfolio's average after-tax investment yield was $4.6 \%$ and $4.9 \%$ at December 31, 2001 and 2000, respectively. The Company realized gains of $\$ 37.4$ million during 2001 compared to $\$ 1.4$ million in 2000, resulting primarily from the sale of corporate and taxable municipal securities.

Other revenue, which is composed of various components, was $\$ 73.8$ million in 2001, compared with $\$ 40.3$ million in 2000. The increase is primarily the result of an increase in contract underwriting revenue and increases in equity earnings from Credit-Based Asset Servicing and Securitization LLC ("C-BASS") and Sherman Financial Group LLC, ("Sherman"), joint ventures with Radian Group Inc. ("Radian").

C-BASS engages in the acquisition and resolution of delinquent single-family residential mortgage loans ("mortgage loans"). C-BASS also purchases and sells mortgage-backed securities ("mortgage securities"), interests in real estate mortgage investment conduit residuals and performs mortgage loan servicing. In addition, C-BASS issues mortgage-backed debt securities collateralized by mortgage loans and mortgage securities. C-BASS's results of operations are affected by the timing of these securitization transactions. Substantially all of C-BASS's mortgage-related assets do not have readily ascertainable market values and as a result their value for financial statement purposes is estimated by the management of C-BASS. This valuation is made by C-BASS management in connection with each release of financial statements. In the case of assets that are residual interests in securitizations, these estimates reflect the net present value of the future cash flows from these assets, which in turn depend on, among other things, estimates of the level of losses on the underlying mortgages and prepayment activity by the mortgage borrowers. Market value adjustments could impact C-BASS's results of operations and the Company's share of those results.

Total combined assets of C-BASS at December 31, 2001 and 2000 were approximately $\$ 1.3$ billion and
$\$ 1.0$ billion, respectively, of which approximately $\$ 1,071$ million and $\$ 867$ million, respectively, were mortgage-related assets, including open trades. Total liabilities at December 31, 2001 and 2000 were approximately $\$ 981$ million and $\$ 765$ million, respectively, of which approximately $\$ 938$ million and $\$ 746$ million, respectively, were funding arrangements, including accrued interest, virtually all of which were short-term. For the years ended December 31, 2001 and 2000 , revenues of approximately $\$ 216$ million and $\$ 153$ million, respectively, and expenses of approximately $\$ 130$ million and $\$ 97$ million, respectively, resulted in income before tax of approximately $\$ 86$ million and $\$ 56$ million, respectively.

Sherman is engaged in the business of purchasing, servicing and securitizing delinquent unsecured consumer assets such as credit card loans and Chapter 13 bankruptcy debt. A substantial portion of Sherman's consolidated assets are investments in receivable portfolios that do not have readily ascertainable market values. Initially the portfolios are valued at cost. Subsequently their value for financial statement purposes is estimated by the management of Sherman based on the estimated future cash flow from the portfolios. The assets are valued by Sherman's management each time financial statements are released. Market value adjustments could impact Sherman's results of operations and the Company's share of those results.

Because C-BASS and Sherman are accounted for by the equity method, they are not consolidated with the Company and their assets and liabilities do not appear in the Company's balance sheet. The "investments in joint ventures" item in the Company's balance sheet reflects the amount of capital contributed by the Company to the joint ventures plus the Company's share of their net income (or minus its share of their net loss) and minus capital distributed to the Company by the joint ventures.

As discussed in "Note 2 - Loss Reserves" to the Company's consolidated financial statements, consistent with industry practice, loss reserves for future claims are established only for loans that are currently delinquent. (The terms "delinquent" and "default" are used interchangeably by the Company.) Loss reserves are established by management's estimating the number of
loans in the Company's inventory of delinquent loans that will not cure their delinquency (historically, a substantial majority of delinquent loans have cured), which is referred to as the claim rate, and further estimating the amount that the Company will pay in claims on the loans that do not cure, which is referred to as claim severity. Estimation of losses that the Company will pay in the future is inherently judgmental. The conditions that affect the claim rate and claim severity include the current and future state of the domestic economy and the current and future strength of local housing markets.

Net losses incurred increased $75 \%$ to $\$ 160.8$ million in 2001 , from $\$ 91.7$ million in 2000. The increase was due to an increase in the primary notice inventory related to bulk default activity, which in turn was the result of the higher volume of bulk business; the maturation of the relatively large 1998 and 1999 books of business, which had entered their peak delinquency periods; and defaults arising from the early development of the 2000 book of business. The primary insurance notice inventory increased from 37,422 at December 31, 2000 to 54,653 at December 31, 2001 and pool notice inventory increased from 18,209 at December 31, 2000 to 23,623 at December 31, 2001. Included in the notice inventory was the bulk notice inventory of 18,460 at December 31, 2001 and 7,533 at December 31, 2000. The default rate at December 31, 2001 was $3.46 \%$ compared to $2.58 \%$ at December 31, 2000. Excluding bulk defaults, the default rates were $2.65 \%$ and $2.19 \%$ at December 31, 2001 and 2000, respectively. The default rate on bulk loans were $8.59 \%$ and $9.02 \%$ at December 31, 2001 and 2000, respectively. The Company does not view the decline in the bulk loan default rate as meaningful and expects that each of the default rates reported above will increase in the future. The average claim paid for 2001 was $\$ 18,607$ compared to $\$ 18,977$ in 2000. The redundancy in loss reserves in 2001 of $\$ 212.1$ million was relatively consistent with 2000's redundancy of $\$ 229.0$ million. Loss reserves are redundant when the estimate of the losses that would be paid in the future on loans in the default inventory at the end of the prior year exceeds the losses that were paid on those loans during the subsequent year, and are deficient when the losses paid during the subsequent year exceed the estimate. See "Note 6 - Loss

Reserves" to the Company's consolidated financial statements.

At December 31, 2001, $69 \%$ of the primary insurance in force was written during the last three years, compared to $67 \%$ at December 31, 2000. Based on all of the loans in the Company's insurance in force, the highest claim frequency years have typically been the third through fifth years after the year of loan origination. However, the pattern of claims frequency for refinance loans may be different from this historical pattern and the Company expects the period of highest claims frequency on bulk transaction loans will occur earlier than in this historical pattern.

Underwriting and other expenses increased to $\$ 234.5$ million in 2001 from $\$ 177.8$ million in 2000, an increase of $32 \%$. The increase can be attributed to increases in both insurance and non-insurance expenses related to increased volume and contract underwriting.

Interest expense in 2001 increased to $\$ 30.6$ million from $\$ 28.8$ million in 2000 due to slightly higher weighted average interest rates in 2001 compared to 2000 , and higher weighted average balances.

The consolidated insurance operations loss ratio was $15.4 \%$ for 2001 compared to $10.3 \%$ for 2000 . The consolidated insurance operations expense and combined ratios were $16.5 \%$ and $31.9 \%$, respectively, for 2001 compared to $16.4 \%$ and $26.7 \%$, respectively, for 2000.

The effective tax rate was $31.4 \%$ in 2001, compared with $31.3 \%$ in 2000. During both years, the effective tax rate was below the statutory rate of $35 \%$, reflecting the benefits of tax-preferenced investment income. The higher effective tax rate in 2001 resulted from a lower percentage of total income before tax being generated from tax-preferenced investments in 2001.

## Other Matters

In June 2001, the Federal District Court for the Southern District of Georgia, before which Downey et. al. v. MGIC was pending, issued a final order approving a settlement agreement and certified a nationwide class of borrowers. In the fourth quarter of 2000, the Company
recorded a $\$ 23.2$ million charge to cover the estimated costs of the settlement, including payments to borrowers. Due to appeals of related orders denying certain class members the right to intervene to challenge certain aspects of the settlement in Downey and two related cases, payments to borrowers in the settlement are delayed pending the outcome of the appeals. The settlement includes an injunction that prohibits certain practices and specifies the basis on which agency pool insurance, captive mortgage reinsurance, contract underwriting and other products may be provided in compliance with the Real Estate Settlement Procedures Act, which is known as RESPA. There can be no assurance that the standards established by the injunction will be determinative of compliance with RESPA were additional litigation to be brought in the future.

The complaint in the case alleges that MGIC violated the Real Estate Settlement Procedures Act by providing agency pool insurance, captive mortgage reinsurance, contract underwriting and other products that were not properly priced, in return for the referral of mortgage insurance. The complaint seeks damages of three times the amount of the mortgage insurance premiums that have been paid and that will be paid at the time of judgment for the mortgage insurance found to be involved in a violation of the Real Estate Settlement Procedures Act. The complaint also seeks injunctive relief, including prohibiting MGIC from receiving future premium payments. If the settlement is not fully implemented, the litigation will continue. In these circumstances, there can be no assurance that the ultimate outcome of the litigation will not materially affect the Company's financial position or results of operations.

In the third quarter of 2001, the Office of Federal Housing Enterprise Oversight ("OFHEO") adopted a risk-based capital stress test for the GSEs. One of the elements of the stress test is that future claim payments made by a private mortgage insurer on GSE loans are reduced below the amount provided by the mortgage insurance policy to reflect the risk that the insurer will fail to pay. Claim payments from an insurer whose claims-paying ability rating is 'AAA' were subject to a $5 \%$ reduction over the 10 -year period of the stress test, while claim payments from a 'AA' rated insurer, such as

MGIC, were subject to a $15 \%$ reduction. In February 2002, OFHEO adopted amendments to the stress test that reduced the differential between 'AAA' and ' AA ' rated mortgage insurers to $5.25 \%$. The effect of the differentiation among insurers is to require the GSEs to have additional capital for coverage on loans provided by a private mortgage insurer whose claims-paying rating is less than 'AAA.' As a result, there is an incentive for the GSEs to use private mortgage insurance provided by a 'AAA' rated insurer.

## 2000 Compared with 1999

Net income for 2000 was $\$ 542.0$ million, compared with $\$ 470.2$ million in 1999, an increase of $15 \%$. Diluted earnings per share was $\$ 5.05$ for 2000 compared with $\$ 4.30$ in 1999. Included in diluted earnings per share for 2000 were a $\$ 0.14$ charge for the RESPA settlement agreement and $\$ 0.01$ for realized gains. The 1999 earnings per share included $\$ 0.02$ for realized gains and $\$ 0.10$ for loss reserve reductions made in the fourth quarter of 1999. Excluding the aforementioned amounts, earnings per share was $\$ 5.18$ for 2000, compared to $\$ 4.18$ for 1999 , an increase of $24 \%$.

Total revenues for 2000 were $\$ 1,110.3$ million, an increase of $11 \%$ from the $\$ 996.8$ million for 1999. This increase was primarily attributed to an improvement in persistency, which generated an increase in renewal premiums. Also contributing to the increase in revenues was an increase in investment income resulting from strong cash flows. See below for a further discussion of premiums and investment income.

Losses and expenses for 2000 were $\$ 321.5$ million, an increase of $2 \%$ from $\$ 315.7$ million for the same period of 1999. The increase was primarily attributed to the RESPA settlement, offset by a decline in underwriting expenses resulting from a decline in contract underwriting activity and an increase in deferred insurance policy acquisition costs.

The amount of new primary insurance written by MGIC during 2000 was $\$ 41.5$ billion, compared with $\$ 47.0$ billion in 1999 . Refinancing activity decreased to $13 \%$ of new primary insurance written in 2000, compared to $25 \%$ in 1999 as a result of the increasing mortgage interest rate environment of the second half of

1999 and in 2000. New insurance written for bulk transactions was $17 \%$ of new insurance written during 2000 compared to $5 \%$ for 1999.

The $\$ 41.5$ billion of new primary insurance written during 2000 was offset by the cancellation of $\$ 28.9$ billion of insurance in force, and resulted in a net increase of $\$ 12.6$ billion in primary insurance in force, compared to new primary insurance written of $\$ 47.0$ billion, cancellation of $\$ 37.4$ billion, and a net increase of $\$ 9.6$ billion in insurance in force during 1999. Direct primary insurance in force was $\$ 160.2$ billion at December 31, 2000, compared to $\$ 147.6$ billion at December 31, 1999.

New pool risk written during 2000 and 1999, which was virtually all agency pool insurance, was $\$ 345.5$ million and $\$ 563.8$ million, respectively. The Company's direct pool risk in force at December 31, 2000 was $\$ 1.7$ billion compared to $\$ 1.6$ billion at December 31, 1999.

Cancellations decreased during 2000 due to increasing mortgage interest rates which resulted in an increase in the MGIC persistency rate (percentage of insurance remaining in force from one year prior) to $80.4 \%$ at December 31, 2000, from 72.9\% at December 31, 1999.

Net premiums written increased $12 \%$ to $\$ 887.4$ million in 2000, from $\$ 792.3$ million in 1999. Net premiums earned increased $12 \%$ to $\$ 890.1$ million in 2000 , from $\$ 792.6$ million in 1999. The increases were primarily a result of a higher percentage of renewal premiums on products with higher premium rates and the growth in insurance in force offset by an increase in ceded premiums to $\$ 52.9$ million in 2000, compared to $\$ 26.2$ million in 1999, primarily due to an increase in captive mortgage reinsurance and similar arrangements.

Mortgages (newly insured during 2000 or 1999) equal to approximately $33 \%$ of MGIC's new insurance written during 2000 were subject to captive mortgage reinsurance and similar arrangements compared to $32 \%$ during 1999. At December 31, 2000 approximately $21 \%$ of MGIC's risk in force was subject to captive reinsurance and similar arrangements compared to $15 \%$ at December 31, 1999.

Investment income for 2000 was $\$ 178.5$ million, an increase of $17 \%$ over the $\$ 153.1$ million in 1999 . This increase was primarily the result of an increase in the amortized cost of average investment assets to $\$ 3.1$ billion for 2000 , from $\$ 2.7$ billion for 1999 , an increase of $13 \%$. The portfolio's average pre-tax investment yield was $6.0 \%$ and $5.6 \%$ at December 31, 2000 and 1999, respectively. The portfolio's average after-tax investment yield was $4.9 \%$ in 2000 and 1999. The Company realized gains of $\$ 1.4$ million during 2000 compared to $\$ 3.4$ million in 1999.

Other revenue was $\$ 40.3$ million in 2000, compared with $\$ 47.7$ million in 1999. The change is primarily the result of decreases in contract underwriting and FHA fee revenue (a contract with the FHA was completed in 1999) and an increase in equity losses for Customers Forever LLC, a joint venture with Marshall \& Ilsley Corporation, which were offset by increases in equity earnings from C-BASS and Sherman.

Total combined assets of C-BASS at December 31, 2000 and 1999 were approximately $\$ 1.0$ billion and $\$ 934$ million, respectively, of which approximately $\$ 867$ million and $\$ 773$ million, respectively, were mortgage-related assets, including open trades. Total liabilities at December 31, 2000 and 1999 were approximately $\$ 765$ million and $\$ 744$ million, respectively, of which approximately $\$ 746$ million and $\$ 617$ million, respectively, were funding arrangements, including accrued interest, virtually all of which were short-term. For the years ended December 31, 2000 and 1999, revenues of approximately $\$ 153$ million and $\$ 112$ million, respectively, and expenses of approximately $\$ 97$ million and $\$ 72$ million, respectively, resulted in income before tax of approximately $\$ 56$ million and $\$ 40$ million, respectively.

Net losses incurred decreased $6 \%$ to $\$ 91.7$ million in 2000, from $\$ 97.2$ million in 1999. Such decrease was primarily due to generally strong economic conditions, including in California, and a related decline in losses paid which led the Company to reduce its estimate of the claim rate and the severity (the "reserve factors") for loans in the primary and pool notices inventory. Partially offsetting the reduction in reserve factors was an increase in the primary insurance notice inventory from 29,761 at December 31, 1999 to 37,422 at

December 31, 2000, primarily reflecting an increase in notices related to bulk transactions, and an increase in pool insurance notice inventory from 11,638 at December 31, 1999 to 18,209 at December 31, 2000. Included in the notice inventory was the bulk notice inventory of 7,533 at December 31, 2000 and 2,699 at December 31, 1999. The default rate at December 31, 2000 was $2.58 \%$ compared to $2.17 \%$ at December 31, 1999. Excluding bulk defaults, the default rates were $2.19 \%$ and $2.02 \%$ for 2000 and 1999 , respectively. The default rate on bulk loans were $9.02 \%$ and $8.04 \%$ at December 31, 2000 and 1999, respectively. The average claim paid for 2000 was $\$ 18,977$ compared to $\$ 19,444$ in 1999. The redundancy in loss reserves for 2000 was relatively consistent with that experienced in 1999.

At December 31, 2000, $67 \%$ of the primary insurance in force was written during the last three years, compared to 65\% at December 31, 1999.

Underwriting and other expenses decreased to $\$ 177.8$ million in 2000 from $\$ 198.1$ million in 1999 , a decrease of $10 \%$. This decrease was primarily due to decreases in contract underwriting and an increase in deferred insurance policy acquisition costs.

Interest expense in 2000 increased to $\$ 28.8$ million from $\$ 20.4$ million in 1999 due to higher weighted average interest rates in 2000 compared to 1999.

The consolidated insurance operations loss ratio was $10.3 \%$ for 2000 compared to $12.3 \%$ for 1999 . The consolidated insurance operations expense and combined ratios were $16.4 \%$ and $26.7 \%$, respectively, for 2000 compared to $19.7 \%$ and $32.0 \%$, respectively, for 1999.

The effective tax rate was $31.3 \%$ in 2000 , compared with $31.0 \%$ in 1999. During both years, the effective tax rate was below the statutory rate of $35 \%$, reflecting the benefits of tax-preferenced investment income. The higher effective tax rate in 2000 resulted from a lower percentage of total income before tax being generated from tax-preferenced investments in 2000.

## Financial Condition

Consolidated total investments increased approximately $\$ 597$ million to $\$ 4.1$ billion at December 31, 2001 from $\$ 3.5$ billion at December 31, 2000, primarily due to positive net cash flow offset by unrealized losses on securities marked to market of $\$ 33$ million. The Company generated consolidated cash flows from operating activities of $\$ 626.1$ million during 2001, compared to $\$ 551.0$ million generated during 2000 . The increase in operating cash flows during 2001 compared to 2000 is due primarily to increases in new business renewal premiums, investment income and other revenue (which includes contract underwriting revenue).

As of December 31, 2001, the Company had $\$ 160.0$ million of short-term investments with maturities of 90 days or less, and $72 \%$ of the portfolio was invested in tax-preferenced securities. In addition, at December 31, 2001, based on book value, the Company's fixed income securities were approximately $98 \%$ invested in ' A ' rated and above, readily marketable securities, concentrated in maturities of less than 15 years. At December 31, 2001 the Company had $\$ 20.7$ million of investments in equity securities compared to $\$ 22.0$ million at December 31, 2000.

At December 31, 2001, the Company had no derivative financial instruments in its investment portfolio. The Company places its investments in instruments that meet high credit quality standards, as specified in the Company's investment policy guidelines; the policy also limits the amount of credit exposure to any one issue, issuer and type of instrument. At December 31, 2001, the average duration of the Company's investment portfolio was 5.5 years. The effect of a $1 \%$ increase/ decrease in market interest rates would result in a $5.5 \%$ decrease/increase in the value of the Company's fixed income portfolio.

The Company's investments in joint ventures increased $\$ 22.9$ million from $\$ 138.8$ million at December 31, 2000 to $\$ 161.7$ million at December 31, 2001 as a result of equity earnings of $\$ 28.1$ million and additional investments of $\$ 15.0$ million offset by dividends received of $\$ 20.2$ million. As discussed under "Results of Consolidated Operations - 2001 Compared with

2000," the joint ventures are reported on the equity method. Only the Company's investment in the joint ventures appears on the Company's balance sheet.

Consolidated loss reserves increased to $\$ 613.7$ million at December 31, 2001 from $\$ 609.5$ million at December 31, 2000, reflecting increases in the primary and pool insurance notice inventories. Consistent with industry practices, the Company does not establish loss reserves for future claims on insured loans which are not currently in default. For additional discussion of loss reserves, see "Results of Consolidated Operations 2001 Compared with 2000."

Consolidated unearned premiums decreased $\$ 6.2$ million from $\$ 180.7$ million at December 31, 2000, to $\$ 174.5$ million at December 31, 2001, primarily reflecting the continued high level of monthly premium policies written for which there is no unearned premium.

Consolidated shareholders' equity increased to $\$ 3.0$ billion at December 31, 2001, from $\$ 2.5$ billion at December 31, 2000, an increase of $23 \%$. This increase consisted of $\$ 639.1$ million of net income during 2001 and $\$ 29.5$ million from the reissuance of treasury stock offset by unrealized losses on investments, net of tax, of $\$ 21.3$ million, unrealized losses on derivatives, net of tax, of $\$ 7.8$ million, the repurchase of $\$ 73.5$ million of outstanding common shares and dividends declared of $\$ 10.7$ million.

## Liquidity and Capital Resources

The Company's consolidated sources of funds consist primarily of premiums written and investment income. Funds are applied primarily to the payment of claims and expenses. Approximately $70 \%$ of underwriting expenses are personnel-related costs, most of which are considered by the Company to be fixed costs over the short term. Approximately 5\% of operating expenses relate to occupancy costs, which are fixed costs. Substantially all of the remaining operating expenses are considered by the Company to be variable in nature, with data processing costs and taxes, licenses and fees representing approximately $3 \%$ and $9 \%$, respectively, of total operating expenses. The Company generated positive operating cash flows of approximately $\$ 626.1$ million, $\$ 551.0$ million and $\$ 455.0$ million in

2001, 2000 and 1999, respectively, as shown on the Consolidated Statement of Cash Flows. Positive cash flows are invested pending future payments of claims and other expenses. Cash-flow shortfalls, if any, at the Company's insurance subsidiaries could be funded through sales of short-term investments and other investment portfolio securities. Substantially all of the investment portfolio securities are held by the Company's insurance subsidiaries.

During the first quarter of 2001, the Company established a $\$ 200$ million commercial paper program, which was rated 'A-1' by Standard and Poors ("S\&P") and 'P-1' by Moody's. At December 31, 2001, the Company had $\$ 172.1$ million in commercial paper outstanding with a weighted average interest rate of $1.91 \%$. S\&P affirmed the 'A-1' rating in February 2002. If the Company's commercial paper rating were to fall below ' $\mathrm{A}-1$ ' or ' $\mathrm{P}-1$,' the Company would likely have difficulty selling commercial paper and any commercial paper that could be sold would require an interest rate in excess of the ' $\mathrm{A}-1 / \mathrm{P}-1$ ' rating.

The Company has credit facilities under which $\$ 200$ million was available at December 31, 2001, with $\$ 100$ million expiring in 2003 and $\$ 100$ million expiring in 2004. Under the terms of the credit facilities, the Company must maintain shareholders' equity of at least $\$ 1$ billion and MGIC must maintain a claims paying ability rating of 'AA-' or better with S\&P. At December 31, 2001, the Company had shareholders' equity of $\$ 3.02$ billion and MGIC had a claims paying ability rating of 'AA+' from S\&P. (S\&P affirmed the 'AA+' rating in February 2002.) These facilities are currently being used as liquidity back up facilities for the outstanding commercial paper. The remaining credit available under these facilities after reduction for the amount necessary to support the commercial paper was $\$ 27.9$ million at December 31, 2001. The Company had $\$ 98$ million outstanding under the credit facility at December 31, 2000.

In June of 2000, the Company filed a $\$ 500$ million public debt shelf registration statement. During the fourth quarter of 2000, the Company issued, in public offerings, $\$ 300$ million, $7^{1} / 2 \%$ Senior Notes due in 2005. The notes are unsecured and were rated 'A1' by Moody's and 'A+' by S\&P. The Company had Senior

Notes outstanding of $\$ 300$ million at December 31, 2001 and 2000.

The proceeds of the commercial paper and the Senior Notes were used to fund the repurchase of Common Stock. In January 2002, the Company announced a new share repurchase program covering up to 5.5 million shares in addition to the 800,000 shares remaining from the prior repurchase program. Funds for shares to be purchased in the future are expected to be provided from a combination of internally generated funds and borrowings. From mid-1997 until the end of 2001, the Company repurchased 15.0 million shares of Common Stock at a cost of $\$ 775.5$ million.

The commercial paper, back-up credit facilities and the Senior Notes are obligations of the Company and not of its subsidiaries. The Company is a holding company and the payment of dividends from its insurance subsidiaries is restricted by insurance regulation. MGIC is the principal source of dividend-paying capacity. As a result of a $\$ 150$ million dividend paid to the Company by MGIC in February 2002, MGIC may not pay additional dividends until February 2003 without the approval of the Office of the Commissioner of Insurance of the State of Wisconsin.

Interest payments on all long-term debt were $\$ 26.9$ million, $\$ 25.5$ million and $\$ 22.0$ million for the years ended December 31, 2001, 2000 and 1999, respectively. At December 31, 2001, the market value of the long-term debt is $\$ 492.6$ million. The commercial paper is classified as short-term debt.

The Company uses interest rate swaps to hedge interest rate exposure associated with its short- and long-term debt. During 1999, the Company utilized three interest rate swaps, each with a notional amount of $\$ 100$ million, to reduce and manage interest rate risk on a portion of the variable rate debt under the credit facilities. The notional amount of $\$ 100$ million represents the stated principal balance used for calculating payments. The Company received and paid amounts based on rates that were both fixed and variable. Earnings on the swaps during 1999, of approximately $\$ 3.8$ million, were netted against interest expense.

In 2000, two of the swaps were amended and designated as fair-value hedges which qualified for short-cut accounting. The Company paid an interest rate based on LIBOR and received a fixed rate of $7.5 \%$ to hedge the 5 -year Senior Notes issued in the fourth quarter of 2000. These swaps were terminated in September 2001. The gain on termination is being amortized over the remaining life of the underlying debt. The remaining swap was also amended during 2000 and designated as a cash flow hedge. Under the terms of the swap contract, the Company pays a fixed rate of $6.79 \%$ and receives an interest rate based on LIBOR. The swap has an expiration date coinciding with the maturity of the credit facilities and is designated as a hedge. Gains or losses arising from the amendment or termination of interest rate swaps are deferred and amortized to interest expense over the life of the hedged items. Earnings on the swaps during 2000 of approximately $\$ 0.3$ million were netted against interest expense. Expenses on the swaps during 2001, of approximately $\$ 3.7$ million, were included in interest expense. The swap outstanding at December 31, 2001 is evaluated quarterly using regression analysis with any ineffectiveness being recorded as an expense. To date this evaluation has not resulted in any hedge ineffectiveness. The swaps are subject to credit risk to the extent the counterparty would be unable to discharge its obligations under the swap agreements.

MGIC is the principal insurance subsidiary of the Company. MGIC's risk-to-capital ratio was 9.1:1 at December 31, 2001 compared to 10.6:1 at December 31, 2000. The decrease was due to MGIC's increased policyholders' reserves, partially offset by the net additional risk in force of $\$ 2.8$ billion, net of reinsurance, during 2001.

The risk-to-capital ratios set forth above have been computed on a statutory basis. However, the methodology used by the rating agencies to assign claims-paying ability ratings permits less leverage than under statutory requirements. As a result, the amount of capital required under statutory regulations may be lower than the capital required for rating agency purposes. In addition to capital adequacy, the rating agencies consider other factors in determining a mortgage insurer's claimspaying rating, including its competitive position,
business outlook, management, corporate strategy, and historical and projected operating performance.

For certain material risks of the Company's business, see "Risk Factors" below.

## Risk Factors

Our revenues and losses could be affected by the risk factors discussed below. These factors may also cause actual results to differ materially from the results contemplated by forward looking statements that the Company may make. Forward looking statements consist of statements which relate to matters other than historical fact. Among others, statements that include words such as the Company "believes," "anticipates" or "expects," or words of similar import, are forward looking statements.

## If the volume of low down payment home mortgage originations declines, the amount of insurance that we write could also decline which could result in declines in our future revenues.

The factors that affect the volume of low down payment mortgage originations include:

- the level of home mortgage interest rates,
- the health of the domestic economy as well as conditions in regional and local economies,
- housing affordability,
- population trends, including the rate of household formation,
- the rate of home price appreciation, which in times of heavy refinancing affects whether refinance loans have loan-to-value ratios that require private mortgage insurance, and
- government housing policy encouraging loans to first-time homebuyers.

Our new insurance written volume increased $107 \%$ in 2001 compared to the same period in 2000. One of the reasons our volume was higher in 2001 was because
many borrowers refinanced their mortgages during 2001 due to a lower interest rate environment, which also led to lenders canceling insurance that we wrote in the past. While we have not experienced lower volume in recent years other than as a result of declining refinancing activity, one of the risks we face is that substantially higher interests rates will substantially reduce purchase activity by first-time homebuyers and that the decline in cancellations of insurance that in the past have accompanied higher interest rates will not be sufficient to offset the decline in premiums from loans that are not made.

## If lenders and investors select alternatives to private mortgage insurance, the amount of insurance that we write could decline, which could result in declines in our future revenues.

These alternatives to private mortgage insurance include:

- lenders using government mortgage insurance programs, including those of the Federal Housing Administration and the Veterans Administration,
- investors holding mortgages in portfolio and selfinsuring,
- investors using credit enhancements other than private mortgage insurance or using other credit enhancements in conjunction with reduced levels of private mortgage insurance coverage, and
- lenders structuring mortgage originations to avoid private mortgage insurance, such as a first mortgage with an $80 \%$ loan-to-value ratio and a second mortgage with a $10 \%$ loan-to-value ratio (referred to as an 80-10-10 loan) rather than a first mortgage with a $90 \%$ loan-to-value ratio.

We believe, that during 2001, lenders and investors were self-insuring and making 80-10-10 loans at about the same percentage as they did over the last several years. Although during 2001 and 2000, the share of the low down payment market held by loans with Federal Housing Administration and Veterans Administration mortgage insurance was lower than in 1999, during three of the prior four years, the Federal Housing Administration and Veterans Administration's collective
share of this market increased. Investors are using reduced mortgage insurance coverage on a higher percentage of loans that we insure than they had over the last several years.

## Because most of the loans MGIC insures are sold to Fannie Mae and Freddie Mac, changes in their business practices could reduce our revenues or increase our losses.

The business practices of Fannie Mae and Freddie Mac affect the entire relationship between them and mortgage insurers and include:

- the level of private mortgage insurance coverage, subject to the limitations of Fannie Mae and Freddie Mac's charters, when private mortgage insurance is used as the required credit enhancement on low down payment mortgages,
- whether Fannie Mae or Freddie Mac influence the mortgage lender's selection of the mortgage insurer providing coverage and, if so, any transactions that are related to that selection,
- whether Fannie Mae or Freddie Mac will give mortgage lenders an incentive, such as a reduced guaranty fee, to select a mortgage insurer that has a 'AAA' claims-paying ability rating to benefit from the lower capital requirements for Fannie Mae and Freddie Mac when a mortgage is insured by a company with that rating,
- the underwriting standards that determine what loans are eligible for purchase by Fannie Mae or Freddie Mac, which thereby affect the quality of the risk insured by the mortgage insurer and the availability of mortgage loans,
- the terms on which mortgage insurance coverage can be canceled before reaching the cancellation thresholds established by law, and
- the circumstances in which mortgage servicers must perform activities intended to avoid or mitigate loss on insured mortgages that are delinquent.


## Because we participate in an industry that is intensely competitive, changes in our competitors' business practices could reduce our revenues or increase our losses.

Competition for private mortgage insurance premiums occurs not only among private mortgage insurers but increasingly with mortgage lenders through captive mortgage reinsurance transactions. In these transactions, a lender's affiliate reinsures a portion of the insurance written by a private mortgage insurer on mortgages originated by the lender. The low level of losses that has recently prevailed in the private mortgage insurance industry has encouraged competition to assume default risk through captive reinsurance arrangements, selfinsurance, 80-10-10 loans and other means. In 1996, we reinsured under captive reinsurance arrangements virtually none of our primary insurance. At the end of 2001, about $24 \%$ of our risk in force was subject to captive reinsurance arrangements. The level of competition within the private mortgage insurance industry has also increased as many large mortgage lenders have reduced the number of private mortgage insurers with whom they do business. At the same time, consolidation among mortgage lenders has increased the share of the mortgage lending market held by large lenders. Our top ten customers generated $27.0 \%$ of the new primary insurance that we wrote on a flow basis in 1997 compared to $38.4 \%$ in 2001.

Our private mortgage insurance competitors include:

- PMI Mortgage Insurance Company
- GE Capital Mortgage Insurance Corporation
- United Guaranty Residential Insurance Company
- Radian Guaranty Inc.
- Republic Mortgage Insurance Company
- Triad Guaranty Insurance Corporation
- CMG Mortgage Insurance Company

If interest rates decline, house prices appreciate or mortgage insurance cancellation requirements change, the length of time that our policies remain in force could decline and result in declines in our revenue.

In each year, most of MGIC's premiums are from insurance that has been written in prior years. As a
result, the length of time insurance remains in force is an important determinant of revenues. The factors affecting the length of time our insurance remains in force include:

- the level of current mortgage interest rates compared to the mortgage coupon rates on the insurance in force, which affects the vulnerability of the insurance in force to refinancings, and
- mortgage insurance cancellation policies of mortgage investors along with the rate of home price appreciation experienced by the homes underlying the mortgages in the insurance in force.

While it is difficult to measure the extent of the decline, in recent years, the length of time that our policies remain in force has declined somewhat. Due to this decline, our premium revenues were lower than they would have been if the length had not declined.

## If the domestic economy deteriorates, more homeowners may default and our losses may increase.

Losses result from events that reduce a borrower's ability to continue to make mortgage payments, such as unemployment, and whether the home of a borrower who defaults on his mortgage can be sold for an amount that will cover unpaid principal and interest and the expenses of the sale. Favorable economic conditions generally reduce the likelihood that borrowers will lack sufficient income to pay their mortgages and also favorably affect the value of homes, thereby reducing and in some cases even eliminating a loss from a mortgage default. In recent years, due in part to the strength of the economy, we have had low losses by historical standards. A significant deterioration in economic conditions would probably increase our losses.

## Our industry is subject to litigation risk.

In recent years, consumers have brought a growing number of lawsuits against home mortgage lenders and settlement service providers. As of February 2002, seven mortgage insurers, including our MGIC subsidiary, were involved in litigation alleging violations of the Real Estate Settlement Procedures Act. Our

MGIC subsidiary and two other mortgage insurers entered into an agreement to settle the cases against them in December 2000, and another mortgage insurer entered into a comparable settlement agreement in February 2002. In June 2001, the Court entered a final order approving the settlement to which we and the other two insurers are parties, although due to appeals of orders denying certain class members the right to intervene to challenge certain aspects of this settlement, the final implementation of the settlement will not occur until the appeals are resolved. We took a $\$ 23.2$ million pre-tax charge in 2000 to cover our share of the estimated costs of our settlement. While our settlement includes an injunction that prohibits certain practices and specifies the basis on which other practices may be done in compliance with the Real Estate Settlement Procedures Act, we may still be subject to future litigation under the Real Estate Settlement Procedures Act.

## Because we expect the pace of change in our industry and in home mortgage lending to remain high, we will be disadvantaged unless we are able to respond to new ways of doing business.

We expect the processes involved in home mortgage lending will continue to evolve through greater use of technology. This evolution could effect fundamental changes in the way home mortgages are distributed. Affiliates of lenders who are regulated depositary institutions gained expanded insurance powers under financial modernization legislation and the capital markets may emerge as providers of insurance in competition with traditional insurance companies. These trends and others increase the level of uncertainty in our business, demand rapid response to change and place a premium on innovation.

## Consolidated Statement of Operations

|  | 2001 |  | 2000 |  | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUES:Premiums written: |  |  |  |  |  |
|  |  |  |  |  |  |
| Direct................................................................................. \$ | 1,101,160 | \$ | 939,482 | \$ | 816,351 |
| Assumed | 516 |  | 847 |  | 2,215 |
| Ceded (note 7). | $(65,323)$ |  | $(52,941)$ |  | $(26,221)$ |
| Net premiums written. | 1,036,353 |  | 887,388 |  | 792,345 |
| Decrease in unearned premiums | 5,914 |  | 2,703 |  | 236 |
| Net premiums earned (note 7)................................................. | 1,042,267 |  | 890,091 |  | 792,581 |
| Investment income, net of exp enses (note 4)........................... | 204,393 |  | 178,535 |  | 153,071 |
| Realized investment gains, net (note 4). | 37,352 |  | 1,432 |  | 3,406 |
| Other revenue | 73,829 |  | 40,283 |  | 47,697 |
| Total revenues | 1,357,841 |  | 1,110,341 |  | 996,755 |
| LOSSES AND EXPENSES: |  |  |  |  |  |
| Losses incurred, net (notes 6 and 7).. | 160,814 |  | 91,723 |  | 97,196 |
| Underwriting and other expenses ........................................... | 234,494 |  | 177,837 |  | 198,147 |
| Interest expense.. | 30,623 |  | 28,759 |  | 20,402 |
| Litigation settlement (note 13). | - |  | 23,221 |  | - |
| Total losses and expenses ................................................... | 425,931 |  | 321,540 |  | 315,745 |
| Income before tax. | 931,910 |  | 788,801 |  | 681,010 |
| Provision for income tax (note 10). | 292,773 |  | 246,802 |  | 210,809 |
| Net income ............................................................................... \$ | 639,137 | \$ | 541,999 | \$ | 470,201 |
| Earnings per share (note 11): |  |  |  |  |  |
| Basic .............................................................................................. ${ }^{\text {\$ }}$ | 5.98 | \$ | 5.10 | \$ | 4.35 |
| Diluted .................................................................................. \$ | 5.93 | \$ | 5.05 | \$ | 4.30 |

See accompanying notes to consolidated financial statements.

## Consolidated Balance Sheet

|  | 2001 |  | 2000 |
| :---: | :---: | :---: | :---: |
| ASSETS | (In thousands of dollars) |  |  |
| Investment portfolio (note 4): |  |  |  |
| Securities, available-for-sale, at market value: |  |  |  |
| Fixed maturities ....................................................................................... \$ | 3,888,740 | \$ | 3,298,561 |
| Equity securities | 20,747 |  | 22,042 |
| Short-term investments | 159,960 |  | 151,592 |
| Total investment portfolio ...................................................................... | 4,069,447 |  | 3,472,195 |
| Cash. | 26,392 |  | 5,598 |
| Accrued investment income | 59,036 |  | 51,419 |
| Reinsurance recoverable on loss reserves (note 7). | 26,888 |  | 33,226 |
| Reinsurance recoverable on unearned premiums (note 7). | 8,415 |  | 8,680 |
| Home office and equipment, net. | 34,762 |  | 31,308 |
| Deferred insurance policy acquisition costs | 32,127 |  | 25,839 |
| Investments in joint ventures (note 8). | 161,674 |  | 138,838 |
| Other assets | 148,271 |  | 90,678 |
| Total assets ........................................................................................... \$ | 4,567,012 | \$ | 3,857,781 |
| LIABILITIES AND SHAREHOLDERS' EQUITY |  |  |  |
| Liabilities: |  |  |  |
| Loss reserves (notes 6 and 7)........................................................................ \$ | 613,664 | \$ | 609,546 |
| Unearned premiums (note 7). | 174,545 |  | 180,724 |
| Short- and long-term debt (note 5) | 472,102 |  | 397,364 |
| Income taxes payable | 80,937 |  | 83,185 |
| Other liabilities | 205,577 |  | 122,080 |
| Total liabilities | 1,546,825 |  | 1,392,899 |
| Contingencies (note 13) |  |  |  |
| Shareholders' equity (note 11): |  |  |  |
| Common stock, $\$ 1$ par value, shares authorized $300,000,000$; shares issued 121,110,800; outstanding $2001-106,086,594 ; 2000-106,825,758$. | 121,111 |  | 121,111 |
| Paid-in surplus. | 214,040 |  | 207,882 |
| Treasury stock (shares at cost $2001-15,024,206 ; 2000-14,285,042$ ) .......... | $(671,168)$ |  | $(621,033)$ |
| Accumulated other comprehensive income - net of tax (note 2).................. | 46,644 |  | 75,814 |
| Retained earnings (note 11)....... | 3,309,560 |  | 2,681,108 |
| Total shareholders' equity | 3,020,187 |  | 2,464,882 |
| Total liabilities and shareholders' equity .................................................. \$ | 4,567,012 | \$ | 3,857,781 |

## Consolidated Statement of Shareholders' Equity

|  | Common stock |  | Paid-in surplus |  | Treasury stock |  | mulated other rehensive e (note 2) |  | Retained earnings |  | prehensive come |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | (In thous | ds | llars) |  |  |  |  |
| Balance, December 31, 1998 ................ \$ | \$ 121,111 | \$ | 217,022 | \$ | $(482,465)$ | \$ | 94,572 | \$ | 1,690,351 |  |  |
| Net income | - |  | - |  | - |  | - |  | 470,201 | \$ | 470,201 |
| Unrealized investment losses, net .......... | - |  | - |  | - |  | $(135,307)$ |  | - |  | $(135,307)$ |
| Comprehensive income..................... | - |  | - |  | - |  | - |  | - | \$ | 334,894 |
| Dividends declared... | - |  | - |  | - |  | - |  | $(10,825)$ |  |  |
| Repurchase of outstanding common shares. | - |  | - |  | $(200,533)$ |  | - |  | - |  |  |
| Reissuance of treasury stock | - |  | $(5,429)$ |  | 17,291 |  | - |  | - |  |  |
| Balance, December 31, 1999 ................ | 121,111 |  | 211,593 |  | $(665,707)$ |  | $(40,735)$ |  | 2,149,727 |  |  |
| Net income ................................... | - |  | - |  | - |  | - |  | 541,999 | \$ | 541,999 |
| Unrealized investment gains, net ........... | - |  | - |  | - |  | 116,549 |  | - |  | 116,549 |
| Comprehensive income...................... | - |  | - |  | - |  | - |  | - | \$ | 658,548 |
| Dividends declared.... | - |  | - |  | - |  | - |  | $(10,618)$ |  |  |
| Repurchase of outstanding common shares. $\qquad$ | - |  | - |  | $(6,224)$ |  | - |  | - |  |  |
| Reissuance of treasury stock | - |  | (3,711) |  | 50,898 |  | - |  | - |  |  |
| Balance, December 31, 2000 ................ | 121,111 |  | 207,882 |  | $(621,033)$ |  | 75,814 |  | 2,681,108 |  |  |
| Net income ................................... | - |  | - |  | - |  | - |  | 639,137 | \$ | 639,137 |
| Unrealized investment losses, net ........... | - |  | - |  | - |  | $(21,351)$ |  | - |  | $(21,351)$ |
| Unrealized loss on derivatives, net (note 5) | - |  | - |  | - |  | $(7,819)$ |  | - |  | $(7,819)$ |
| Comprehensive income...................... | - |  | - |  | - |  | - |  | - | \$ | 609,967 |
| Dividends declared... | - |  | - |  | - |  | - |  | $(10,685)$ |  |  |
| Repurchase of outstanding common shares. | - |  | - |  | $(73,488)$ |  | _ |  | (10, |  |  |
| Reissuance of treasury stock. | - |  | $(6,158)$ |  | 23,353 |  | - |  | - |  |  |
| Balance, December 31, 2001 ................ \$ | \$ 121,111 | \$ | 214,040 | \$ | $(671,168)$ | \$ | 46,644 | \$ | 3,309,560 |  |  |

See accompanying notes to consolidated financial statements.

## Consolidated Statement of Cash Flows



See accompanying notes to consolidated financial statements.

## Notes to Consolidated Financial Statements

## 1. Nature of business

MGIC Investment Corporation ("Company") is a holding company which, through Mortgage Guaranty Insurance Corporation ("MGIC") and several other subsidiaries, is principally engaged in the mortgage insurance business. The Company provides mortgage insurance to lenders throughout the United States to protect against loss from defaults on low down payment residential mortgage loans. Through certain other noninsurance subsidiaries, the Company also provides various services for the mortgage finance industry, such as contract underwriting and portfolio analysis and retention.

At December 31, 2001, the Company's direct primary insurance in force (representing the current principal balance of all mortgage loans that are currently insured) and direct primary risk in force (representing the insurance in force multiplied by the insurance coverage percentage), excluding MGIC Indemnity Corporation ("MIC"), formerly known as Wisconsin Mortgage Assurance Corporation, was approximately $\$ 183.9$ billion and $\$ 45.2$ billion, respectively. In addition to providing direct primary insurance coverage, the Company also insures pools of mortgage loans. The Company's direct pool risk in force at December 31, 2001 was approximately $\$ 2.0$ billion. MIC's direct primary insurance in force, direct primary risk in force and direct pool risk in force was approximately $\$ 0.7$ billion, $\$ 0.2$ billion and $\$ 0.3$ billion, respectively, at December 31, 2001. (See note 7.)

## 2. Basis of presentation and summary of significant accounting policies

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period.
Actual results could differ from those estimates.

## Principles of consolidation

The consolidated financial statements include the accounts of MGIC Investment Corporation and its wholly-owned subsidiaries. All intercompany transactions have been eliminated. The Company's 45.9\% investment in Credit-Based Asset Servicing and

Securitization LLC ("C-BASS") and $45.5 \%$ investment in Sherman Financial Group LLC, ("Sherman"), which are joint ventures with Radian Group Inc. and $45.8 \%$ investment in Customers Forever LLC, ("Customers Forever"), a joint venture with Marshall \& Ilsley Corporation are accounted for on the equity method and recorded on the balance sheet as investments in joint ventures. The Company's equity earnings from these joint ventures are included in other revenue. (See note 8.)

The Company has certain other joint ventures and investments of an immaterial amount.

## Investments

The Company categorizes its investment portfolio according to its ability and intent to hold the investments to maturity. Investments which the Company does not have the ability and intent to hold to maturity are considered to be available-for-sale and must be recorded at market and the unrealized gains or losses recognized as an increase or decrease to shareholders' equity. The Company's entire investment portfolio is classified as available-for-sale. Realized investment gains and losses are reported in income based upon specific identification of securities sold. (See note 4.)

## Home office and equipment

Home office and equipment is carried at cost net of depreciation. For financial statement reporting purposes, depreciation is determined on a straight-line basis for the home office, equipment and data processing hardware over estimated lives of 45,5 and 3 years, respectively. For income tax purposes, the Company uses accelerated depreciation methods.

Home office and equipment is shown net of accumulated depreciation of $\$ 34.9$ million and $\$ 31.3$ million at December 31, 2001 and 2000, respectively.

## Deferred insurance policy acquisition costs

Costs associated with the acquisition of mortgage insurance business, consisting of employee compensation and other policy issuance and underwriting expenses, are initially deferred and reported as deferred acquisition costs (DAC). Because Statement of Financial Accounting Standards No. 60, Accounting and Reporting by Insurance Enterprises, specifically excludes mortgage guaranty insurance from its guidance relating to the amortization of DAC, amortization of these costs for each underwriting year
book of business are charged against revenue in proportion to estimated gross profits over the life of the policies using the guidance of Statement of Financial Accounting Standards No. 97, Accounting and Reporting by Insurance Enterprises For Certain Long Duration Contracts and Realized Gains and Losses From the Sale of Investments. This includes accruing interest on the unamortized balance of DAC. The estimates for each underwriting year are updated annually to reflect actual experience and any changes to key assumptions such as persistency or loss development.

During 2001, 2000 and 1999, the Company amortized $\$ 22.2$ million, $\$ 20.6$ million and $\$ 16.8$ million, respectively, of deferred insurance policy acquisition costs.

## Loss reserves

Reserves are established for reported insurance losses and loss adjustment expenses based on when notices of default on insured mortgage loans are received. Reserves are also established for estimated losses incurred on notices of default not yet reported by the lender. Consistent with industry practices, the Company does not establish loss reserves for future claims on insured loans which are not currently in default.
Reserves are established by management using estimated claims rates and claims amounts in estimating the ultimate loss. Amounts for salvage recoverable are considered in the determination of the reserve estimates. Adjustments to reserve estimates are reflected in the financial statements in the years in which the adjustments are made. The liability for reinsurance assumed is based on information provided by the ceding companies.

The incurred but not reported ("IBNR") reserves result from defaults occurring prior to the close of an accounting period, but which have not been reported to the Company. Consistent with reserves for reported defaults, IBNR reserves are established using estimated claims rates and claims amounts for the estimated number of defaults not reported.

Reserves also provide for the estimated costs of settling claims, including legal and other expenses and general expenses of administering the claims settlement process. (See note 6.)

## Income recognition

The insurance subsidiaries write policies which are guaranteed renewable contracts at the insured's option on a single, annual or monthly premium basis. The
insurance subsidiaries have no ability to reunderwrite or reprice these contracts. Premiums written on a single premium basis and an annual premium basis are initially deferred as unearned premium reserve and earned over the policy term. Premiums written on policies covering more than one year are amortized over the policy life in accordance with the expiration of risk which is the anticipated claim payment pattern based on historical experience. Premiums written on annual policies are earned on a monthly pro rata basis. Premiums written on monthly policies are earned as coverage is provided.

Fee income of the non-insurance subsidiaries is earned and recognized as the services are provided and the customer is obligated to pay.

## Income taxes

The Company and its subsidiaries file a consolidated federal income tax return. A formal tax sharing agreement exists between the Company and its subsidiaries. Each subsidiary determines income taxes based upon the utilization of all tax deferral elections available. This assumes tax and loss bonds are purchased and held to the extent they would have been purchased and held on a separate company basis since the tax sharing agreement provides that the redemption or non-purchase of such bonds shall not increase such member's separate taxable income and tax liability on a separate company basis.

Federal tax law permits mortgage guaranty insurance companies to deduct from taxable income, subject to certain limitations, the amounts added to contingency loss reserves. Generally, the amounts so deducted must be included in taxable income in the tenth subsequent year. The deduction is allowed only to the extent that U.S. government non-interest bearing tax and loss bonds are purchased and held in an amount equal to the tax benefit attributable to such deduction. The Company accounts for these purchases as a payment of current federal income taxes.

Deferred income taxes are provided under the liability method which recognizes the future tax effects of temporary differences between amounts reported in the financial statements and the tax bases of these items. The expected tax effects are computed at the current federal tax rate. (See note 10.)

## Benefit plans

The Company has a non-contributory defined benefit pension plan covering substantially all employees. Retirement benefits are based on compensation and
years of service. The Company's policy is to fund pension cost as required under the Employee Retirement Income Security Act of 1974. (See note 9.)

The Company accrues the estimated costs of retiree medical and life benefits over the period during which employees render the service that qualifies them for benefits. The Company offers both medical and dental benefits for retired employees and their spouses. Benefits are generally funded on a pay-as-you-go basis. (See note 9.)

## Reinsurance

Loss reserves and unearned premiums are reported before taking credit for amounts ceded under reinsurance treaties. Ceded loss reserves are reflected as "Reinsurance recoverable on loss reserves." Ceded unearned premiums are reflected as "Reinsurance recoverable on unearned premiums." The Company remains contingently liable for all reinsurance ceded.
(See note 7.)

## Earnings per share

The Company's basic and diluted earnings per share ("EPS") have been calculated in accordance with Statement of Financial Accounting Standards No. 128, Earnings Per Share. The Company's net income is the same for both basic and diluted EPS. Basic EPS is based on the weighted-average number of common shares outstanding. Diluted EPS is based on the weightedaverage number of common shares outstanding and common stock equivalents which would arise from the exercise of stock options. The following is a reconciliation of the weighted-average number of shares used for basic EPS and diluted EPS. (See note 11.)


## Statement of cash flows

For purposes of the consolidated statement of cash flows, the Company considers short-term investments to be cash equivalents, as short-term investments have original maturities of three months or less.

## Comprehensive income

The Company's total comprehensive income, as calculated per SFAS No. 130, Reporting Comprehensive Income, was as follows:


The difference between the Company's net income and total comprehensive income for the years ended December 31, 2001, 2000 and 1999 is due to the change in unrealized appreciation/depreciation on investments, the cumulative effect of the adoption of SFAS No. 133 and the market value adjustment of the hedges, all net of tax.

## Recent accounting pronouncements

The Company adopted Statement of Financial Accounting Standards No. 133, Accounting for Derivative Instruments and Hedging Activities ("SFAS 133"), effective January 1, 2001. The statement establishes accounting and reporting standards for derivative instruments and for hedging activities. The adoption of SFAS 133 did not have a significant effect on the Company's results of operations or its financial position due to its limited use of derivative instruments. (See note 5.)

In June 2001, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards No. 141 ("SFAS 141"), Business Combinations, and No. 142 ("SFAS 142"), Goodwill and Other Intangible Assets. SFAS 141 is effective for all business combinations initiated after June 30, 2001 and SFAS 142 is effective for fiscal years beginning after December 15, 2001.

In August 2001, the FASB issued Statement of Financial Accounting Standards No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets, which is effective for fiscal years beginning after December 15, 2001.

Management does not anticipate adoption of these pronouncements will have a significant effect on the Company's results of operations or its financial position.

## Reclassifications

Certain reclassifications have been made in the accompanying financial statements to 2000 and 1999 amounts to allow for consistent financial reporting.

## 3. Related party transactions

The Company provided certain services to C-BASS and Customers Forever in 2001, 2000 and 1999 in exchange for an immaterial amount of fees. In addition, C-BASS provided certain services to the Company during 2001, 2000 and 1999 in exchange for an immaterial amount of fees.

## Notes (continued)

## 4. Investments

The following table summarizes the Company's investments at December 31, 2001 and 2000:


The amortized cost and market value of investments at December 31, 2001 are as follows:

| December 31, 2001: | Amortized Cost |  | Gross <br> Unrealized Gains |  | Gross <br> Unrealized <br> Losses |  | Market <br> Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government corporations and agencies | \$ | 307,761 | \$ | 3,486 | \$ | $(5,799)$ | \$ | 305,448 |
| Obligations of states and political subdivisions... |  | 2,998,688 |  | 85,336 |  | $(14,513)$ |  | 3,069,511 |
| Corporate securities. |  | 564,659 |  | 15,201 |  | $(1,497)$ |  | 578,363 |
| Mortgage-backed securities |  | 79,082 |  | 1,089 |  | - |  | 80,171 |
| Debt securities issued by foreign sovereign governments. |  | 13,985 |  | 1,222 |  | - |  | 15,207 |
| Total debt securities. |  | 3,964,175 |  | 106,334 |  | $(21,809)$ |  | 4,048,700 |
| Equity securities |  | 21,481 |  | - |  | (734) |  | 20,747 |
| Total investment portfolio | \$ | 3,985,656 | \$ | 106,334 | \$ | $(22,543)$ | \$ | 4,069,447 |

The amortized cost and market value of investments at December 31, 2000 are as follows:

| December 31, 2000: | Amortized Cost |  | Gross <br> Unrealized <br> Gains |  | Gross <br> Unrealized <br> Losses |  | Market Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | In thousa |  |  |  |  |
| U.S. Treasury securities and obligations of U.S. government corporations and agencies .............................................................. \$ 220,168 \$ 6,033 \$ (592) \$ 225,609 |  |  |  |  |  |  |  |  |
| Obligations of states and political subdivisions. |  | 2,382,766 |  | 106,776 |  | $(1,226)$ |  | 2,488,316 |
| Corporate securities .. |  | 715,115 |  | 12,152 |  | $(7,282)$ |  | 719,985 |
| Mortgage-backed securities |  | 1,648 |  | 9 |  | - |  | 1,657 |
| Debt securities issued by foreign sovereign governments. |  | 13,958 |  | 628 |  | - |  | 14,586 |
| Total debt securities. |  | 3,333,655 |  | 125,598 |  | $(9,100)$ |  | 3,450,153 |
| Equity securities |  | 21,903 |  | 757 |  | (618) |  | 22,042 |
| Total investment portfolio . | \$ | 3,355,558 | \$ | 126,355 | \$ | $(9,718)$ | \$ | 3,472,195 |

The amortized cost and market values of debt securities at December 31, 2001, by contractual maturity, are shown below. Debt securities consist of fixed maturities and short-term investments. Expected maturities will differ from contractual maturities because borrowers may have the right to call or prepay obligations with or without call or prepayment penalties.

|  | Amortized Cost |  | Market Value |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |
| Due in one year or less. | \$ | 225,653 | \$ | 226,632 |
| Due after one year through five years. |  | 810,272 |  | 835,696 |
| Due after five years through ten years. |  | 1,239,608 |  | 1,257,389 |
| Due after ten years. |  | 1,609,560 |  | 1,648,812 |
|  |  | 3,885,093 |  | 3,968,529 |
| Mortgage-backed securities |  | 79,082 |  | 80,171 |
| Total at December 31, 2001 | \$ | 3,964,175 | \$ | 4,048,700 |

Net investment income is comprised of the following:

|  | 2001 |  | 2000 |  | 1999 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |  |  |
| Fixed maturities | \$ | 195,821 | \$ | 167,810 | \$ | 144,614 |
| Equity securities. |  | 2,953 |  | 1,279 |  | 975 |
| Short-term investments. |  | 6,863 |  | 10,673 |  | 8,865 |
| Other |  | 495 |  | 341 |  | 46 |
| Investment income |  | 206,132 |  | 180,103 |  | 154,500 |
| Investment expenses. |  | $(1,739)$ |  | $(1,568)$ |  | $(1,429)$ |
| Net investment income | \$ | 204,393 | \$ | 178,535 | \$ | 153,071 |

The net realized investment gains (losses) and change in net unrealized appreciation (depreciation) of investments are as follows:


The gross realized gains and the gross realized losses on sales of available-for-sale securities were
$\$ 50.8$ million and $\$ 13.4$ million, respectively, in 2001, $\$ 18.2$ million and $\$ 16.8$ million, respectively, in 2000 and $\$ 14.5$ million and $\$ 11.1$ million, respectively, in 1999.

The tax (benefit) expense of the changes in net unrealized (depreciation) appreciation was ( $\$ 11.5$ ) million, $\$ 62.8$ million and ( $\$ 72.9$ ) million for 2001, 2000 and 1999, respectively.

## 5. Short- and long-term debt

During the first quarter of 2001, the Company established a $\$ 200$ million commercial paper program, which was rated 'A-1' by Standard and Poors ("S\&P") and 'P-1' by Moody's. At December 31, 2001, the Company had $\$ 172.1$ million in commercial paper outstanding with a weighted average interest rate of $1.91 \%$.

The Company has a $\$ 200$ million credit facility available at December 31, 2001, with $\$ 100$ million expiring in 2003 and $\$ 100$ million expiring in 2004. Under the terms of the credit facilities, the Company must maintain shareholders' equity of at least $\$ 1$ billion and MGIC must maintain a claims paying ability rating of 'AA-' or better with S\&P. At December 31, 2001, the Company had shareholders' equity of $\$ 3.02$ billion and MGIC had a claims paying ability rating of 'AA+' from S\&P. These facilities are currently being used as liquidity back-up facilities for the outstanding commercial paper. The remaining credit available under these facilities after reduction for the amount necessary to support the commercial paper was $\$ 27.9$ million at December 31, 2001. The Company had $\$ 98$ million outstanding under the credit facility at December 31, 2000.

In June of 2000, the Company filed a $\$ 500$ million public debt shelf registration statement. During the fourth quarter of 2000, the Company issued, in public offerings, $\$ 300$ million, $7 \frac{1}{2} \%$ Senior Notes due in 2005. The notes are unsecured and were rated 'A1' by Moody's and 'A+' by S\&P. The Company had Senior Notes outstanding of $\$ 300$ million at December 31, 2001 and 2000.

Interest payments on all long-term debt were $\$ 26.9$ million, $\$ 25.5$ million and $\$ 22.0$ million for the years ended December 31, 2001, 2000 and 1999, respectively. At December 31, 2001, the market value of the long-term debt is $\$ 492.6$ million.

The Company uses interest rate swaps to hedge interest rate exposure associated with its short- and longterm debt. During 1999, the Company utilized three interest rate swaps, each with a notional amount of $\$ 100$ million, to reduce and manage interest rate risk on a portion of the variable rate debt under the credit facilities. The notional amount of $\$ 100$ million represents the stated principal balance used for calculating payments. The Company received and paid amounts based on rates that were both fixed and variable. Earnings on the swaps during 1999, of approximately $\$ 3.8$ million, were netted against interest expense.

In 2000, two of the swaps were amended and designated as fair-value hedges which qualified for short-cut accounting. The Company paid an interest rate based on LIBOR and received a fixed rate of $7.5 \%$ to hedge the 5 -year Senior Notes issued in the fourth quarter of 2000. These swaps were terminated in September 2001. The gain on termination is being amortized over the remaining life of the underlying debt. The remaining swap was also amended during 2000 and designated as a cash flow hedge. Under the terms of the swap contract, the Company pays a fixed rate of $6.79 \%$ and receives an interest rate based on LIBOR. The swap has an expiration date coinciding with the maturity of the credit facilities and is designated as a hedge. Gains or losses arising from the amendment or termination of interest rate swaps are deferred and amortized to interest expense over the life of the hedged items. Earnings on the swaps during 2000 of approximately $\$ 0.3$ million were netted against interest expense. Expenses on the swaps during 2001, of approximately $\$ 3.7$ million, were included in interest expense. The swap outstanding at December 31, 2001 is evaluated quarterly using regression analysis with any ineffectiveness being recorded as an expense. To date this evaluation has not resulted in any hedge ineffectiveness. The swaps are subject to credit risk to the extent the counterparty would be unable to discharge its obligations under the swap agreements.

## 6. Loss reserves

Loss reserve activity was as follows:

|  | 2001 |  | 2000 |  | 1999 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |  |  |
| Reserve at beginning of year | \$ | 609,546 | \$ | 641,978 | \$ | 681,274 |
| Less reinsurance recoverable |  | 33,226 |  | 35,821 |  | 45,527 |
| Net reserve at beginning <br> of year. |  | 576,320 |  | 606,157 |  | 635,747 |
| Reserve transfer (1).. |  | - |  | 85 |  | 833 |
| Adjusted reserve at beginning of year $\qquad$ |  | 576,320 |  | 606,242 |  | 636,580 |
| Losses incurred: <br> Losses and LAE incurred in respect of default notices received in: |  |  |  |  |  |  |
| Current year............ |  | 372,940 |  | 320,769 |  | 333,193 |
| Prior years (2)......... |  | $(212,126)$ |  | $(229,046)$ |  | $(235,997)$ |
| Subtotal |  | 160,814 |  | 91,723 |  | 97,196 |
|  |  |  |  |  |  |  |
| Losses and LAE paid in respect of default notices received in: |  |  |  |  |  |  |
| Current year............ |  | 14,047 |  | 9,044 |  | 7,601 |
| Prior years. |  | 136,311 |  | 112,601 |  | 120,018 |
| Subtotal |  | 150,358 |  | 121,645 |  | 127,619 |
| Net reserve at end of year..... |  | 586,776 |  | 576,320 |  | 606,157 |
| Plus reinsurance recoverables |  | 26,888 |  | 33,226 |  | 35,821 |
| Reserve at end of year........ | \$ | 613,664 | \$ | 609,546 | \$ | 641,978 |

(1) Received in conjunction with the cancellation of certain reinsurance treaties. (See note 7.)
(2) A negative number for a prior year indicates a redundancy of loss reserves, and a positive number for a prior year indicates a deficiency of loss reserves.

The top portion of the table above shows losses incurred on default notices received in the current year and in prior years, respectively. The amount of losses incurred relating to default notices received in the current year represents the estimated amount to be ultimately paid on such default notices. The amount of losses incurred relating to default notices received in prior years represents an adjustment made in the current year for defaults which were included in the loss reserve at the end of the prior year.

Current year losses incurred increased from 2000 to 2001 primarily due to an increase in the primary notice inventory related to bulk default activity, the maturation of the 1998 and 1999 books of business and defaults arising from the early development of the 2000 book of business. The primary insurance notice inventory increased from 37,422 at December 31, 2000 to 54,653 at December 31, 2001 and pool insurance notice
inventory increased from 18,209 at December 31, 2000 to 23,623 at December 31, 2001. Included in the notice inventory was the bulk notice inventory of 18,460 at December 31, 2001 and 7,533 at December 31, 2000. The default rate at December 31, 2001 was $3.46 \%$ compared to $2.58 \%$ at December 31, 2000. Excluding bulk defaults, the default rates were $2.65 \%$ and $2.19 \%$ at December 31, 2001 and 2000, respectively. The default rates on bulk loans were $8.59 \%$ and $9.02 \%$ at December 31, 2001 and 2000, respectively. The average claim paid for 2001 was $\$ 18,607$ compared to $\$ 18,977$ in 2000.

The favorable development of the reserves in 2001, 2000 and 1999 is reflected in the prior year line, and results from the actual claim rates and actual claim amounts being lower than those estimated by the Company when originally establishing the reserve at December 31, 2000, 1999 and 1998, respectively.

The lower portion of the table above shows the breakdown between claims paid on default notices received in the current year and default notices received in prior years. Since it takes, on average, about twelve months for a default which is not cured to develop into a paid claim, most losses paid relate to default notices received in prior years.

## 7. Reinsurance

The Company cedes a portion of its business to reinsurers and records assets for reinsurance recoverable on estimated reserves for unpaid losses and unearned premiums. Business written between 1985 and 1993 is ceded under various quota share reinsurance agreements with several reinsurers. The Company receives a ceding commission in connection with this reinsurance. Beginning in 1997, the Company has ceded business to captive reinsurance subsidiaries of certain mortgage lenders primarily under excess of loss reinsurance agreements.

The reinsurance recoverable on loss reserves and the reinsurance recoverable on unearned premiums primarily represent amounts recoverable from large international reinsurers. The Company monitors the financial strength of its reinsurers including their claims paying ability rating and does not currently anticipate any collection problems. Generally, reinsurance recoverables on loss reserves and unearned premiums are backed by trust funds or letters of credit. No reinsurer represents more than $\$ 10$ million of the aggregate amount recoverable.

As a result of the purchase of MIC on December 31, 1998, reinsurance recoverable on loss reserves as shown in the Consolidated Balance Sheet includes approximately $\$ 11$ million and $\$ 15$ million of reinsured loss reserves at December 31, 2001 and December 31, 2000, respectively.

The effect of reinsurance on premiums earned and losses incurred is as follows:

|  |  | 2001 |  | 2000 |  | 1999 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |  |  |
| Premiums earned: |  |  |  |  |  |  |
| Direct | \$ | 1,107,168 | \$ | 939,981 | \$ | 819,485 |
| Assumed..................... |  | 686 |  | 999 |  | 1,442 |
| Ceded. |  | $(65,587)$ |  | $(50,889)$ |  | $(28,346)$ |
| Net premiums earned..... | \$ | 1,042,267 | \$ | 890,091 | \$ | 792,581 |
| Losses incurred: |  |  |  |  |  |  |
| Direct ........................ | \$ | 157,360 | \$ | 93,218 | \$ | 94,920 |
| Assumed..................... |  | (123) |  | 35 |  | $(1,332)$ |
| Ceded. |  | 3,577 |  | $(1,530)$ |  | 3,608 |
| Net losses incurred......... | \$ | 160,814 | \$ | 91,723 | \$ | 97,196 |

## 8. Investments in joint ventures

C-BASS engages in the acquisition and resolution of delinquent single-family residential mortgage loans ("mortgage loans"). C-BASS also purchases and sells mortgage-backed securities ("mortgage securities"), interests in real estate mortgage investment conduit residuals and performs mortgage loan servicing. In addition, C-BASS issues mortgage-backed debt securities collateralized by mortgage loans and mortgage securities. Substantially all of C-BASS's mortgagerelated assets do not have readily ascertainable market values and as a result their value for financial statement purposes is estimated by the management of C-BASS. Market value adjustments could impact the Company's share of C-BASS's results of operations.

Total combined assets of C-BASS at December 31, 2001 and 2000 were approximately $\$ 1.3$ billion and $\$ 1.0$ billion, respectively, of which approximately $\$ 1,071$ million and $\$ 867$ million, respectively, were mortgage-related assets, including open trades. Total liabilities at December 31, 2001 and 2000 were approximately $\$ 981$ million and $\$ 765$ million, respectively, of which approximately $\$ 938$ million and $\$ 746$ million, respectively, were funding arrangements, including accrued interest. For the years ended December 31, 2001 and 2000, revenues of approximately $\$ 216$ million and $\$ 153$ million, respectively, and expenses of approximately

## Notes (continued)

$\$ 130$ million and $\$ 97$ million, respectively, resulted in income before tax of approximately $\$ 86$ million and $\$ 56$ million, respectively. The Company's investment in C-BASS on an equity basis at December 31, 2001 was $\$ 127.8$ million.

Sherman is engaged in the business of purchasing, servicing and securitizing delinquent unsecured consumer assets such as credit card loans and Chapter 13 bankruptcy debt. A substantial portion of Sherman's consolidated assets are investments in receivable
portfolios that do not have readily ascertainable market values and as a result their value for financial statement purposes is estimated by the management of Sherman. Market value adjustments could impact the Company's share of Sherman's results of operations. The Company's investment in Sherman on an equity basis at December 31, 2001 was $\$ 36.1$ million.

The Company expects that it will provide additional funding to the joint ventures.

## 9. Benefit plans

The following tables provide reconciliations of the changes in the benefit obligation, fair value of plan assets and funded status of the pension and other postretirement benefit plans:

|  | Pension Benefits |  |  |  | Other PostretirementBenefits |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2000 |  | 2001 |  | 2000 |  |
|  | (In thousands of dollars) |  |  |  |  |  |  |  |
| Reconciliation of benefit obligation: |  |  |  |  |  |  |  |  |
| Benefit obligation at beginning of year | \$ | 74,182 | \$ | 69,971 | \$ | 27,924 | \$ | 24,512 |
| Service cost. |  | 5,113 |  | 4,734 |  | 2,065 |  | 1,943 |
| Interest cost. |  | 5,518 |  | 4,885 |  | 2,056 |  | 1,831 |
| Plan transfer. |  | 1,202 |  | - |  | - |  | - |
| Actuarial loss (gain). |  | 6,838 |  | $(4,341)$ |  | 5,336 |  | (18) |
| Benefits paid |  | $(1,224)$ |  | $(1,067)$ |  | (649) |  | (344) |
| Benefit obligation at end of year... | \$ | 91,629 | \$ | 74,182 | \$ | 36,732 | \$ | 27,924 |
| Reconciliation of fair value of plan assets: |  |  |  |  |  |  |  |  |
| Fair value of plan assets at beginning of year...................................................... | \$ | 86,285 | \$ | 86,848 | \$ | 13,556 | \$ | 13,330 |
| Actual return on plan assets. |  | $(4,385)$ |  | $(1,627)$ |  | $(1,095)$ |  | (524) |
| Employer contributions |  | 9,483 |  | 2,131 |  | 1,641 |  | 750 |
| Benefits paid. |  | $(1,224)$ |  | $(1,067)$ |  | - |  | - |
| Fair value of plan assets at end of year. | \$ | 90,159 | \$ | 86,285 | \$ | 14,102 | \$ | 13,556 |
| Reconciliation of funded status: |  |  |  |  |  |  |  |  |
| Benefit obligation at end of year.. | \$ | $(91,629)$ | \$ | $(74,182)$ | \$ | $(36,732)$ | \$ | $(27,924)$ |
| Fair value of plan assets at end of year. |  | 90,159 |  | 86,285 |  | 14,102 |  | 13,556 |
| Funded status at end of year. |  | $(1,470)$ |  | 12,103 |  | $(22,630)$ |  | $(14,368)$ |
| Unrecognized net actuarial loss (gain).. |  | 8,935 |  | $(7,977)$ |  | 4,075 |  | $(3,426)$ |
| Unrecognized net transition obligation. |  | - |  | - |  | 5,829 |  | 6,359 |
| Unrecognized prior service cost . |  | 2,864 |  | 2,176 |  | - |  | - |
| Prepaid (accrued) benefit cost .......................................................................... | \$ | 10,329 | \$ | 6,302 |  | $(12,726)$ | \$ | $(11,435)$ |

The following table provides the components of net periodic benefit cost for the pension and other postretirement benefit plans:

|  | Pension Benefits |  |  |  |  |  | Other Postretirement Benefits |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2000 |  | 1999 |  | 2001 |  | 2000 |  | 1999 |  |
|  | (In thousands of dollars) |  |  |  |  |  |  |  |  |  |  |  |
| Service cost. | \$ | 5,113 | \$ | 4,734 | \$ | 5,869 | \$ | 2,065 | \$ | 1,943 | \$ | 2,041 |
| Interest cost. |  | 5,518 |  | 4,885 |  | 4,677 |  | 2,056 |  | 1,831 |  | 1,644 |
| Expected return on plan assets ... |  | $(6,350)$ |  | $(6,496)$ |  | $(5,543)$ |  | $(1,016)$ |  | $(1,009)$ |  | (844) |
| Recognized net actuarial gain |  | (27) |  | (520) |  | - |  | (54) |  | (146) |  | (17) |
| Amortization of transition obligation.... |  | - |  | 32 |  | 32 |  | 530 |  | 530 |  | 530 |
| Amortization of prior service cost. |  | 232 |  | 183 |  | 183 |  | - |  | - |  | - |
| Net periodic benefit cost..................................... | \$ | 4,486 | \$ | 2,818 | \$ | 5,218 | \$ | 3,581 | \$ | 3,149 | \$ | 3,354 |

The assumptions used in the measurement of the Company's pension and other postretirement benefit obligations are shown in the following table:

|  | Pension Benefits |  |  | Other Postretirement Benefits |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 | 2000 | 1999 | 2001 | 2000 | 1999 |
| Weighted-average interest rate assumptions as of December 31: |  |  |  |  |  |  |
| Discount rate.......................................... | 7.0\% | 7.5\% | 7.5\% | 7.0\% | 7.5\% | 7.5\% |
| Expected return on plan assets.................. | 7.5\% | 7.5\% | 7.5\% | 7.5\% | 7.5\% | 7.5\% |
| Rate of compensation increase.................... | 6.0\% | 6.0\% | 6.0\% | N/A | N/A | N/A |

Plan assets consist of fixed maturities and equity securities. The Company is amortizing the unrecognized transition obligation for other postretirement benefits over 20 years.

The assumed health care cost trend rate used in measuring the accumulated postretirement benefit obligation is:

| Medical Pre $65 \ldots \ldots \ldots$ | $9.0 \%$ for 2001 graded down by $0.5 \%$ to $6.0 \%$ in 2007 and <br> remaining level thereafter. |
| :--- | :--- |
| Medical Post $65 \ldots \ldots$. | $9.0 \%$ for 2001 graded down by $0.5 \%$ to $6.0 \%$ in 2007 and <br> remaining at $6.0 \%$ thereafter. |
| Dental................. | $6.0 \%$ per year. |

A $1 \%$ change in the health care trend rate assumption would have the following effects on other postretirement benefits:

|  | 1-Percentage Point Increase |  | 1-Percentage Point Decrease |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |
| Effect on total service and interest cost components | \$ | 844 | \$ | (721) |
| Effect on postretirement benefit obligation |  | 6,896 |  | $(5,966)$ |

The Company has a profit sharing and $401(\mathrm{k})$ savings plan for employees. At the discretion of the Board of

Directors, the Company may make a profit sharing contribution of up to $5 \%$ of each participant's compensation. The Company provides a matching 401(k) savings contribution on employees' before-tax contributions at a rate of $80 \%$ of the first $\$ 1,000$ contributed and $40 \%$ of the next $\$ 2,000$ contributed. Profit sharing costs and the Company's matching contributions to the 401(k) savings plan were $\$ 5.8$ million, $\$ 4.7$ million and $\$ 5.3$ million in 2001, 2000 and 1999, respectively.

## 10. Income taxes

The components of the net deferred tax liability as of December 31, 2001 and 2000 are as follows:


At December 31, 2001, gross deferred tax assets and liabilities amount to $\$ 70.8$ million and $\$ 177.2$ million, respectively. Management believes that all gross deferred tax assets at December 31, 2001 are fully realizable and no valuation reserve is established.

The following summarizes the components of the provision for income tax:


The Company paid $\$ 271.3$ million, $\$ 199.9$ million and $\$ 173.1$ million in federal income tax in 2001, 2000 and 1999, respectively. At December 31, 2001 and 2000, the Company owned $\$ 1,004.3$ million and $\$ 838.0$ million, respectively, of tax and loss bonds.

The reconciliation of the tax provision computed at the federal tax rate of $35 \%$ to the reported provision for income tax is as follows:

|  | 2001 |  | 2000 |  | 1999 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (In thousands of dollars) |  |  |  |  |  |
| Tax provision computed at federal tax rate. | \$ | 326,169 | \$ | 276,080 | \$ | 238,354 |
| (Decrease) increase in tax provision resulting from: |  |  |  |  |  |  |
| Tax exempt municipal bond interest |  | $(35,715)$ |  | $(32,350)$ |  | $(31,851)$ |
| Other, net |  | 2,319 |  | 3,072 |  | 4,306 |
| Provision for income tax | \$ | 292,773 | \$ | 246,802 | \$ | 210,809 |

## 11. Shareholders' equity and dividend restrictions

The Company's insurance subsidiaries are subject to statutory regulations as to maintenance of policyholders' surplus and payment of dividends. The maximum amount of dividends that the insurance subsidiaries may pay in any twelve-month period without regulatory approval by the Office of the Commissioner of Insurance of the State of Wisconsin ("OCI") is the lesser of adjusted statutory net income or $10 \%$ of statutory policyholders' surplus as of the preceding calendar year end. Adjusted statutory net income is defined for this purpose to be the greater of statutory net income, net of realized investment gains, for the calendar year preceding the date of the dividend or statutory net
income, net of realized investment gains, for the three calendar years preceding the date of the dividend less dividends paid within the first two of the preceding three calendar years. In 2002, MGIC can pay $\$ 137.4$ million of dividends and the other insurance subsidiaries of the Company can pay $\$ 7.8$ million of dividends without such regulatory approval.

Certain of the Company's non-insurance subsidiaries also have requirements as to maintenance of net worth. These restrictions could also affect the Company's ability to pay dividends.

In 2001, 2000 and 1999, the Company paid dividends of $\$ 10.7$ million, $\$ 10.6$ million and $\$ 10.8$ million, respectively, or $\$ 0.10$ per share in 2001, 2000 and 1999.

The principles used in determining statutory financial amounts differ from generally accepted accounting principles ("GAAP"), primarily for the following reasons:

Under statutory accounting practices, mortgage guaranty insurance companies are required to maintain contingency loss reserves equal to $50 \%$ of premiums earned. Such amounts cannot be withdrawn for a period of ten years except as permitted by insurance regulations. Contingency loss reserves are not reflected as liabilities under GAAP.

Under statutory accounting practices, insurance policy acquisition costs are charged against operations in the year incurred. Under GAAP, these costs are deferred and amortized as the related premiums are earned commensurate with the expiration of risk.

Under statutory accounting practices, purchases of tax and loss bonds are accounted for as investments. Under GAAP, purchases of tax and loss bonds are recorded as payments of current income taxes.

Under statutory accounting practices, fixed maturity investments are valued at amortized cost. Under GAAP, those investments which the Company does not have the ability and intent to hold to maturity are considered to be available for sale and are recorded at market, with the unrealized gain or loss recognized, net of tax, as an increase or decrease to shareholders' equity.

The statutory net income, equity and the contingency reserve liability of the insurance subsidiaries (excluding the non-insurance companies) are as follows:

| $\begin{array}{c}\text { Year Ended } \\ \text { December 31, }\end{array}$ |
| :---: |
| 2001 |
| 2000 |
| 1999 |


| NetIncome |  | Equity |  | ContingencyReserve |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (In thousands of dollars) |  |  |  |  |  |
| \$ | 426,294 | \$ | 1,451,808 | \$ | 3,039,332 |
|  | 348,137 |  | 991,343 |  | 2,616,653 |
|  | 296,287 |  | 637,234 |  | 2,253,418 |

The differences between the statutory net income and equity presented above for the insurance subsidiaries and the consolidated net income and equity presented on a GAAP basis primarily represent the differences between GAAP and statutory accounting practices, and the effect of the treasury shares on consolidated equity.

In 1998, the NAIC adopted the Codification of Statutory Accounting Principles guidance, which replaces the current Accounting Practices and Procedures manual as the NAIC's primary guidance on statutory accounting as of January 1, 2001. The Codification provides guidance for areas where statutory accounting has been silent and also changes current statutory accounting in other areas. The OCI has adopted the Codification guidance, effective January 1, 2001. The effect of the adoption has not had a material impact on the Company's insurance subsidiaries' statutory surplus. The most significant change affecting surplus is the requirement to record deferred income taxes.

The Company has a stock option plan which permits certain officers and employees to purchase common stock at specified prices. A summary of activity in the stock option plans during 1999, 2000 and 2001 is as follows:

|  | Average Exercise Price |  | Shares Subject to Option |
| :---: | :---: | :---: | :---: |
| Outstanding, December 31, 1998 | \$ | 24.87 | 3,193,924 |
| Granted |  | 42.29 | 791,750 |
| Exercised. |  | 8.74 | $(413,930)$ |
| Canceled. |  | 45.94 | $(25,480)$ |
| Outstanding, December 31, 1999 |  | 30.52 | 3,546,264 |
| Granted. |  | 45.40 | 954,000 |
| Exercised. |  | 16.91 | $(1,080,208)$ |
| Canceled. |  | 37.96 | $(35,060)$ |
| Outstanding, December 31, 2000 |  | 38.96 | 3,384,996 |
| Granted.. |  | 57.90 | 533,750 |
| Exercised. |  | 29.28 | $(555,952)$ |
| Canceled. |  | 44.15 | $(25,107)$ |
| Outstanding, December 31, 2001 |  | 43.56 | 3,337,687 |

The exercise price of the options granted in 1999, 2000 and 2001 was equal to the market value of the stock on the date of grant. The options are exercisable between one and ten years after the date of grant. At December 31, 2001, 1,270,959 shares were available for future grant under the stock option plan.

The Company adopted the disclosure-only provisions of Statement of Financial Accounting Standards No. 123, Accounting for Stock-Based Compensation ("SFAS 123"). Had compensation cost for the Company's stock option plan been determined based on the fair value method described by SFAS 123, the Company's net income and earnings per share would have been reduced to the pro forma amounts indicated below (in thousands, except per share data):

|  | Year Ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2001 |  | 2000 |  | 1999 |  |
| Net income | \$ | 625,654 | \$ | 530,625 | \$ | 464,793 |
| Earnings per share: |  |  |  |  |  |  |
| Basic.. | \$ | 5.85 | \$ | 5.00 | \$ | 4.30 |
| Diluted | \$ | 5.80 | \$ | 4.95 | \$ | 4.25 |

The fair value of these options was estimated at grant date using the Black-Scholes option pricing model with the following weighted average assumptions for each year:

|  | Grants Issued in Year Ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2001 | 2000 | 1999 |
| Risk free interest rate......... | 5.10\% | 6.75\% | 5.18\% |
| Expected life.................... | 5.0 years | 6.8 years | 5.4 years |
| Expected volatility ............ | 39.64\% | 33.62\% | 33.55\% |
| Expected dividend yield ..... | 0.16\% | 0.15\% | 0.16\% |
| Fair value of each option .... | \$24.43 | \$21.96 | \$16.70 |

The following is a summary of stock options outstanding at December 31, 2001:

| Exercise <br> Price Range | Options Outstanding |  |  | Options Exercisable |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shares | Remaining Average Life (yrs.) | Average Exercise Price | Shares | Average Exercise Price |
| \$9.63-\$20.88 | 157,100 | 2.1 | \$ 15.65 | 157,100 | \$ 15.65 |
| \$26.69-\$47.31 | 2,531,437 | 6.7 | 41.29 | 1,240,368 | 38.38 |
| \$53.70-\$68.63 | 649,150 | 8.4 | 59.17 | 89,300 | 64.50 |
| Total | 3,337,687 | 6.8 | 43.56 | 1,486,768 | 37.55 |

At December 31, 2000 and 1999, option shares of 1,229,038 and 1,721,204 were exercisable at an average exercise price of $\$ 31.93$ and $\$ 20.03$, respectively. The Company also granted an immaterial amount of equity
instruments other than options during 1999, 2000 and 2001.

The Company adopted a Shareholder Rights Plan on July 22, 1999. Under terms of the plan, on August 9, 1999, Common Share Purchase Rights were distributed as a dividend at the rate of one Common Share Purchase Right for each outstanding share of the Company's Common Stock. The "Distribution Date" occurs ten days after an announcement that a person has acquired 15 percent or more of the Company's Common Stock (the date on which such an acquisition occurs is the "Shares Acquisition Date" and a person who makes such an acquisition is an "Acquiring Person"), or ten business days after a person announces or begins a tender offer in which consummation of such offer would result in ownership by a person of 15 percent or more of the Common Stock. The Rights are not exercisable until the Distribution Date. Each Right will initially entitle shareholders to buy one-half of one share of the Company's Common Stock at a Purchase Price of $\$ 225$ per full share (equivalent to $\$ 112.50$ for each one-half share), subject to adjustment. If there is an Acquiring Person, then each Right (subject to certain limitations) will entitle its holder to purchase, at the Rights' then-current Purchase Price, a number of shares of Common Stock of the Company (or if after the Shares Acquisition Date, the Company is acquired in a business combination, common shares of the acquirer) having a market value at the time equal to twice the Purchase Price. The Rights will expire on July 22, 2009, subject to extension. The Rights are redeemable at a price of $\$ 0.001$ per Right at any time prior to the time a person becomes an Acquiring Person. Other than certain amendments, the Board of Directors may amend the Rights in any respect without the consent of the holders of the Rights.

## 12. Leases

The Company leases certain office space as well as data processing equipment and autos under operating leases that expire during the next seven years. Generally, all rental payments are fixed.

Total rental expense under operating leases was $\$ 6.7$ million, $\$ 5.3$ million and $\$ 5.5$ million in 2001, 2000 and 1999, respectively.

At December 31, 2001, minimum future operating lease payments are as follows (in thousands of dollars):

| 2002................................... \$ | \$ 5,709 |
| :---: | :---: |
| 2003. | 4,519 |
| 2004.................................... | 2,131 |
| 2005 ................................... | 1,047 |
| 2006. | 232 |
| 2007 and thereafter... | 0 |
| Total ................................ \$ | \$ 13,638 |

## 13. Contingencies and litigation settlement

The Company is involved in litigation in the ordinary course of business. In the opinion of management, the ultimate resolution of this pending litigation will not have a material adverse effect on the financial position or results of operations of the Company.

In addition, in June 2001, the Federal District Court for the Southern District of Georgia, before which Downey et. al. v. MGIC is pending, issued a final order approving a settlement agreement and certified a nationwide class of borrowers. In the fourth quarter of 2000 , the Company recorded a $\$ 23.2$ million charge to cover the estimated costs of the settlement, including payments to borrowers. Due to appeals of related orders denying certain class members the right to intervene to challenge certain aspects of the settlement in Downey and two related cases, payments to borrowers in the settlement are delayed pending the outcome of the appeals. The settlement includes an injunction that prohibits certain practices and specifies the basis on which agency pool insurance, captive mortgage reinsurance, contract underwriting and other products may be provided in compliance with the Real Estate Settlement Procedures Act.

The complaint in the case alleges that MGIC violated the Real Estate Settlement Procedures Act by providing agency pool insurance, captive mortgage reinsurance, contract underwriting and other products that were not properly priced, in return for the referral of mortgage insurance. The complaint seeks damages of three times the amount of the mortgage insurance premiums that have been paid and that will be paid at the time of judgment for the mortgage insurance found to be involved in a violation of the Real Estate Settlement Procedures Act. The complaint also seeks injunctive
relief, including prohibiting MGIC from receiving future premium payments. If the settlement is not fully implemented, the litigation will continue. In these circumstances, there can be no assurance that the ultimate outcome of the litigation will not materially affect the Company's financial position or results of operations.

## Report of Independent Accountants

To the Board of Directors \& Shareholders of MGIC Investment Corporation

In our opinion, the accompanying consolidated balance sheet and the related consolidated statements of operations, of shareholders' equity and of cash flows present fairly, in all material respects, the financial position of MGIC Investment Corporation and Subsidiaries (the "Company") at December 31, 2001 and 2000, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2001, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Company's management; our responsibility is to express an opinion on these financial
statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.


Milwaukee, Wisconsin
January 9, 2002

## Unaudited quarterly financial data


(a) Due to the use of weighted average shares outstanding when calculating earnings per share, the sum of the quarterly per share data may not equal the per share data for the year.

## Directors

James A. Abbott
Chairman and Principal
American Security Mortgage Corp.
Charlotte, NC
A mortgage banking company
Mary K. Bush
President
Bush \& Company
Washington, D.C.
An international financial advisory firm

## Karl E. Case

Professor of Economics
Wellesley College
Wellesley, MA

Curt S. Culver
President and Chief Executive Officer
MGIC Investment Corporation Milwaukee, WI
David S. Engelman
Interim Chief Executive Officer
Fleetwood Enterprises, Inc.
Riverside, CA
A manufacturer of recreational vehicles and manufactured housing
Thomas M. Hagerty
Managing Director
Thomas H. Lee Company
Boston, MA
A private investment firm

Kenneth M. Jastrow, II
Chairman and Chief Executive Officer
Temple-Inland Inc.
Austin, TX
A holding company with interests in paper, forest products and financial services

## Daniel P. Kearney

Business Consultant and Private Investor
Marblehead, MA
Michael E. Lehman
Executive Vice President and Chief
Financial Officer
Sun Microsystems, Inc.
Palo Alto, CA
A provider of computer systems and professional support services

## Sheldon B. Lubar

Chairman
Lubar \& Co. Incorporated
Milwaukee, WI
A private investment and management firm
William A. McIntosh
Adjunct Faculty Member
Howard University
Washington, D.C.
Leslie M. Muma
President and Chief Executive Officer
Fiserv, Inc.
Brookfield, WI
A financial industry automation products and services company

## Officers

MGIC Investment Corporation
President and Chief Executive Officer
Curt S. Culver
Executive Vice Presidents
John D. Fisk
Strategic Planning
J. Michael Lauer

Chief Financial Officer
Senior Vice Presidents
Jeffrey H. Lane
General Counsel and Secretary
Patrick Sinks
Controller and Chief Accounting Officer
Joseph J. Ziino, Jr.
Regulatory Relations, Associate General Counsel and Assistant Secretary
Vice President
James A. Karpowicz
Treasurer
Mortgage Guaranty Insurance
Corporation
President and Chief Executive Officer
Curt S. Culver
Executive Vice Presidents
John D. Fisk
Strategic Planning
J. Michael Lauer

Chief Financial Officer
James S. MacLeod
Field Operations

Lawrence J. Pierzchalski
Risk Management
Lou T. Zellner
Corporate Development
Senior Vice Presidents
Jeffrey H. Lane
General Counsel and Secretary
Michael G. Meade
Information Services
Patrick Sinks
Controller and Chief
Accounting Officer
Steven T. Snodgrass
Capital Markets
Joseph J. Ziino, Jr.
Regulatory Relations, Associate
General Counsel and Assistant
Secretary
Vice Presidents
Gary A. Antonovich
Internal Audit
Stephen L. Blose
Corporate Development
Norman E. Christman
National Accounts
Mark F. Conrad
National Accounts
Stephen M. Dempsey
Sales
Larry M. Dew, Jr.
National Accounts
Thomas A. Drew
Claims

Sandra K. Dunst
Capital Markets Operations
Henry W. Duvall, Jr.
Managing Director
Carla A. Gallas
Field Operations
David A. Greco
National Accounts
Frank E. Hilliard
Managing Director
Steven F. Himebauch
National Accounts
James J. Hlavacek
National Accounts
James J. Hughes
Managing Director
W. Thomas Hughes

Managing Director
Malcom T. Hurst Sales
James A. Karpowicz
Treasurer
Joseph J. Komanecki
Tax
John D. Ludwick
Human Resources
Robin D. Mallory
Managing Director
Mark E. Marple
Mortgage Banking Strategies
James A. McGinnis
Investor Relations

Salvatore A. Miosi
Information Services
Charlotte L. Reed
Information Services
Eric L. Rice
Sales
John R. Schroeder
Credit Policy
Dan D. Stilwell
Assistant General Counsel and Assistant Secretary
James R. Stirling
Information Services
Thomas B. Theobald
National Accounts
Steven M. Thompson
Risk Management
Bernhard W. Verhoeven
Risk Management
Cheryl L. Webb
Marketing
E. Stephen White

Managing Director
John S. Wiseman
Managing Director
Jerry L. Wormmeester
Sales
Terrance R. Wright
Regulatory Relations
Michael J. Zimmerman
Mortgage Banking Strategies

The Annual Meeting
The Annual Meeting of Shareholders of MGIC Investment
Corporation will convene at 9 a.m. Central Time on May 2, 2002 in the Bradley Pavilion, Marcus Center for the Performing Arts, 929 North Water Street, Milwaukee, Wisconsin.

## 10-K Report

Copies of the Annual Report on Form 10-K, filed with the Securities and Exchange Commission, will be available without charge after April 1, 2002, to shareholders on request from: Secretary
MGIC Investment Corporation
P. O. Box 488

Milwaukee, WI 53201
Transfer Agent and Registrar
U.S. Bank, N.A.

Corporate Trust Services
1555 North RiverCenter Drive
Suite 301
Milwaukee, Wisconsin 53212
(414) 276-3737
(800) 637-7549

Corporate Headquarters
MGIC Plaza
250 East Kilbourn Avenue
Milwaukee, Wisconsin 53202
Mailing Address
P. O. Box 488

Milwaukee, Wisconsin 53201
Shareholders' Services
(414) 347-6596

MGIC Stock
MGIC Investment Corporation Common Stock is listed on the New York Stock Exchange under the symbol MTG. At
December 31, 2001, 106,086,594 shares were outstanding. The following table sets forth for 2000 and 2001 by quarter the high and low sales prices of the Common Stock on the New York Stock Exchange Composite Tape.

| Quarters | 2000 |  |  |  | 2001 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | High |  | Low |  | High |  | Low |
| 1st | \$ | 59.2500 | \$ | 31.9375 | \$ | 69.3600 | \$ | 51.0000 |
| 2nd |  | 54.8750 |  | 42.0000 |  | 77.3100 |  | 61.0000 |
| 3rd |  | 64.3125 |  | 44.7500 |  | 76.5000 |  | 54.0000 |
| 4th |  | 71.5000 |  | 58.5000 |  | 66.2000 |  | 50.5600 |

In 2000 and 2001 the Company declared and paid the following cash dividends:

|  |  | 2000 |  | 2001 |
| :---: | :---: | :---: | :---: | :---: |
| Ouarters |  |  |  |  |
| 1st | \$ | . 025 | \$ | . 025 |
| 2 nd |  | . 025 |  | . 025 |
| 3 rd |  | . 025 |  | . 025 |
| 4th |  | . 025 |  | . 025 |
|  | \$ | . 100 | \$ | . 100 |

The Company is a holding company and the payment of dividends from its insurance subsidiaries is restricted by insurance regulation. For a discussion of these restrictions, see the sixth paragraph under "Management's Discussion and Analysis - Liquidity and Capital Resources" and Note 11 of the Notes to the Consolidated Financial Statements.

As of March 4, 2002, the number of shareholders of record was 244. In addition, there were approximately 107,400 beneficial owners of shares held by brokers and fiduciaries.

## MGIC Investment Corporation

MGIC Plaza, Milwaukee, Wisconsin 53202


[^0]:    A brief description of the Company's business is contained in Note 1 to the Consolidated Financial Statements of the Company.

