

MASSMUTUAL CORPORATE INVESTORS

Form N-30D

February 27, 2002

MassMutual Corporate Investors

2001 Annual Report

G R O W T H

S T R E N G T H

D I V E R S I T Y

[LOGO]

MassMutual Corporate Investors

Investment Objective and Policy

The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The principal investments are long-term corporate debt obligations and occasionally preferred stocks purchased directly from issuers. These provide a fixed yield and potential capital gains through warrants, conversion rights, or other equity features which are a prerequisite to every private placement purchased.

The Trust holds investments in a number of companies that are not publicly traded at this time. Capital gains may be realized on holdings of private companies through various methods, including directly negotiated sales, put options and initial public offerings of stock.

The Trust is managed on a total return basis. Based on change in net asset value with reinvested dividends, the Trust was ranked #1 for the five- and ten-year periods (out of 297 and 147 funds, respectively) ended December 31, 2001 among the closed-end bond funds tracked by Lipper, Inc. Dividends are paid to shareholders quarterly in January, May, August and November. The Trust intends to distribute nearly all of its net income to shareholders each year. Dividends are paid in cash, unless the shareholder elects to participate in the Dividend Reinvestment and Share Purchase Plan.

In this report you will find a complete listing of the Trust's holdings. We

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encourage you to read this section carefully for a better understanding of the Trust. We cordially invite all shareholders to attend the MassMutual Corporate Investors Annual Meeting of Shareholders, which will be held on April 19, 2002 at 2:00 p.m. in Springfield, Massachusetts.

[PHOTO] MassMutual Corporate Investors is a closed-end investment company, first offered to the public nearly 30 years ago and is listed on the New York Stock Exchange.

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[PHOTO OF ROBERT E. JOYAL AND STUART H. REESE]

Robert E. Joyal, CFA
President

Stuart H. Reese, CFA
Chairman

Accumulated value of \$100 reinvested in MassMutual Corporate Investors vs. the average of stocks and bonds

Value of \$100 invested 01/01/77

[LINE GRAPH APPEARS HERE]

MassMutual Corporate Investors(1)

S&P Industrial Index(2)

50% S&P Industrial Index and
50% Lehman Brothers Government/
Credit Bond Index

Lehman Brothers Government/
Credit Bond Index(3)

- 1 The Trust's return reflects change in the net asset value per share assuming reinvestment of all distributions. Past performance is no indicator of future results.
- 2 The S&P Industrial Index is a capitalization-weighted index of stocks designed to measure the performance of the industrial sector of the Standard and Poor's 500 Index(R) (the S&P 500 Index(R) minus financials, utilities and transportation stocks). The index does not incur expenses and cannot be purchased directly by investors.
- 3 The Lehman Brothers Government/Credit Bond Index (formerly Lehman Brothers Government/Corporate Bond Index) is an unmanaged measure of major U.S. Government and investment grade corporate bonds with more than one year remaining until the scheduled payment of principal. The index does not incur expenses and cannot be purchased directly by investors.

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MassMutual Corporate Investors

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To Our Shareholders

I am pleased to share with you MassMutual Corporate Investors' (the "Trust") Annual Report covering the year ended December 31, 2001. This past year is one that will be imbedded in our consciousness for a great many years. In addition to the events of September 11th that touched all of our lives, 2001 was a challenging year at every level. The American economy softened through the year as unemployment rose, corporate performance was weak and the stock market continued to lose value. The Federal Reserve Board, led by Chairman Alan Greenspan, attempted to solidify the economy by lowering rates 11 times throughout the year; but their action was to no avail. By early August, the S&P 500 had already lost more than 7% for the year. The events of September 11 solidified a downturn that was already in place. On the positive side, the reduction in rates more than compensated for increasing credit concerns and resulted in the Lehman Brothers Government/Credit Bond Index increasing 8.5% in 2001.

The tough market environment had a significant impact on Initial Public Offerings (IPOs). The market for IPOs was white hot in 1999 and early 2000, led by technology issues. In the year 2000, 386 companies went public, raising roughly \$60 billion as a whole. But then the Internet bubble burst. A severely weakened NASDAQ soured the market for new issues in 2001. IPO activity dropped by two thirds, as only 111 companies went public in 2001.

The leveraged-buyout activity dropped considerably during 2001. The number of transactions decreased by 50% to 171, representing a volume of \$10 billion, which was down 75% from the previous year. The deals that closed in this market typically required more equity than in previous years, as lenders reduced the amount of leverage that they were willing to accept.

The year closed with the NASDAQ down by 21.1%, the S&P 500 down 11.9% and the Dow Jones Industrial Average down 5.4% for the year. Investors heaved a collective sigh of relief, and hoped the new year would bring better news.

This past year brought home to us the core investment thesis that we believe is critical to the success of the Trust: investing in companies that

[PHOTO] The Trust's total rate of return for the year, as measured by the change in the net asset value with reinvested dividends, amounted to 5.9%. This compares favorably to the average of the S&P 500 at a negative 11.9% and the Lehman Brothers Government/Credit Bond Index at 8.5%.

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Total Annual Return (as of 12/31 each year)

	1997	1998	1999	2000	2001
	----	----	----	----	----
MassMutual Corporate Investors (Based on earnings and change in net asset value)	27.14	17.12	7.53	7.28	5.91
S&P Industrial Index	31.04	33.77	25.89	-16.26	-11.67
Lehman Brothers Government/Credit Bond Index*	9.75	9.46	-2.15	11.84	8.50

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*Formerly Lehman Brothers Government/Corporate Bond Index

[PHOTO OF STEPHEN L. KUHN, CLIFFORD M. NOREEN & CHARLES C. MCCOBB]
Left to right: Stephen L. Kuhn, Vice President and Secretary; Clifford M. Noreen, Vice President; Charles C. McCobb, CFA, Vice President and Chief Financial Officer

offer a strong fundamental business proposition, that demonstrate good cash flow, and are managed by people of high ethics who are talented, experienced managers. We look to invest in the everyday products and services that will always be important, regardless of the economic climate.

Over time, we expect the Trust's return to be positioned in-between the returns that are produced by the bond and stock markets. The Trust's total rate of return for the year, as measured by the change in the net asset value with reinvested dividends, amounted to 5.9%. This compares favorably to the average of the S&P 500 at a negative 11.9% and the Lehman Brothers Government/Credit Bond Index at 8.5%. The Trust's total net assets amounted to \$175.1 million at the end of 2001. Dividends totaling \$1.88 per share (\$.47 per quarter) were distributed during the year. The net asset value per share decreased from \$20.74 in 2000 to \$20.07 in 2001.

While the Trust was able to maintain its \$.47 per share quarterly dividend throughout the year, the current dividend level may not be sustainable in 2002. The current normalized quarterly earnings of the Trust are approximately \$.40 per share. The decline in earnings is generally attributable to the recent economic environment, which resulted in both a continued decline in interest rates and recessionary conditions adversely impacting the ability of some borrowers to pay their obligations. Portfolio earnings are unlikely to rebound to the \$.47 per share level in the near future. This dividend has been maintained in current quarters by the distribution of short-term capital gains, which cannot necessarily be counted on to sustain future distributions.

This past year brought home to us the core investment thesis that we believe is critical to the success of the Trust: investing in companies that offer a strong fundamental business proposition, that demonstrate good cash flow, and are managed by people of high ethics who are talented, experienced managers.

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MassMutual Corporate Investors

Overall, the Trust closed 13 deals in 2001, including 9 new investments and 4 additions to current positions. Among the new holdings in the portfolio:

- o Coining Corporation of America,
a manufacturer of close tolerance parts and metal stampings.
- o Dexter Magnetics Technologies, Inc.,
a designer, fabricator, assembler and distributor of industrial magnets and subassemblies in North America and Europe.
- o DHD Healthcare, Inc.,
a designer, manufacturer and distributor of plastic, non-invasive medical devices used for respiratory care.
- o Kenan-Advantage Transport Company,
a transporter of light petroleum, petrochemicals, lubricants and residual

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fuels.

o PGT Industries, a manufacturer of residential windows and patio doors and a provider of custom patio rooms and porch enclosures.

You will find details of all the Trust's holdings in the Consolidated Schedule of Investments.

[PHOTO] The Trust will continue its disciplined approach of focusing on investing in companies that offer good value on a risk-adjusted basis.

[PHOTO OF RICHARD E. SPENCER, II, MICHAEL L. KLOFAS, MICHAEL P. HERMSEN & RICHARD C. MORRISON] Officers of the Trust (left to right): Richard E. Spencer, II, Michael L. Klofas, Michael P. Hermsen, Richard C. Morrison

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Preview of 2002

Although the current economic environment remains challenging, we believe that this is an opportune time to invest for the future. As an example, one of the types of investments that the Trust makes consists of Senior or Subordinated Notes issued by companies that are being purchased in a leveraged-buyout. Leveraged-buyout opportunities have become significantly more conservative during the past year, as sponsors have been required to contribute a higher percentage of equity to the deal resulting in less leverage to the Senior and Subordinated Notes.

The Trust will continue its disciplined approach of focusing on investing in companies that offer good value on a risk-adjusted basis. We believe that our investment approach has provided solid returns in the past and is particularly well suited to do so in this unsettled future.

Sincerely,

/s/ Robert Joyal

Robert Joyal
President

Tax Information

Table with 5 columns: 2001 Dividend Payments, Record Date, Net Investment Income, Short-Term Gains, Tax Eff. Rows include Regular dividends for 5/8/01, 8/3/01, 10/31/01, 12/31/01 and a Total Dividends row.

The Trust did not have net long-term capital gains in 2001.

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Annual Dividend Amount per Share	Qualified for Dividend Received Deduction* Percent	Interest Earned on Gov Percent
\$1.88	2.95489%	0.02%

* Not available to individual shareholders.

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Financial Report

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MassMutual Corporate Investors

Consolidated Statements of Assets and Liabilities

DECEMBER 31, 2001 AND 2000

2001

ASSETS:

Investments

(See Consolidated Schedule of Investments)

Corporate restricted securities at fair value

(Cost 2001 - \$197,075,841; 2000 - \$197,300,778)

\$ 165,049,591

Corporate public securities at market value

(Cost 2001 - \$21,113,626; 2000 - \$30,146,217)

17,867,779

Short-term securities at cost plus earned discount which approximates market value

10,543,243

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	193,460,613	
Cash	2,279,910	
Interest and dividends receivable, net	4,197,482	
Receivable for investments sold	233,314	

Total assets	\$ 200,171,319	\$
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LIABILITIES:

Dividend payable	\$ 4,100,864	\$
Payable for investments purchased	-	
Management fee payable	658,419	
Note payable	20,000,000	
Interest payable	187,711	
Accrued expenses	101,295	
Accounts payable	10,483	
Accrued taxes	-	

Total liabilities	25,058,772	
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NET ASSETS:

Common shares, par value \$1.00 per share; an unlimited number authorized	8,725,242
Additional paid-in capital	98,991,865
Retained net realized gain on investments, prior years	100,353,354
Undistributed net investment income	234,208
Undistributed net realized gain on investments	2,079,975
Net unrealized depreciation of investments	(35,272,097)

Total net assets	175,112,547
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Total liabilities and net assets	\$ 200,171,319	\$
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Common shares issued and outstanding	8,725,242
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Net asset value per share	\$ 20.07	\$
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See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Statements of Operations

FOR THE YEARS ENDED DECEMBER 31, 2001 AND 2000

	2001	
INVESTMENT INCOME:		
Interest	\$ 19,005,030	\$
Dividends	484,706	
Total income	19,489,736	

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EXPENSES:		
Management fees		2,704,609
Trustees' fees and expenses		132,122
Transfer agent/registrar's expenses		36,000
Interest		1,515,397
Reports to shareholders		105,000
Audit and legal		80,688
Other		58,786

Total expenses		4,632,602

Net investment income (2001 - \$1.70 per share; 2000 - \$1.96 per share)		14,857,134

NET REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENTS:		
Realized gain on investments		2,340,659
Provision for federal income taxes		-

Net realized gain on investments		2,340,659
Net change in unrealized depreciation of investments		(6,972,666)

Net loss on investments		(4,632,007)

Net increase in net assets resulting from operations	\$	10,225,127
=====		

See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Statements of Cash Flows

FOR THE YEARS ENDED DECEMBER 31, 2001 AND 2000

		2001	
NET INCREASE IN CASH:			
Cash flows from operating activities:			
Interest and dividends received	\$	18,409,290	\$
Interest expense paid		(1,515,397)	
Operating expenses paid		(3,410,757)	
Federal income tax paid		(1,160,120)	

Net cash provided by operating activities		12,323,016	

Cash flows from investing activities:			
(Decrease) increase in short-term portfolio securities, net		(3,257,071)	
Purchase of portfolio securities		(47,296,277)	
Proceeds from disposition of portfolio securities		60,339,624	

Net cash provided by investing activities		9,786,276	

Net cash provided by operating and investing activities		22,109,292	

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Cash flows from financing activities:

Increase in receipts for shares issued on reinvestment of dividends	3,097,428	
Cash dividends paid from net investment income	(16,379,360)	
Cash dividends paid from net realized gain on investments	(7,625,149)	
<hr/>		
Net cash used for financing activities	(20,907,081)	

Net increase in cash	1,202,211	
Cash - beginning of year	1,077,699	
<hr/>		
Cash - end of year	\$ 2,279,910	\$

RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES:

Net decrease in net assets resulting from operations	\$ 10,225,127	\$
<hr/>		
Decrease in investments	12,651,650	
Decrease (increase) in interest and dividends receivable, net	403,881	
Decrease (increase) in receivable for investments sold	1,008,094	
(Decrease) increase in payable for investments purchased	(725,788)	
Increase in management fee payable	61,314	
Increase in interest payable	-	
(Decrease) increase in accounts payable	(343,033)	
(Decrease) increase in accrued expenses	(11,833)	
Decrease in accrued taxes	(1,160,120)	
<hr/>		
Total adjustments to net assets from operations	11,884,165	
<hr/>		
Net cash provided by operating and investing activities	\$ 22,109,292	\$

See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Statements of Changes in Net Assets

FOR THE YEARS ENDED DECEMBER 31, 2001 AND 2000

		2001
DECREASE IN NET ASSETS:		
Operations:		
Net investment income	\$	14,857,134
Net realized gain on investments		2,340,659
Net change in unrealized depreciation of investments		(6,972,666)
<hr/>		
Net increase in net assets resulting from operations		10,225,127
Net increase in shares of beneficial interest transactions		3,097,428
Dividends to shareholders from:		
Net investment income (2001 - \$1.79 per share; 2000 - \$1.96 per share)	(15,594,798)	
Net realized gains on investments (2001 - \$.09 per share; 2000 - \$.80 per share)	(745,707)	
<hr/>		
Total decrease in net assets	(3,017,950)	

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Net Assets, beginning of year 178,130,497

Net Assets, end of year (including undistributed net investment income in 2001 - \$234,208; 2000 - \$939,837) \$ 175,112,547 \$

See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Selected Financial Highlights

SELECTED DATA FOR EACH COMMON SHARE OUTSTANDING:

	For the years ended De					
	2001	2000	1999	1998	1997	1996
Net asset value:						
Beginning of year	\$ 20.74	\$ 22.00	\$ 23.87	\$ 22.65	\$ 20.23	\$ 19.80
Net investment income	1.70	1.96	1.80	1.62	1.49	1.32
Net realized and unrealized (loss) gain on investments	(0.53)	(0.46)	(0.94)	1.51	2.87	0.92
Total from investment operations	1.17	1.50	0.86	3.13	4.36	2.24
Dividends from net investment income to common shareholders	(1.79)	(1.96)	(1.73)	(1.60)	(1.42)	(1.35)
Distributions from net realized gain on investments to common shareholders	(0.09)	(0.80)	(1.00)	(0.31)	(0.52)	(0.46)
Change from issuance of shares	0.04	0.00	0.00	0.00	0.00	0.00
Total distributions	(1.84)	(2.76)	(2.73)	(1.91)	(1.94)	(1.81)
Net asset value: End of year	\$ 20.07	\$ 20.74	\$ 22.00	\$ 23.87	\$ 22.65	\$ 20.23
Per share market value: End of year	\$ 20.70	\$ 22.00	\$ 21.38	\$ 23.31	\$ 25.75	\$ 19.25
Total investment return						
Market value	1.88%	17.55%	7.35%	0.77%	52.43%	22.44%
Net asset value	5.91%	7.28%	7.53%	17.12%	27.14%	15.42%
Net assets (in millions):						
End of period	\$175.11	\$178.13	\$188.96	\$205.02	\$192.86	\$172.27
Ratio of operating expenses to average net assets	1.72%	1.47%	1.30%	1.62%	1.69%	1.70%

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Ratio of interest expense to average net assets	0.84%	0.58%	0.52%	0.52%	0.56%	0.61%
Ratio of total expenses to average net assets	2.56%	2.05%	1.82%	2.14%	2.25%	2.31%
Ratio of net investment income to average net assets	8.20%	8.56%	7.63%	6.76%	6.66%	6.44%
Portfolio turnover	24.48%	59.75%	68.04%	60.14%	66.23%	64.89%

All per share amounts have been restated after giving effect to the two-for-one split on the Trust's common shares authorized on December 19, 1997 effective January 20, 1998.

See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date

Corporate Restricted Securities - 94.25%: (A)		

Private Placement Investments - 91.07%		

ADORN, INC.		
A manufacturer of wall panels, cabinets, moldings and countertops for houses and recreational vehicles.		
12.5% Subordinated Note due 2010	\$ 2,125,000	2/29/00
Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B)	364 shs.	2/29/00

ADVENTURE ENTERTAINMENT CORPORATION		
An owner and operator of themed family entertainment centers.		
19% Senior Subordinated Note due 2004 (B)	\$ 207,048	12/9/99
7% Redeemable Preferred Stock	2,188	10/31/97
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	6,447 shs.	10/31/97

ALPHA SHIRT COMPANY		
A domestic distributor of imprintable apparel and other related items.		
12% Senior Subordinated Note due 2007	\$ 3,181,500	4/30/99
Common Stock (B)	1,060 shs.	4/30/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	576 shs.	4/30/99

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 AMERICA'S BODY CO., INC./LCP HOLDING CO.

A designer and manufacturer of commercial work vehicles.

12% Senior Subordinated Note due 2007	\$ 3,500,000	11/2/98
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	58 shs.	11/2/98

BETA BRANDS, INC. - T.S.E.

A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market.

Senior Secured Revolving Credit Note due 2005	\$ 634,253	12/23/97
Senior Secured Tranche A Floating Rate Note due 2004	\$ 2,501,698	*
17.75% Senior Secured Tranche B Note due 2005	\$ 867,935	12/23/97
Limited Partnership Interest of CM Equity Partners (B)	6.27% int.	12/22/97
Warrant, exercisable until 2005, to purchase common stock at \$.81 per share (B)	214,419 shs.	12/23/97

*12/23/97 and 1/31/99.

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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BETTER MINERALS & AGGREGATES

A producer of high grade industrial and specialty silica sands.

14% Redeemable Preferred Stock	869 shs.	9/30/99
Redeemable Preferred Stock Series A (B)	42,001 shs.	12/19/96
Convertible Preferred Stock Series B, convertible into Series B common stock at \$9.26 per share (B)	84,002 shs.	12/19/96
Common Stock (B)	20,027 shs.	9/30/99
Warrants, exercisable until 2005 and 2010, to purchase Series A and B preferred stock and common stock at \$.01 per unit (B)	11,399 shs.	*

*12/19/96 and 9/30/99.

C & K MANUFACTURING AND SALES COMPANY

A manufacturer and distributor of branded packaging and supply products.

Senior Secured Floating Rate Revolving Credit Facility due 2002	\$ 652,244	8/29/96
Senior Secured Series A Floating Rate Term Note due 2002	\$ 2,159,798	8/29/96
12% Series B Term Note due 2004	\$ 476,897	8/29/96

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Membership Interests (B)	5.63% int.	8/29/96
Warrant, exercisable until 2004, to purchase membership interests at \$.01 per interest (B)	36 int.	8/29/96

CAINS FOODS, L.P.

A producer of mayonnaise and sauce products for both the retail and food service markets.

8% Junior Subordinated Convertible Note due 2004, convertible into partnership points at \$1,388.89 per point	\$ 108,108	9/29/95
Warrant, exercisable until 2006, to purchase partnership points at \$.01 per point (B)	39 pts.	9/29/95

CAPEUCCESS LLC

A provider of diversified staffing services.

Preferred Membership Interests (B)	1,882 int.	4/29/00
Common Membership Interests	24,318 int.	4/29/00

CAPITOL SPECIALTY PLASTICS, INC.

A producer of dessicant strips used for packaging pharmaceuticals products.

Common Stock (B)	109 shs.	*
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*12/30/97 and 5/29/99.

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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CHAPARRAL RESOURCES, INC. - O.T.C.

An international oil and gas exploration and production company.

Common Stock (B)	164 shs.	12/3/97
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COINING CORPORATION OF AMERICA

A manufacturer of close tolerance parts and metal stampings.

Senior Secured Floating Rate Tranche A Note due 2008	\$ 1,436,729	6/26/01
12% Senior Secured Tranche B Note due 2008	\$ 648,148	6/26/01
Limited Partnership Interest (B)	324 shs.	6/26/01

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Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	107,036 shs.	6/26/01
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COLIBRI HOLDINGS CORPORATION

A manufacturer and distributor of wild bird feeders and accessories.

12.5% Senior Subordinated Note due 2008	\$ 1,593,750	9/22/00
28% Preferred Stock	71 shs.	11/2/01
Common Stock (B)	1,429 shs.	9/22/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	843 shs.	9/22/00

CONSUMER PRODUCT ENTERPRISES, INC.

A manufacturer of colored acrylic felt for consumer use.

Senior Secured Floating Rate Revolving Credit Note due 2003	\$ 742,085	12/8/95
10.75% Senior Secured Term Note due 2003	\$ 613,774	12/8/95
12% Senior Subordinated Note due 2005	\$ 800,575	12/8/95
Common Stock (B)	184,560 shs.	12/8/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	138,420 shs.	12/8/95

CORVEST GROUP, INC.

A manufacturer and distributor of promotional products.

12% Senior Subordinated Note due 2007	\$ 3,863,636	*
Common Stock (B)	56 shs.	*
Limited Partnership Interest (B)	19.32% int.	*
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	183 shs.	*

*3/5/99 and 3/24/99.

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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DEXTER MAGNETICS TECHNOLOGIES, INC.

A designer, fabricator, assembler, and distributor of industrial magnets and subassemblies in Nor

12% Senior Subordinated Note due 2006	\$ 1,539,855	7/19/01
Common Stock (B)	585 shs.	7/19/01

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Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	297 shs.	7/19/01
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DHD HEALTHCARE, INC.

A designer, manufacturer and distributor of plastic, non-invasive medical devices used for respir

Senior Secured Floating Rate Tranche A Note due 2008	\$ 1,394,530	2/8/01
12% Senior Secured Tranche B Note due 2009	\$ 574,220	2/8/01
Limited Partnership Interest of Riverside Capital Appreciation Fund III, L.P. (B)	2.81%	2/8/01
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	927 shs.	2/8/01

DIRECTED ELECTRONICS, INC.

A designer and distributor of brand name automotive security systems, audio products, and install

12% Senior Subordinated Note due 2007	\$ 3,355,267	12/22/99
8% Convertible Class B Subordinated Promissory Note due 2008	\$ 74,562	12/22/99
Class B Common Stock (B)	26,097 shs.	12/22/99
Limited Partnership Interest	8.70% int.	12/22/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	45,255 shs.	12/22/99

DIVERSCO, INC./ DHI HOLDINGS, INC.

A contract provider of janitorial and equipment maintenance services and temporary production lab

Membership Interests of MM/ Lincap Diversco Investments Ltd. LLC (B)	3.48% int.	8/27/98
Preferred Stock (B)	3,278 shs.	12/14/01
Common Stock (B)	9,725 shs.	12/14/01
Warrants, exercisable until 2003 & 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B)	3,627 shs.	*

*10/24/96 and 8/28/98.

EAST RIVER VENTURES I, L.P.

An acquirer of controlling or substantial interests in other entities.

Limited Partnership Interest	32,191 int.	1/1/01
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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Shares, Units

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Corporate Restricted Securities: (A) continued	Warrants, Ownership or Principal Amount	Acquisition Date
ENZYMATIC THERAPY, INC.		
A manufacturer and distributor of branded natural medicines and nutritional supplements.		
12% Senior Subordinated Note due 2009	\$ 1,593,750	3/30/00
Limited Partnership Interest (B)	1.43% int.	3/30/00
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	478 shs.	3/30/00
EVANS CONSOLES, INC.		
A designer and manufacturer of consoles and control center systems.		
Senior Secured Tranche A Floating Rate Note due 2005	\$ 1,085,800	3/2/98
8.85% Senior Secured Tranche A Note due 2005	\$ 1,085,800	3/2/98
11.75% Senior Secured Tranche B Note due 2006	\$ 700,000	3/2/98
Senior Secured Floating Rate Revolving Credit Facility due 2005	\$ 240,000	3/2/98
Common Stock (B)	26,906 shs.	2/11/98
Limited Partnership Interest of CM Equity Partners (B)	126,445 int.	2/11/98
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	34,783 shs.	3/2/98
EVOLVE SOFTWARE, INC.		
A provider of Internet-based end-to-end solutions for automating professional services organization		
Common Stock (B)	175 shs.	4/20/01
EXAMINATION MANAGEMENT SERVICES, INC.		
A national full-service evidence provider to the insurance industry and a provider of occupational		
12% Senior Subordinated Note due 2007	\$ 2,109,637	3/16/99
Limited Partnership Interest (B)	5.27% int.	3/1/99
Warrants, exercisable until 2007, to purchase common stock at \$.01 per share (B)	77,233 shs.	3/16/99
FAIRMARKET, INC.		
A developer and deliverer of e-business selling and marketing solutions for retailers, distributors		
Common Stock (B)	217 shs.	4/20/01
FASTENERS FOR RETAIL, INC.		
A designer and marketer of low-cost fasteners for point of purchase displays and signage in retail		
12.5% Senior Subordinated Note due 2007	\$ 3,650,000	12/22/99
Class B Common Stock (B)	600 shs.	12/22/99
Warrant, exercisable until 2007, to purchase common stock at \$.02 per share (B)	589 shs.	12/22/99

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DECEMBER 31, 2001

Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date

G C-SUN HOLDINGS, L.P.		
A value-added national distributor of maintenance, repair and operating supplies such as fasteners		
12% Senior Subordinated Note due 2008	\$ 1,725,000	3/2/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	880 shs.	3/2/00

GRAND EXPEDITIONS, INC.		
A luxury travel tour operation provider.		
15% Senior Subordinated Note due 2010 (B)	\$ 2,125,000	6/21/01
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	10,018 shs.	6/21/01

HAMILTON FUNERAL SERVICES CENTERS, INC.		
The largest privately held owner and operator of funeral homes in the United States.		
16.5% Senior Subordinated Note due 2007	\$ 3,593,136	*
Warrant, exercisable until 2007, to purchase common stock at \$1 per share (B)	338,280 shs.	*
*1/25/99 and 7/16/99.		

HIGHGATE CAPITAL LLC		
An acquirer of controlling or substantial interests in manufacturing and marketing entities.		
Series A Preferred Units (B)	100,000 uts.	7/21/94

HUSSEY SEATING COMPANY		
A manufacturer of spectator seating products.		
Senior Secured Floating Rate Revolving Note due 2006	\$ 1,282,500	6/12/96
Senior Secured Floating Rate Note due 2006	\$ 1,203,750	*
Preferred Stock	13,500 shs.	6/12/96
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	7,744 shs.	**

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*6/12/96 and 6/11/99.

**6/12/96 and 1/19/00.

IBEAM BROADCASTING CORPORATION

A provider of an Internet broadcast network that delivers streaming media with viewing and listen

Common Stock (B)	461 shs.	4/20/01
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IMMEDIANT CORPORATION

A provider of diversified staffing services.

Common Stock (B)	6,855 shs.	4/29/00
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MassMutual Corporate Investors

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	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
Corporate Restricted Securities: (A) continued		

INTEGRATION TECHNOLOGY SYSTEMS, INC.

A manufacturer of steel protective computer and network systems for the industrial and office env

11% Senior Secured Note due 2007	\$ 1,963,781	6/1/00
Common Stock (B)	228 shs.	6/1/00

JACKSON PRODUCTS, INC.

A manufacturer and distributor of a variety of industrial and highway safety products.

Common Stock (B)	226 shs.	8/16/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	1,042 shs.	8/16/95

JASON, INC.

A diversified manufacturing company serving various industrial markets.

13% Senior Subordinated Note due 2008	\$ 963,687	8/4/00
14% Cumulative Redeemable Preferred Stock Series A	289 shs.	8/4/00
Limited Partnership Interest of Saw Mill Capital Fund II, L.P. (B)	2.52% int.	8/3/00
Warrants, exercisable until 2008 and 2009, to purchase common stock at \$.01 per share (B)	50,870 shs.	8/4/00

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KAPPLER SAFETY GROUP, INC.

A manufacturer of protective apparel for the industrial /safety, clean room and healthcare market

Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	57,418 shs.	12/2/96
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KEEPSAKE QUILTING, INC.

A seller of quilting fabrics, books, patterns, kits and notions to consumers.

Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,220,035	6/16/00
12% Senior Secured Tranche B Note due 2008	\$ 550,392	6/16/00
Limited Partnership Interest of Riverside XVI Holding Company, L.P. (B)	5.29% int.	6/12/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	1,108 shs.	6/12/00

KENAN-ADVANTAGE TRANSPORT COMPANY

A transporter of light petroleum, petrochemicals, lubricants, and residual fuels.

12.5% Senior Subordinated Note due 2009	\$ 1,817,435	4/30/01
Preferred Stock (B)	307 shs.	4/30/01
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	269 shs.	4/30/01

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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LANCASTER LABORATORIES, INC.

One of the largest laboratory testing operations in the United States.

12% Senior Subordinated Note due 2007	\$ 1,669,643	9/25/00
Common Stock (B)	455,357 shs.	9/25/00
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	405,485 shs.	9/25/00

LIH INVESTORS, L.P.

A manufacturer and marketer of a broad line of external accessories for new and used sport utilit

12.5% Senior Subordinated Note due 2006	\$ 3,845,000	*
Common Stock (B)	58,001 shs.	*

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Warrant, exercisable until 2006, to purchase common stock at \$.11 per share (B)	108,404 shs.	*
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*12/23/98 and 1/28/99.

MAGNETIC DATA TECHNOLOGIES, INC./MDT HOLDINGS LLC

A provider of post-sales and warranty repair services to electronic component manufacturers.

12% Senior Subordinated Note due 2007	\$ 2,700,000	4/8/99
Limited Partnership Interest of MDT Holdings LLC (B)	4.18% int.	4/8/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	665,776 shs.	4/8/99

MAXTEC INTERNATIONAL CORP.

A manufacturer and distributor of remote control operating systems for overhead cranes.

Senior Floating Rate Revolving Credit Facility due 2002	\$ 461,536	6/28/95
Common Stock (B)	76,923 shs.	6/28/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	39,563 shs.	6/28/95

MERIT INDUSTRIES, INC.

A designer and manufacturer of coin-operated video and dart games.

12% Senior Subordinated Note due 2006	\$ 2,796,524	8/19/98
Limited Partnership Interest of Riverside X Holding Company, L.P. (B)	6.30% int.	*
Warrant, exercisable until 2006, to purchase limited partnership interest at \$.01 per share (B)	1,855 int.	8/19/98

*8/12/98, 8/11/99 and 3/3/00.

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MassMutual Corporate Investors

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DECEMBER 31, 2001

Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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MOSS, INC.

A manufacturer and distributor of large display and exhibit structures.

Senior Secured Floating Rate Revolving Note due 2005	\$ 184,910	9/21/00
Senior Secured Tranche A Floating Rate Note due 2007	\$ 1,344,800	9/21/00
12% Senior Secured Tranche B Note due 2008	\$ 420,250	9/21/00
Limited Partnership Interest of Riverside Capital Appreciation Fund I, L.P. (B)	6.23% int.	9/20/00

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Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	463 shs.	9/21/00
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NEXELL THERAPEUTICS, INC.

A provider of cell therapy technology to the medical community.

3% Cumulative Convertible Preferred Stock Series B, due 2008, convertible into common stock at \$2.75 per share	3,875 shs.	11/24/99
Warrant, exercisable until 2008, to purchase common stock at \$12 per share (B)	184,525 shs.	11/24/99

NPC, INC.

A manufacturer of flexible connectors and equipment used in the installation of sewers and storm

Senior Secured Floating Rate Revolving Note due 2006	\$ 249,153	6/25/99
Senior Secured Floating Rate Note due 2006	\$ 2,758,475	6/25/99
12% Senior Secured Tranche B Note due 2007	\$ 978,814	6/25/99
Limited Partnership Interest of Riverside XIII Holding Company, L.P.	4.45% int.	6/11/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	201 shs.	6/25/99

OLYMPIC BOAT CENTERS, INC.

An operator of boat dealerships in Washington state, Wisconsin, Minnesota, and British Columbia.

12% Senior Subordinated Note due 2006	\$ 2,774,000	8/7/98
12% Senior Subordinated Note due 2008	\$ 307,071	2/9/00
Limited Partnership Interest of Riverside VIII Holding Company, L.P. (B)	13.14% int.	*
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	28,648 shs.	**

*8/7/98, 2/23/99 and 12/22/99.

**8/7/98 and 2/9/00.

PAR ACQUISITION CORP.

A manufacturer of fuel handling systems for nuclear power plants and hazardous waste.

Common Stock	83,333 shs.	2/5/93
Common Stock - Class B (B)	133,333 shs.	2/5/93

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Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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PARADIGM PACKAGING, INC.		
A manufacturer of plastic bottles and closures for the nutritional, pharmaceutical, personal care		
12% Senior Subordinated Note due 2008	\$ 2,125,000	12/19/00
Membership Interests of MM/ Lincap PPI Investments, Inc., LLC (B)	265,625 int.	12/21/00
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PGT INDUSTRIES, INC.		
A manufacturer of residential windows and patio doors and a provider of custom patio rooms and po		
12.2% Senior Subordinated Note due 2009	\$ 1,965,000	1/29/01
Common Stock (B)	115 shs.	1/29/01
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	325 shs.	1/29/01
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PHARMACEUTICAL BUYERS, INC.		
A group purchasing organization which specializes in arranging and negotiating contracts for the and medical equipment.		
10.5% Senior Secured Note due 2005	\$ 310,982	11/30/95
10.5% Senior Secured Convertible Note due 2005, convertible into common stock at \$50,000 per share	\$ 195,000	11/30/95
Common Stock	6 shs.	11/30/95
<hr/>		
PLASSEIN PACKAGING, INC.		
A manufacturer of flexible packaging products.		
13% Senior Subordinated Note due 2007	\$ 739,572	8/15/00
12% Junior Subordinated Note due 2008	\$ 639,714	8/15/00
15% Junior Subordinated Note due 2008	\$ 70,445	11/14/01
Convertible Preferred Stock, convertible into common stock at \$1 per share (B)	288,256 shs.	8/15/00
Common Stock (B)	446,960 shs.	8/15/00
Warrant, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B)	482,594 shs.	8/15/00
<hr/>		
POLYMER TECHNOLOGIES, INC./ POLI-TWINE WESTERN, INC.		
A leading manufacturer of polypropylene twine for the hay bailing marketplace.		
11% Senior Subordinated Note due 2010 (B)	\$ 1,806,250	3/1/00
10% Junior Subordinated Note due 2010 (B)	\$ 239,062	3/1/00
Common Stock (B)	159,375 shs.	3/1/00
Warrant, exercisable until 2010, to purchase		

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common stock at \$.01 per share (B) 159,000 shs. 3/1/00

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Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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PRECISION DYNAMICS, INC.

A manufacturer of custom-designed solenoid valves and controls.

Senior Secured Floating Rate Revolving Credit Facility due 2003	\$ 782,400	7/22/96
Senior Secured Floating Rate Term Note due 2003	\$ 1,874,500	7/22/96
12% Senior Secured Term Note due 2004	\$ 489,000	7/22/96
8% Preferred Stock	352 shs.	7/22/96
Common Stock (B)	599 shs.	7/22/96
Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	322 shs.	7/22/96

PREMIUM FOODS GROUP

A manufacturer and distributor of branded meat products.

12% Senior Subordinated Note due 2008	\$ 1,821,000	8/29/00
Limited Partnership Interest of MHD Holdings LLC (B)	1.79% int.	8/29/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	7,052 shs.	8/29/00

PROCESS CHEMICALS LLC

A specialty chemical company that manufactures processed chemicals for the fertilizer, asphalt and

6% Redeemable Preferred Membership Interests	2,525 int.	*
Common Membership Interests	9,863 int.	*

*7/31/97 and 1/4/99.

PROTEIN GENETICS, INC.

A producer of bovine artificial insemination products, related breeding and healthcare products a
dairy and beef industries.

9.8% Redeemable Exchangeable Preferred Stock	1,004 shs.	8/12/94
Common Stock (B)	2,046 shs.	8/12/94

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PW EAGLE, INC. - O.T.C.

An extruder of small and medium diameter plastic pipe and tubing in the United States.

14% Senior Subordinated Note due 2007	\$ 3,434,333	9/16/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	197,040 shs.	9/16/99

RENT-WAY, INC. - O.T.C.

An operator of rent-to-own stores across the United States.

Warrant, exercisable until 2002, to purchase common stock at \$9.94 per share (B)	20,000 shs.	7/18/95
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	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
Corporate Restricted Securities: (A) continued		

RK POLYMERS LLC

A producer of styrenic block copolymers and highly engineered synthetic elastomers.

13% Senior Subordinated Note due 2011	\$ 2,125,000	2/28/01
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	205 shs.	2/28/01

SAFETY SPEED CUT MANUFACTURING COMPANY, INC.

A manufacturer of vertical panel saws and routers for the wood working industry.

Senior Secured Floating Rate Tranche A Note due 2007	\$ 2,638,188	6/2/99
12% Senior Secured Tranche B Note Due 2007	\$ 1,130,652	6/2/99
Class B Common Stock (B)	1,480 shs.	6/2/99

SNYDER INDUSTRIES, INC.

A manufacturer of proprietary rotationally molded polyethylene containers.

12.5% Senior Subordinated Note due 2007	\$ 3,125,000	12/6/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	513 shs.	12/6/99

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SPECTAGUARD ACQUISITION LLC

The tenth largest provider of security officers in the United States.

14% Senior Subordinated Note due 2008	\$ 2,043,139	3/1/00
Preferred LLC Interests (B)	109 int.	3/1/00
Common LLC Interests (B)	100,178 int.	3/1/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	257,000 shs.	3/1/00

STAR INTERNATIONAL, INC.

A manufacturer of commercial cooking appliances.

11% Senior Secured Note due 2004	\$ 2,498,350	1/25/00
9.65% Senior Secured Note due 2004	\$ 703,881	5/27/94
10.5% Subordinated Note due 2004	\$ 716,418	5/27/94
Common Stock (B)	4,310 shs.	5/27/94
Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	4,621 shs.	*

*5/27/94 and 1/25/00.

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MassMutual Corporate Investors

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Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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STRATEGIC EQUIPMENT & SUPPLY PARTNERS, INC.

A provider of kitchen and restaurant design, equipment fabrication and installation services.

12% Senior Subordinated Note due 2008	\$ 3,875,000	1/14/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	34,162 shs.	1/14/00

SUPREME INDUSTRIES, INC. - A.S.E.

A manufacturer of specialized truck bodies.

Common Stock (B)	105,202 shs.	*
Common Stock of TGC Industries, Inc. (B)	6,361 shs.	9/30/86

*5/23/79, 12/15/95 and 6/9/96.

THE TRANZONIC COMPANIES

A producer of commercial and industrial supplies, such as safety products, janitorial supplies, w

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supplies and sanitary care products.

12.5% Senior Subordinated Note due 2007	\$ 2,712,000	2/5/98
Common Stock (B)	630 shs.	2/4/98
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	444 shs.	2/5/98

THERMA-TRU CORPORATION

A manufacturer of residential exterior entry door systems.

12.25% Senior Subordinated Note due 2009	\$ 1,236,000	5/9/00
Limited Partnership Interest of KT Holding Company, L.P. (B)	0.52% int.	5/5/00
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	739 shs.	5/9/00

TIDEWATER HOLDINGS, INC.

An operator of a barge transportation line on the Columbia / Snake River system.

Convertible Preferred Stock, convertible into common stock at \$1,000 per share (B)	1,120 shs.	7/25/96
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	474 shs.	7/25/96

TRANSMONTAIGNE OIL COMPANY - A.S.E.

An independent petroleum products marketing company.

Common Stock (B)	333,326 shs.	*
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*3/28/91, 12/18/91, 9/30/92, 9/30/93, 9/30/94, 3/31/95 and 5/9/95.

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MassMutual Corporate Investors

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	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
Corporate Restricted Securities: (A) continued		

TRANSTECHNOLOGY ENGINEERED COMPONENTS

A manufacturer of precision engineered metal and plastic fasteners and assembly components.

12.75% Senior Subordinated Note due 2008	\$ 1,875,000	12/6/01
Membership Interests (B)	250,000 int.	12/6/01

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TREND TECHNOLOGIES, INC.

A manufacturer and assembler of plastic injection molded and stamped metal parts.

Limited Partnership Interest of Riverside V Holding Company, L.P.	4.23% int.	*
Limited Partnership Interest of Riverside V-A Holding Company, L.P.	12.29% int.	*

 *3/21/97, 10/16/97, 11/19/97 and 3/12/99.

TRIDEX CORP. - O.T.C.

A designer and manufacturer of point-of-sale monitors and keyboards used by retailers and restaur

12% Senior Subordinated Note due 2005 (B)	\$ 3,000,000	4/17/98
Common Stock (B)	71,429 shs.	4/17/98
Warrant, exercisable until 2005, to purchase common stock at \$2.03 per share (B)	218,182 shs.	5/26/98

TRONAIR, INC.

A designer, engineer and manufacturer of ground support equipment for the business, commuter and

10.5% Senior Secured Term Note due 2008	\$ 2,368,750	1/20/00
12% Senior Subordinated Note due 2010	\$ 1,326,500	1/20/00
Common Stock (B)	227,400 shs.	1/20/00
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	260,563 shs.	1/20/00

TRUSEAL TECHNOLOGIES, INC.

A manufacturer of sealant systems for the North American window and door market.

12.25% Senior Subordinated Note due 2006	\$ 2,675,000	6/23/97
Limited Partnership Interest (B)	10.04% int.	6/17/97
Warrant, exercisable until 2006, to purchase limited partnership interest at \$.01 per unit (B)	1,258 uts.	6/23/97

TVI, INC.

A retailer of used clothing in the United States, Canada and Australia.

15.971% Senior Subordinated Note due 2008	\$ 1,952,320	5/2/00
Common Stock (B)	354,167 shs.	5/2/00

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Corporate Restricted Securities: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date

U.S. NETTING, INC. A manufacturer of plastic netting for a wide variety of industries.		
Common Stock (B)	4,911 shs.	5/3/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	2,795 shs.	5/3/95

USFLOW CORPORATION A distributor of industrial pipes, valves and fittings.		
12.5% Senior Subordinated Note due 2007	\$ 3,463,000	12/14/99
Class B Common Stock (B)	664 shs.	12/14/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	565 shs.	12/14/99

VICTORY VENTURES LLC An acquirer of controlling or substantial interests in other entities.		
Series A Preferred Units (B)	0.13% int.	12/2/96

VITEX PACKAGING, INC. A manufacturer of specialty packaging, primarily envelopes and tags used on tea bags.		
12% Senior Subordinated Note due 2008	\$ 2,045,265	12/18/00
Limited Partnership Interest of Riverside VI Holding Company, L.P.	4.80% int.	*
Limited Partnership Interest of Riverside Capital Appreciation Fund II, L.P. (B)	1.58% int.	12/18/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	308 shs.	**
*12/30/97 and 9/9/99.		
**1/2/98 and 12/18/00.		

WASHINGTON INVENTORY SERVICES, INC. A provider of physical inventory taking and other related services to retailers.		
12.5% Senior Subordinated Note due 2008	\$ 1,646,881	11/3/00
Senior Preferred Stock (B)	4,692 shs.	11/1/00
Class B Common Stock (B)	8,959 shs.	11/1/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	3,979 shs.	11/3/00

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WICOR AMERICAS, INC.

A manufacturer of cellulose based insulation products, systems and services for electrical transf

20% Senior Subordinated Secured Note due 2009 \$ 2,125,000 11/9/01

Total Private Placement Investments

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Corporate Restricted Securities: (A) continued	Interest Rate	Due Date	Shares or Principal Amo
--	---------------	----------	-------------------------

Rule 144A Securities - 3.18%: (A)

BONDS - 0.16%

Climachem, Inc.	10.750%	12/01/07	\$ 175,0
Cuddy International Corp. (B)	10.750	12/01/07	496,3

Total Bonds			\$ 671,3
-------------	--	--	----------

CONVERTIBLE BONDS - 2.42%

Commscope, Inc.	4.000%	12/15/06	\$ 145,0
Echostar Communications, Inc.	4.875	01/01/07	400,0
F E I Co.	5.500	08/15/08	375,0
Home Depot Exchangeable Trust	1.000	02/14/06	1,315,0
Hyperion Solutions Corp.	4.500	03/15/05	200,0
Invitrogen Corp.	2.250	12/15/06	425,0
Photronics, Inc.	4.750	12/15/06	425,0
Rite Aid Corp.	4.720	12/01/06	200,0
Sanmina-SCI Corp.	0.000	09/12/20	1,090,0
Telewest Finance	6.000	07/07/05	405,0
Triquint Semiconductor, Inc.	4.000	03/01/07	225,0
Viropharma, Inc.	6.000	03/01/07	215,0

Total Convertible Bonds			\$ 5,420,0
-------------------------	--	--	------------

CONVERTIBLE PREFERRED STOCK - 0.57%

D T Industries, Inc. (B)			40,0
--------------------------	--	--	------

Total Convertible Preferred Stock

COMMON STOCK - 0.00%

Jordan Telecom Products (B)

Total Common Stock

WARRANTS - 0.03%

Winslow Escrow Corp. (B)			9
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Total Warrants

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Total Rule 144A Securities

Total Corporate Restricted Securities

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Corporate Public Securities - 10.21%:(A)	Interest Rate	Due Date	Shares or Principal Amo

BONDS - 2.00%			
Derby Cycle Corp. (B)	10.000%	05/15/08	\$ 332,1
EV International, Inc. (B)	11.000	03/15/07	750,0
G F S I, Inc.	9.625	03/01/07	145,0
L L S Corp. (B)	11.625	08/01/09	500,0
Neff Corp.	10.250	06/01/08	230,0
Numatics, Inc.	9.625	04/01/08	820,0
Remington Products Co.	11.000	05/15/06	600,0
Sports Club Co.	11.375	03/15/06	600,0
United Refining Co.	10.750	06/15/07	1,365,0
W E C, Inc. (B)	12.000	07/15/09	800,0
Winsloew Escrow Corp.	12.750	08/15/07	900,0

Total Bonds			\$ 7,042,1 =====
COMMON STOCK - 3.76%			
American Country Holdings, Inc. (B)			101,3
American Pharmaceutical PT (B)			7
Aramark Corp. (B)			14,3
Computer Horizons Corp. (B)			32,0
Florist Transworld Delivery, Inc. (B)			29,3
H C I Direct, Inc. (B)			1,0
Key3media Group, Inc. (B)			195,0
Magma Design Automation (B)			1,6
Nassda Corp. (B)			6
Netscreen Technologies, Inc. (B)			3,4
PepsiAmericas, Inc.			92,1
Proton Energy Systems, Inc. (B)			26,0
Prudential Financial, Inc. (B)			7,8
Rent-Way, Inc. (B)			60,3
Suprema Specialties, Inc. (B)			32,5
Swiss Army Brands, Inc. (B)			39,0
Titan Corp. (B)			58,0
Untied Defense Industries (B)			8,3
Vina Technologies, Inc. (B)			5
Total Common Stock			

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Corporate Public Securities - 10.21% (A)	Interest Rate	Due Date	Shares or Principal Amount
CONVERTIBLE BONDS - 4.14%			
B E A Systems, Inc.	4.000%	12/15/06	\$ 525,000
Charter Communications, Inc.	4.750	06/01/06	660,000
Commscope, Inc.	4.000	12/15/06	40,000
Corning Inc.	0.000	11/08/15	795,000
Cox Communications, Inc.	0.426	04/19/20	3,260,000
Cypress Semiconductor Corp.	4.000	02/01/05	210,000
Echostar Communications	4.875	01/01/07	1,000,000
Hyperion Solutions, Inc.	4.500	03/15/05	50,000
Mediacom Communications Corp.	5.250	07/01/06	1,400,000
Nextel Communications	5.250	01/15/10	825,000
S C I Systems, Inc.	3.000	03/15/07	800,000
Sanmina-SCI Corp.	0.000	09/12/20	1,190,000
Total Convertible Bonds			\$ 10,755,000
CONVERTIBLE PREFERRED STOCK - 0.30%			
Prudential Financial, Inc.			9,000
Total Convertible Preferred Stock			
WARRANTS - 0.01%			
American Country Holdings, Inc. (B)			183,100
Total Warrants			
Total Corporate Public Securities			
Short-Term Securities:	Interest Rate/Yield	Due Date	Principal Amount
COMMERCIAL PAPER - 6.02%			
Ford Motor Credit Co.	2.530%	01/15/02	\$ 2,420,000
Praxair, Inc.	2.500	01/14/02	2,880,000
Public Service Co. of Colorado	2.850	01/02/02	2,820,000
Textron Financial Corp.	2.300	01/11/02	2,430,000
Total Short-Term Securities			\$ 10,550,000
Total Investments	110.48%		
Other Assets	3.83		
Liabilities	(14.31)		
Total Net Assets	100.00%		

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(A) In each of the convertible note, warrant, convertible preferred and common stock investments, the issuer has agreed to provide certain registration rights.
 (B) Non-income producing security.

See Notes to Financial Statements.

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

	Fair Value At 12/31/01
Corporate Restricted Securities:	

AUTOMOBILE - 3.95%	
America's Body Co., Inc. / LCP Holding Co.	\$ 3,328,456
LIH Investors, L.P.	3,584,005

	6,912,461

BEVERAGE, FOOD & TOBACCO - 3.38%	
Beta Brands, Inc.	2,535,659
Cains Foods, L.P.	823,469
Premium Foods Group	2,559,603

	5,918,731

BROADCASTING & ENTERTAINMENT - 0.20%	
Echostar Communications, Inc.	355,000

BUILDINGS & REAL ESTATE - 7.49%	
Adorn, Inc.	2,141,507
PGT Industries, Inc.	2,075,474
Strategic Equipment & Supply Partners, Inc.	3,100,342
Supreme Industries, Inc.	400,192
Therma-Tru Corporation	1,956,033
Truseal Technologies, Inc.	3,439,369

	13,112,917

CARGO TRANSPORT - 1.82%	
Kenan-Advantage Transport Company	2,064,674
Tidewater Holdings, Inc.	1,115,632

	3,180,306

CHEMICAL, PLASTICS & RUBBER - 2.86%	
Process Chemicals LLC	2,565,888
RK Polymers LLC	2,102,690
Trend Technologies, Inc.	342,606
U.S. Netting, Inc.	4,939

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	5,016,123

CONSUMER PRODUCTS - 11.48%	
Alpha Shirt Company	3,962,140
Colibri Holdings Corporation	2,036,986
Consumer Product Enterprises, Inc.	878,073
Corvest Group, Inc.	4,048,292
Dexter Magnetic Technologies, Inc.	2,059,102
G C-Sun Holdings, L.P.	1,700,176
Keepsake Quilting, Inc.	2,133,465
The Tranzonic Companies	3,292,293
	20,110,527

	Fair Value
Corporate Restricted Securities:	At 12/31/01

CONTAINERS, PACKAGING & GLASS - 5.46%	
C & K Manufacturing and Sales Company	\$ 657,788
Capitol Specialty Plastics, Inc.	403
Paradigm Packaging, Inc.	2,313,062
Plassein Packaging, Inc.	1,050,927
Snyder Industries, Inc.	3,126,255
Vitex Packaging, Inc.	2,404,432
	9,552,867

DIVERSIFIED/CONGLOMERATE - MANUFACTURING - 15.64%	
D T Industries, Inc.	1,000,000
Evans Consoles, Inc.	3,182,270
Highgate Capital LLC	700,000
Hussey Seating Company	2,019,073
Jackson Products, Inc.	307,282
Jason, Inc.	1,941,331
Maxtec International Corp.	665,055
NPC, Inc.	4,104,721
PAR Acquisition Corp.	1,334,666
PW Eagle, Inc.	3,958,553
Safety Speed Cut Manufacturing Company, Inc.	4,000,102
Transtechology Engineered Components	2,067,375
Wicor Americas, Inc.	2,106,512
	27,386,940

DIVERSIFIED/CONGLOMERATE - SERVICE - 9.20%	
Diversco, Inc. / DHI Holdings, Inc.	1,311,204
Examination Management Services, Inc.	3,629,456
Hamilton Funeral Services Centers, Inc.	1,796,568
Lancaster Laboratories, Inc.	2,069,327
Magnetic Data Technologies, Inc. / MDT Holdings LLC	2,131,888
Pharmaceutical Buyers, Inc.	818,840
SpectaGuard Acquisition LLC	2,164,578
Washington Inventory Services, Inc.	2,180,632
	16,102,493

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ELECTRONICS - 7.34%	
Coining Corporation of America	2,341,673
Commscope, Inc.	118,900
Directed Electronics, Inc.	4,245,791
Evolve Software, Inc.	58
Fairmarket, Inc.	219
Hyperion Solutions Corp.	174,500
IBEAM Broadcasting Corporation	10
Integration Technology Systems, Inc.	2,061,958
Precision Dynamics, Inc.	3,286,877
Sanmina-SCI Corp.	406,025
Tridex Corp.	60,000
Triquint Semiconductor, Inc.	164,250

	12,860,261

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MassMutual Corporate Investors

Consolidated Schedule of Investments

DECEMBER 31, 2001

Corporate Restricted Securities:	Fair Value At 12/31/01

FARMING & AGRICULTURE - 0.70%	
Cuddy International Corp.	\$ 208,468
Polymer Technologies, Inc. / Poli-Twine Western, Inc.	962,891
Protein Genetics, Inc.	50,175

	1,221,534

FINANCE - 0.15%	
Telewest Finance	262,057

HEALTHCARE, EDUCATION & CHILDCARE - 4.62%	
DHD Healthcare, Inc.	2,069,574
Enzymatic Therapy, Inc.	2,046,061
Nexell Therapeutics, Inc.	3,867,545
Viropharma, Inc.	107,500

	8,090,680

HOME & OFFICE FURNISHINGS, HOUSEWARES, AND DURABLE CONSUMER PRODUCTS - 5.42%	
Fasteners for Retail, Inc.	4,276,006
Moss, Inc.	1,105,093
Star International, Inc.	4,112,932

	9,494,031

LEISURE, AMUSEMENT, ENTERTAINMENT - 5.11%	
Adventure Entertainment Corporation	20,705
Grand Expeditions, Inc.	1,275,100
Merit Industries, Inc.	3,616,553

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Olympic Boat Centers, Inc.	4,036,231

	8,948,589

MINING, STEEL, IRON & NON PRECIOUS METALS - 1.25%	
Better Minerals & Aggregates	2,182,627

MISCELLANEOUS - 2.80%	
CapeSuccess LLC	105,196
Climachem, Inc.	78,750
East River Ventures I, L.P.	28,972
Immedient Corp.	33,932
Invitrogen Corp.	411,719
Photronics, Inc.	465,906
USFlow Corp.	3,728,061
Victory Ventures LLC	2
Winsloew Escrow Corp.	45,000

	4,897,538

	Fair Value
Corporate Restricted Securities:	At 12/31/01

OIL AND GAS - 0.93%	
Chaparral Resources, Inc.	\$ 223
TransMontaigne Oil Company	1,634,964

	1,635,187

PERSONAL TRANSPORTATION - 2.14%	
Tronair, Inc.	3,754,687

RETAIL STORES - 2.10%	
Home Depot Exchangeable Trust	1,214,731
Rent-Way, Inc.	200
Rite Aid Corp.	191,750
TVI, Inc.	2,278,098

	3,684,779

TECHNOLOGY - 0.21%	
F E I Co.	368,906

TELECOMMUNICATIONS - 0.00%	
Jordan Telecom Products	350

TEXTILES - 0.00%	
Kappler Safety Group, Inc.	-

Total Corporate Restricted Securities - 94.25%	\$165,049,591
=====	

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MassMutual Corporate Investors

Notes to Consolidated Financial Statements

DECEMBER 31, 2001 AND 2000

1. HISTORY

MassMutual Corporate Investors (the "Trust") is a closed-end, non-diversified investment company. David L. Babson & Company Inc., ("Babson"), a majority owned subsidiary of Massachusetts Mutual Life Insurance Company, ("MassMutual"), acts as its investment adviser.

The Trust commenced operations in 1971 as a Delaware corporation. Pursuant to an Agreement and Plan of Reorganization dated November 14, 1985, approved by shareholders, the Trust was organized as a Massachusetts business trust under the laws of the Commonwealth of Massachusetts, effective November 28, 1985.

On January 27, 1998, the Board of Trustees authorized the formation of a wholly-owned subsidiary ("MMCI Subsidiary Trust") for the purpose of holding certain investments. The results of MMCI Subsidiary Trust have been consolidated in the accompanying financial statements.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies followed consistently by the Trust in the preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America.

A. Valuation of Investments:

Valuation of a security in the Trust's portfolio is made on the basis of market price whenever market quotations are readily available and all securities of the same class held by the Trust can be readily sold in such market.

Nearly all securities which are acquired by the Trust directly from the issuers and shares into which such securities may be converted or which may be purchased on the exercise of warrants attached to such securities will be subject to legal or contractual delays in or restrictions on resale and will therefore be "restricted securities". Generally speaking, as contrasted with open-market sales of unrestricted securities which may be effected immediately if the market is adequate, restricted securities can be sold only in a directly negotiated transaction to a limited number of purchasers or in a public offering for which a registration statement is in effect under the Securities Act of 1933.

The value of restricted securities, and of any other assets for which there are no reliable market quotations, is the fair value as determined in good faith by the Board of Trustees of the Trust (the "Trustees"). Each restricted security is valued by the Trustees at the time of the acquisition thereof and at least quarterly thereafter. The Trustees have established guidelines to aid in the valuation of each security. Generally, restricted securities are initially valued at cost or less at the time of acquisition by the Trust. Values greater or less than cost are used thereafter for restricted securities in appropriate circumstances. Among the factors ordinarily considered are the existence of restrictions upon the sale of the security by the Trust; an estimate of the existence and extent of a market for the security; the extent of any discount at which the security was acquired; the estimated period of time during which the security will not be freely marketable; the estimated expenses of registering or otherwise qualifying the security for public sale; estimated underwriting commissions if underwriting

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would be required to effect a sale; in the case of a convertible security, whether or not it would trade on the basis of its stock equivalent; in the case of a debt obligation which would trade independently of any equity equivalent, the current yields on comparable securities; the estimated amount of the floating supply of such securities available; the proportion of the issue held by the Trust; changes in the financial condition and prospects of the issuer; the existence of merger proposals or tender offers affecting the issuer; and any other factors affecting fair value, all in accordance with the Investment Company Act of 1940. In making valuations, opinions of counsel may be relied upon as to whether or not securities are restricted securities and as to the legal requirements for public sale.

When market quotations are readily available for unrestricted securities of an issuer, restricted securities of the same class are generally valued at a discount from the market price of such unrestricted securities. The Trustees, however, consider all factors in fixing any discount, including the filing of a registration statement for such securities under the Securities Act of 1933 and any other developments which are likely to increase the probability that the securities may be publicly sold by the Trust without restriction.

The Board of Trustees of the Trust meets at least once in each quarter to value the Trust's portfolio securities as of the close of business on the last business day of the preceding quarter. This valuation requires the approval of a majority of the Trustees of the Trust, including a majority of the Trustees who are not interested persons of the Trust (otherwise than as Trustees) or of Babson. In making valuations, the Trustees will consider reports by Babson analyzing each portfolio security in accordance with the relevant factors referred to above. Babson has agreed to provide such reports to the Trust at least quarterly.

The financial statements include restricted securities valued at \$165,049,591 (94.25% of net assets) as of December 31, 2001 (\$176,899,997 at December 31, 2000) whose values have been estimated by the Board of Trustees in the absence of readily ascertainable market values. Due to the inherent uncertainty of valuation, those estimated values may differ significantly from the values that would have been used had a ready market for the securities existed, and the differences could be material.

The values for corporate public securities are stated at the last reported sales price or at prices based upon quotations obtained from brokers and dealers as of December 31, 2001, subject to discount where appropriate, and are approved by the Trustees.

Short-term securities with more than sixty days to maturity are valued at fair value and short-term securities having a maturity of sixty days or less are valued at amortized cost which approximates market value.

B. Accounting for Investments:

Investment transactions are accounted for on trade date. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis.

The Trust has elected to accrue, for financial reporting purposes, certain premiums and discounts which are required to be accrued for federal income tax purposes.

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Notes to Consolidated Financial Statements

DECEMBER 31, 2001 AND 2000

Realized gains and losses on investment transactions and unrealized appreciation and depreciation of investments are reported for financial statement and federal income tax purposes on the identified cost method.

The Trust does not accrue income when payment is delinquent and when management believes payment is questionable.

C. Use of Estimates:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America 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.

D. Federal Income Taxes:

No provision for federal taxes on net investment income and short-term capital gains is considered necessary because the Trust has elected to be taxed as a "regulated investment company" under the Internal Revenue Code, and intends to maintain this qualification and to distribute substantially all of its net taxable income to its shareholders. In any year when net long-term capital gains are realized by the Trust, management, after evaluating the prevailing economic conditions, will recommend to the Trustees either to designate the net realized long-term gains as undistributed and to pay the federal capital gains taxes thereon or to distribute all or a portion of such net gains.

In 2001, the Trust reclassified (\$32,035) from undistributed net investment income to additional paid-in capital to more accurately portray the Trust's financial position. This reclass has no impact on the Trust's net asset value per share.

E. Reclassifications:

Certain amounts from prior years' financial statements have been reclassified to conform with current year presentation.

3. MANAGEMENT FEE

Under an investment services contract, Babson has agreed to invest for MassMutual's general account concurrently with the Trust in each restricted security purchased by the Trust. Babson, in addition to originating and sharing in the purchase of such securities, represents the Trust in any negotiations with issuers, investment banking firms, securities brokers or dealers and other institutions or investors relating to the Trust's investments. Babson provides a continuing review of the investment operations of the Trust. Babson also provides the Trust with office space and office equipment, safekeeping facilities, accounting and bookkeeping services, and necessary executive, clerical and secretarial personnel for the performance of the foregoing services.

Under the investment services contract, as amended July 1, 1988, the Trust pays Babson a quarterly base rate (the "Base Fee Rate") of 5/16 of 1% of the value of the Trust's net assets as of the end of each fiscal quarter, approximately equivalent to 1.25% of the net asset value of the Trust on an annual basis, plus or minus a quarterly performance adjustment (the "Performance Adjustment") of up to 1/16 of 1% approximately equivalent to .25% on an annual basis.

The Performance Adjustment is based on the Trust's performance as compared to a

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benchmark rate of return (the "Target Rate") equal to 5.0 percentage points plus an unweighted, arithmetic average of the rates of return on the Standard & Poor's Industrial Stock Price Index and the Lehman Brothers Intermediate Credit Bond Index (formerly called the Lehman Brothers Intermediate Corporate Bond Index) over a rolling three-year period (the "Measurement Period") comprising the twelve quarters ending on the last day of each quarter (the "Valuation Date"). The Performance Adjustment is equal to 5% of the difference between the Trust's actual rate of return over the Measurement Period and the Target Rate. If the Trust's actual rate of return exceeds the Target Rate, the Base Fee Rate is increased by an amount equal to the Performance Adjustment; if the Trust's actual rate of return is less than the Target Rate, the Base Fee Rate is reduced by the Performance Adjustment. The advisory fee payable by the Trust is equal to the Base Fee Rate (as adjusted by the Performance Adjustment) times the net asset value of the Trust as of the Valuation Date. The Performance Adjustment for the quarters ended March 31, June 30, September 30 and December 31, 2001 was:

	Performance Adjustment	Amount
March 31, 2001	0.0625%	\$ 113,989
June 30, 2001	0.0625%	115,719
September 30, 2001	0.0625%	111,324
December 31, 2001	0.0625%	109,737
Total	0.2500%	\$ 450,769

A. Note Payable:

On November 5, 1993, the Trust sold to MassMutual at par a \$20,000,000 Senior Fixed Rate Convertible Note due November 15, 2000 (the "Note") which accrues at 5.33% per annum. The Note holder, at its option, can convert the principal amount of the Note into common shares. The dollar amount of principal would be converted into an equivalent dollar amount of common shares based upon the average price of the common shares for ten business days prior to the notice of conversion.

In agreement with MassMutual, the Note's maturity has been extended for an additional seven years from November 15, 2000. The Note is due November 15, 2007 and will accrue at 7.39% per annum. For each of the years ended December 31, 2001 and 2000, the Trust incurred total interest expense on the Note of \$1,478,000 and \$1,117,500, respectively.

B. Revolving Credit Agreement:

The Trust entered into a Revolving Credit Agreement with Fleet National Bank as of June 29, 2000, in the principal amount of \$25,000,000, maturing on May 31, 2005. The interest rate on the outstanding revolving loan is determined for periods of one, three or six months (as selected by the Trust) and is set at an annual rate equal to LIBOR (London Interbank Offered Rate) plus 0.37%. The Trust also agreed to pay an up-front fee equal to 0.10% on the total commitment. The facility fee is 0.15% per annum of the total commitment.

As of December 31, 2001 and 2001, there were no outstanding loans drawn against the revolving credit facility. For the period ended December 31, 2001 and 2000, the Trust incurred \$37,397 and \$19,007 in expense related to the undrawn portion.

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MassMutual Corporate Investors

Notes to Consolidated Financial Statements

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DECEMBER 31, 2001 AND 2000

5. PURCHASES AND SALES OF INVESTMENTS

	For the Year Ended 12/31/2001	For the Year Ended 12/31/2000
----- Cost of Investments Acquired -----		
Corporate restricted securities	\$ 29,582,911	\$ 88,296,838
Corporate public securities	16,987,578	37,405,876
Short-term securities	579,764,573	607,186,552
----- Proceeds from Sales or Maturities -----		
Corporate restricted securities	\$ 40,001,873	\$ 84,582,425
Corporate public securities	19,329,657	51,516,754
Short-term securities	576,507,503	614,777,319

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of December 31, 2001. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of December 31, 2001 is \$35,272,097 and consists of \$13,236,957 appreciation and \$48,509,054 depreciation.

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of December 31, 2000. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of December 31, 2000 is \$28,299,431 and consists of \$21,201,697 appreciation and \$49,501,128 depreciation.

6. QUARTERLY RESULTS OF INVESTMENT OPERATIONS (UNAUDITED)

	Amount	Per Share	Amount	Per Share
	March 31, 2001		March 31, 2000	
Investment income	\$ 4,901,147		\$ 4,958,909	
Net investment income	3,729,498	\$ 0.43	4,063,971	\$ 0.47
Net realized and unrealized (loss) gain on investments	(1,686,474)	(0.19)	11,553,274	1.35
	June 30, 2001		June 30, 2000	
Investment income	5,051,877		5,365,267	
Net investment income	3,844,565	0.44	4,211,896	0.49
Net realized and unrealized gain on investments	2,449,657	0.28	6,468,569	0.76
	September 30, 2001		September 30, 2000	
Investment income	4,875,161		5,271,922	
Net investment income	3,737,511	0.43	4,260,988	0.50
Net realized and unrealized loss on investments	(7,180,355)	(0.83)	(9,996,453)	(1.17)
	December 31, 2001		December 31, 2000	
Investment income	4,661,551		5,315,898	
Net investment income	3,545,560	0.40	4,331,989	0.50
Net realized and unrealized gain (loss) on investments	1,785,165	0.21	(12,023,011)	(1.40)

MassMutual Corporate Investors

Interested Trustees

Name (Age), Address, Position with the Trust	Principal Occupation During the Past Five Years/Other Directorships Held
STUART H. REESE* (46) MassMutual Life Ins. Co. 1295 State Street Springfield, MA 01111 Trustee Chairman (since 1999) President (1993-1999)	Executive Vice President and Chief Investment Officer (since 1999) of MassMutual Director and CEO (since 2000), and President (2000-2001) of Babson Chief Executive Director (1997-1999), Senior Vice President (1993-1997) of MassMutual President (1993-1999), Chairman and Trustee (1999), MML Series Investment Fund Director (since 1995), MassMutual Corporate Value Partners President (1994-1999), Chairman and Trustee (1999), MassMutual Institutional Funds Director (since 1993), MML Baystate Life Insurance Company Advisory Board Member (since 1995), Kirtland Capital Partners Director (since 1996), MassMutual High Yield Partners II Director (since 1996), CM Assurance Company Director (since 1996), CM Benefi Insurance Company Director (since 1996), CM Life Insurance Company Director (since 1996), CM International, Inc Director (since 1996), Antares Capital Corporation Director (since 1996), Charter Oak Capital Management, Inc. Director (since 1996), State House I Corporation President (since 1998), MassMutual/Darby CBO LLC Director (since 1999), MLDP Holdings Chairman (since 2000), Cornerstone Real Estate Advisers Inc. Trustee, Chairman (since 1999 and President (1993-1999) MassMutual Participation Investors (closed-end investment company advised by Babson).
RICHARD G. DOOLEY** (72) MassMutual Life Ins. Co. 1295 State Street Springfield, MA 01111 Trustee Vice-Chairman (since 1995) Chairman (1999, 1982-1995)	Consultant (since 1993) and former Executive Vice President and Chief Investment Officer of MassMutual Director (since 1992), Kimco Realty Corp. (shopping center ownership and management) Director (since 1993), Jeffries Group, Inc. (financial services holding company) Chairman (1999 and 1988-1995), Vice Chairman (1995-1999) and Trustee, MML Series Investment Fund (open-end investment compan advised by the Insurance Company) Chairman (1999, and 1988-1995), Vice Chairman (since 1995) and Trustee (since 1988), MassMutual Participation Investors (closed-end investment company advised by Babson).

* Mr. Reese is an "interested person" of the Trust (as defined in the Investment Company Act of 1940, amended) because of his position as an Officer of the Trust and a Director and CEO of Babson.

** Mr. Dooley is an "interested person" of the Trust (as defined in the Investment Company Act of 1940, amended) because of his position as an Officer of the Trust and as a consultant to MassMutual.

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MassMutual Corporate Investors

Independent Trustees

Name (Age), Address, Position with the Trust	Principal Occupation During the Past Five Years/Other Directorships Held
<p>DONALD E. BENSON (71) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115</p> <p>Trustee</p>	<p>Executive Vice President and Director (since 1992), Marquette Bancshares (bank holding company) Partner (since 1996), Benson Family Limited Partnership No. 1 and Benson Family Limited Partnership No. 2 (investment partnerships) Partner (since 1987), Benson, Pinckney, Oates Partnership (building partnership) Director (since 1997), Mercantile Bancorp (bank holding company) and Mercantile National Bank Director, Mesaba Holdings, Inc. (commuter airline) Trustee (since 1988), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>
<p>MILTON COOPER (72) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115</p> <p>Trustee</p>	<p>Chairman (since 1992), Kimco Realty Corp. (shopping center ownership and management) Director, Getty Petroleum Corp. (petroleum marketing) Director, Blue Ridge Real Estate Trustee (since 1990), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>
<p>DONALD GLICKMAN (68) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115</p> <p>Trustee</p>	<p>Chairman (since 1992), Donald Glickman and Company, Inc. (investment banking) Director (1988-2000), CalTex Industries, Inc. (manufacture of windows) Monro Muffler Brake, Inc. Director (since 1998), MSC Software, Inc., Partner (since 1992), J.F. Lehman & Co. (private investments) Trustee (since 1992), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>
<p>MARTIN T. HART (66) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115</p> <p>Trustee</p>	<p>President and Director, (1983-2000) H Corporation Partner (1986-2000), Consolidated Nursery Properties (wholesale nursery and garden center) Director (1993-2000), Optical Security Group, Inc. (product security) Director (since 1992), Schuler Homes, Inc. (housing) Director (1990-1998), PNB Financial Group (bank holding company) Director (since 1997), T Netiks (communications) Director (since 1996), PJ America (pizza restaurant) Director (1993-1998), PJNC, Inc. (pizza restaurant) Director (1994-1999), Ardent Software Inc. (computer company) Director (since 1994), Houston Pizza Ventures (pizza restaurant) Trustee (since 1994), Regis University (university) Director (since 1999), Value Click (internet marketing company) Director (since 1998), CoreChange, Inc. (technology portal company) Director (since 1998), Vail Banks (bank) Director (since 1994) PJ Iowa (pizza restaurant) Director (since 1998) PJ Nor-Cal (pizza restaurant) Director (since 1999) Stephany's Chocolate (candy factory) Trustee (since 1991), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>
<p>JACK A. LAUGHERY (67) MassMutual</p>	<p>Chairman (1997-1998), President and Partner (since 1996), Laughery Investments Partner (since 1996) Papa John's New England (food</p>

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Corporate Investors
1500 Main Street, Suite 1100
Springfield, MA 01115

Trustee

service) Consultant (since 1996), Papa John's Iowa (food service) Director (1997-1998), Maynard Capital Partners (investments) Director (since 1993), Papa John's International (food service companies) Director (since 1994), Houston Pizza Venture LLC (pizza restaurant) Partner (1988-1998), Atlantic Beach Sheraton Partner (since 1987), Coastal Lodging (hotels) Director (1990-1997), Sprint Mid-Atlantic (telecommunications) Part Owner (since 1998), Rocky Mount Harley Davidson Partner (since 1996), Papa John's Iowa Trustee (since 1996), MassMutual Participation Investors (closed-end investment company advised by Babson).

CORINE T. NORGAARD (64)
MassMutual
Corporate Investors
1500 Main Street, Suite 1100
Springfield, MA 01115

Trustee

Dean (since 1996), Barney School of Business and Public Administration, University of Hartford Director (since 1997), The Advest Bank Trustee (since 1993), Aetna Series Fund (investment company) Director (since 1992), Aetna Variable Series Fund Trustee (since 1998), MassMutual Participation Investors (a closed-end investment company advised by Babson).

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Name (Age), Address,
Position with the Trust
Principal Occupation
During the Past Five Years/Other Directorships Held
Term Began/
Term Ends

Members of the
Board of Trustees

Stuart H. Reese
Executive Vice President and
Chief Investment Officer,
Massachusetts Mutual Life
Insurance Company

Richard G. Dooley
Retired Executive Vice
President and Chief
Investment Officer,
Massachusetts Mutual Life
Insurance Company

Donald E. Benson*
Executive Vice President
and Director, Marquette
Bancshares, Inc.

Milton Cooper
Chairman, Kimco

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Realty Corp.

Donald Glickman
Chairman, Donald Glickman
& Company, Inc.

Martin T. Hart*
Director,
Schuler Homes, Inc.

Jack A. Laughery
President and Partner,
Laughery Investments

Corine T. Norgaard*
Dean, Barney School
of Business and
Public Administration,
University of Hartford

*Member of Audit Committee

Independent Auditors' Report

To the Shareholders and the Board of Trustees of MassMutual Corporate Investors

We have audited the accompanying consolidated statements of assets and liabilities of MassMutual Corporate Investors (the "Trust"), including the consolidated schedule of investments, as of December 31, 2001 and 2000, and the related consolidated statements of operations, cash flows, changes in net assets, and the consolidated financial highlights for the years then ended. These financial statements and financial highlights are the responsibility of the Trust's management. Our responsibility is to express an opinion on these financial statements based on our audits. The financial highlights for the year ended December 31, 1998 and for each of the years in the seven-year period then ended were audited by other auditors, whose report, dated February 25, 1999 expressed an unqualified opinion on those financial highlights.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards 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 and financial highlights. Our procedures included confirmation of securities owned as of December 31, 2001 by correspondence with the custodians and brokers. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements and consolidated financial highlights referred to above present fairly, in all material respects, the financial position of the Trust as of December 31, 2001 and 2000, and the results of its operations, its cash flows, changes in net assets, and financial highlights for the years then ended in conformity with accounting principles generally accepted in the United States of America.

/s/ Deloitte & Touche LLP

New York, New York
February 8, 2002

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[PHOTO OF STUART H. REESE, CORINE T. NORGAARD & DONALD E. BENSON]
Members of the Board of Trustees (left to right): Stuart H. Reese, Corine T. Norgaard, Donald E. Benson

MassMutual Corporate Investors

[PHOTO OF MARTIN T. HART, RICHARD G. DOOLEY, JACK A. LAUGHERY, MILTON COOPER & DONALD GLICKMAN]
Members of the Board of Trustees (left to right): Martin T. Hart, Richard G. Dooley, Jack A. Laughery, Milton Cooper, Donald Glickman

Dividend Reinvestment and Share Purchase Plan

MassMutual Corporate Investors offers a Dividend Reinvestment and Share Purchase Plan. The Plan provides a simple way for shareholders to add to their holdings in the Trust through the receipt of dividend shares issued by the Trust or through the reinvestment of cash dividends in Trust shares purchased in the open market. A shareholder may join the Plan by filling out and mailing an authorization card to Shareholder Financial Services, Inc., the Transfer Agent. Participating shareholders will continue to participate until they notify the Transfer Agent, in writing, of their desire to terminate participation. Unless a shareholder elects to participate in the Plan, he or she will, in effect, have elected to receive dividends and distributions in cash.

Participating shareholders may also make additional contributions to the Plan from their own funds. Such contributions may be made by personal check or other means in an amount not less than \$10 nor more than \$5,000 per quarter.

Whenever the Trust declares a dividend payable in cash or shares, the Transfer Agent, acting on behalf of each participating shareholder, will take the dividend in shares only if the net asset value is lower than the market price plus an estimated brokerage commission as of the close of business on the valuation day. The valuation day is the last day preceding the day of dividend payment. When the dividend is to be taken in shares, the number of shares to be received is determined by dividing the cash dividend by the net asset value as of close of business on the valuation date, or if greater than net asset value, 95% of the closing share price. If the net asset value of the shares is higher than the market value plus an estimated commission, the Transfer Agent, consistent with obtaining the best price and execution, will buy shares on the open market at current prices promptly after the dividend payment date.

The reinvestment of dividends does not, in any way, relieve participating shareholders of any federal, state or local tax. For federal income tax purposes, the amount reportable in respect of a dividend received in newly-issued shares of the Trust will be the fair market value of the shares received, which will be reportable as ordinary income and/or capital gains.

As compensation for its services, the Transfer Agent receives a fee of 5% of any dividend and cash contribution (in no event in excess of \$2.50 per distribution per shareholder).

Any questions regarding the Plan should be addressed to Shareholder Financial Services, Inc., Agent for MassMutual Corporate Investors' Dividend Reinvestment and Share Purchase Plan, P.O. Box 173673, Denver, CO 80217-3673

MassMutual Corporate Investors
1500 Main Street, Suite 1100
Springfield, Massachusetts 01115
(413) 226-1516 o www.massmutual.com/mci

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Adviser

David L. Babson & Company Inc.

Auditor

Deloitte & Touche LLP
New York, New York 10281

Custodian

Citibank, N.A.

Transfer Agent & Registrar

Shareholder Financial Services, Inc.
P.O. Box 173673
Denver, Colorado 80217-3673
1-800-647-7374

Officers

Stuart H. Reese
Chairman

Richard G. Dooley
Vice Chairman

Robert E. Joyal
President

Charles C. McCobb, Jr.
Vice President and
Chief Financial Officer

Stephen L. Kuhn
Vice President and Secretary

Michael P. Hermsen
Vice President

Mary Wilson Kibbe
Vice President

Michael L. Klofas
Vice President

Richard C. Morrison
Vice President

Clifford M. Noreen
Vice President

Mark B. Ackerman
Treasurer

John T. Davitt, Jr.
Comptroller

MassMutual Corporate Investors

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