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# Reinsurance Market Overview

June 2003

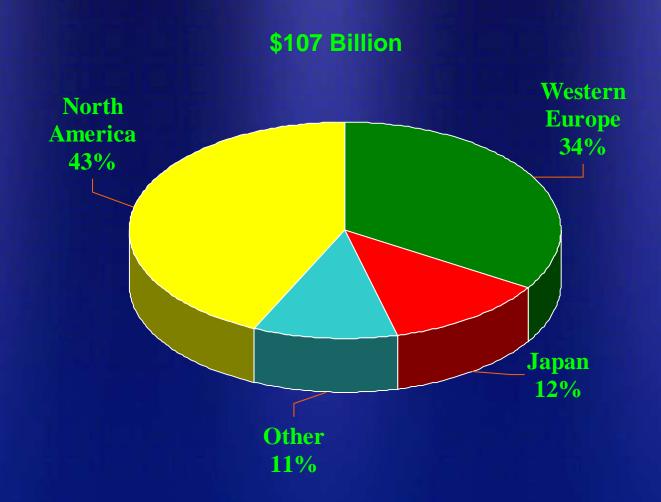
## Non-life and Life Premiums by Country \$U.S. Billions (2001)

Davidonad Countries	Non-Life Prem	Life Prem	Total Prem	Mkt Share
North America	485.0	464.4	949.4	39.4%
Western Europe	284.1	455.6	739.7	30.7%
Japan	89.1	356.7	445.8	18.5%
Australia & Nz	14.4	21.2	35.6	1.5%
Subtotal	872.6	1,297.9	2,170.5	90.1%
Emerging Countries				
South & East Asia	41.7	96.8	138.5	5.8%
Latin America & Caribbean	27.6	13.6	41.2	1.7%
Central & Eastern Europe	13.9	8.8	22.7	.9%
Middle East/Central Asia	7.0	3.9	10.9	.5%
Africa	6.3	18.2	24.5	1.0%
Subtotal	96.5	141.3	237.8	9.9%
World	969.1	1,439.2	2,408.3	100%

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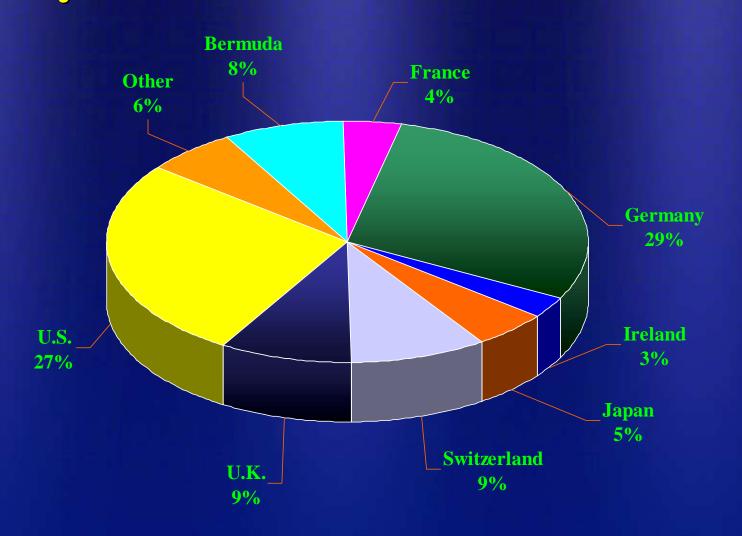
Source: Sigma

#### Worldwide P & C Reinsurance Demand



Source: A.M. Best

#### **Market Share of Global Reinsurance Industry**



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#### Top 10 Largest Global Reinsurers Ranked by 2001 Net Premiums Written

Company	2001	2000	% Change
Munich Re Group	\$16,610,700	\$15,276,600	8.7
Swiss Re Group	15,429,100	14,478,800	6.6
Berkshire Hathaway	9,991,000	8,591,000	16.3
Employers Re Group	7,047,000	7,924,000	-11.1
Hannover Ruck Group	6,287,200	4,994,300	25.9
Lloyd's of London	5,746,100	3,952,900	45.4
Gerling Global Re Group	4,408,300	4,117,000	7.1
SCOR Re Group	3,651,300	2,809,800	30.0
Allianz Re Group	3,118,500	3,726,500	-16.3
Axa Re Group	2,489,100	1,424,700	74.7

Source: Standard & Poor's (Oct 2002) (000's)

### **Top 10 Largest Global Reinsurers Shareholders' Funds**

Company	2001	2000	% Change
Munich Re Group	\$14,920,200	\$19,437,000	-23.2
Swiss Re Group	13,505,900	14,139,400	-4.5
Berkshire Hathaway	29,549,000	39,580,000	-25.3
Employers Re Group	6,362,000	6,025,000	5.6
Hannover Ruck Group	1,481,100	1,481,500	0.0
Lloyd's of London	6,140,500	8,268,400	-25.7
Gerling Global Re Group	680,100	1,452,300	-53.2
SCOR Re Group	1,167,500	1,212,800	-3.7
Allianz Re Group	51,886,300	53,414,300	-2.9
Axa Re Group	1,307,800	1,628,200	-19.7

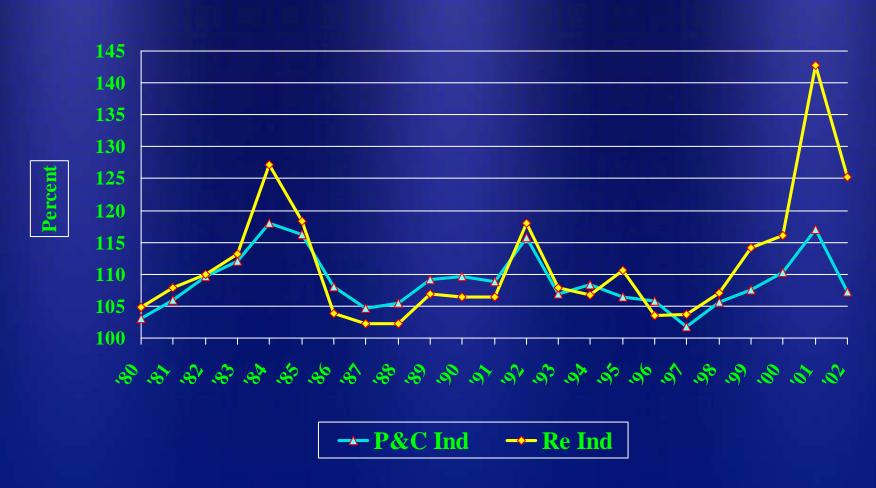
Source: Standard & Poor's (Oct 2002) (000's)

### Top 10 Largest Global Reinsurers Combined Ratio's

Company	2002	2001	2000
Munich Re Group	122.4%	135.1%	115.3%
Swiss Re Group	104.0	124.0	117.0
Berkshire Hathaway	100.0	138.0	110.7
Employers Re Group	163.6	139.3	115.8
Hannover Ruck Group	103.0	107.8	106.6
Lloyd's of London	98.6	140.0	N/A
Gerling Global Re Group		131.5	112.7
SCOR Re Group	120.1	124.0	121.0
Allianz Re Group		127.3	108.9
Axa Re Group		127.1	120.6

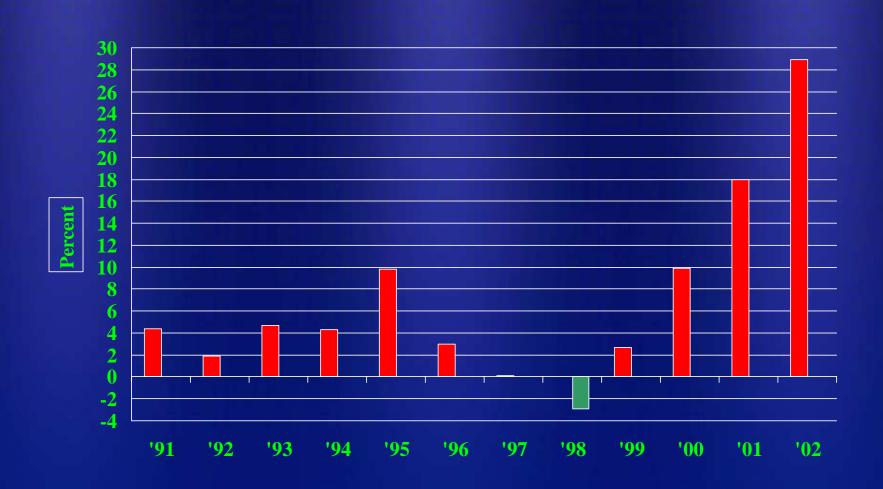
Source: Standard & Poor's (Oct 2002)

## Combined Ratio U.S. P & C vs. Reinsurance Industry

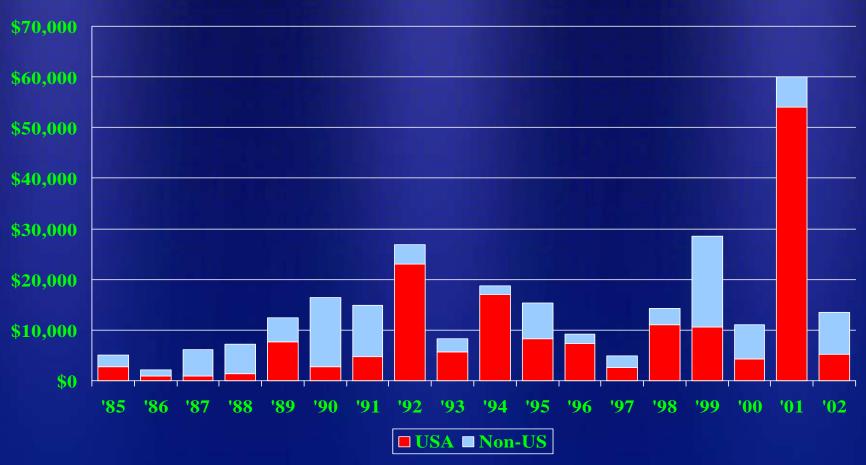


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#### U.S. Reinsurance Composite-One Year Loss Development / NPE



#### Worldwide Property Catastrophe Losses



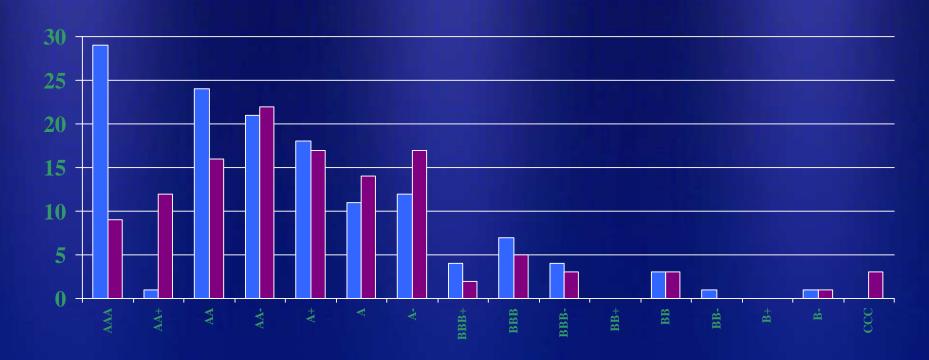
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Source: Sigma

## **S&P Rating Migrations Among the Top 150 Reinsurers\***

No. of reinsurers

■ Rating as at Dec. 31, 2001 ■ Rating as at Feb. 2003



# AM Best Rating Distribution-2001 Domestic Property/Casualty

Rating Category	Personal Lines	Commercial Lines	Reinsurers	Total P/C
A++, A+	11%	10%	47%	12%
A, A-	44	53	47	49
B++, B+	27	23	6	25
Secure	82	87	100	86
Vulnerable	18	13	0	14
Total	100%	100%	100%	100%
Total Group Ratings	433	577	30	1040
Rating Outlook	Negative	Negative	e Mixed	Negative

Source: AM Best Co. data as of December 2001.

#### AM Best Rating Distribution-2002 Domestic Property/Casualty

Rating Category	Personal Lines	Commercial Lines	Reinsurers	Total P/C
A++, A+	11%	7%	30%	9%
A, A-	47	57	54	53
B++, B+	23	23	13	23
Secure	81	87	97	85
Vulnerable	19	13	3	15
Total	100%	100%	100%	100%
Total Group Ratings	417	551	30	998
Rating Outlook	Mixed	Mixed	Mixed	Mixed

Source: AM Best Co. data as of December 2002.

#### 2002 US Reinsurance Recoverables

Reinsurance Recoverables on:

Paid Losses \$18,205 M

Unpaid Losses 89,303 M

IBNR Losses 95,831 M

**Unearned Premiums** 32,861 M

Sub-total 236,200 M

Funds Withheld -28,106 M

Total Recoverable \$208,591 M

Source: A.M. Best Co.

#### 2002 US Reinsurance Recoverables

Reinsurance Recoverables \$209 B

Admitted Assets \$1,034 B

Reins. Recov / Ad. assets 20%

Industry Surplus \$287 B

Reins. Recov / Surplus 72%

Source: A.M. Best Co.

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#### Security Assessment

#### **Quantitative Factors**

- Profitability
- Liquidity
- Leverage
- Capital adequacy
- Ratings

# Trend oriented compared to peer norms

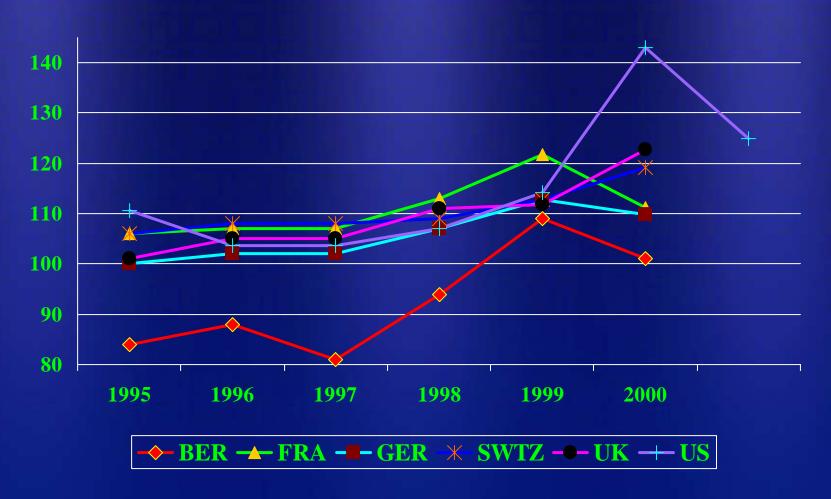
#### **Qualitative Factors**

- Management experience
- Spread of risk catastrophic exposure
- Asset quality & diversity
- Adequacy of reinsurance program
- Exposure to uncollectible reinsurance
- Adequacy of loss reserves
- Capital structure

### Profitability Measures One & Five Year

- Combined ratio
- Operating ratio
- Pre-tax income to NPE
- Investment yield
- Return on PHS
- Unassigned funds to assets
- Long term capital growth

### Reinsurance Combined Ratios Worldwide



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#### US Reinsurance Composite Return on Equity (Surplus)



#### **Liquidity Measures**

- Quick liquidity
- Current liquidity
- Overall liquidity
- Operating cash flow
- High risk assets to PHS

#### U.S. Reinsurance Composite Invested Assets / Liabilities



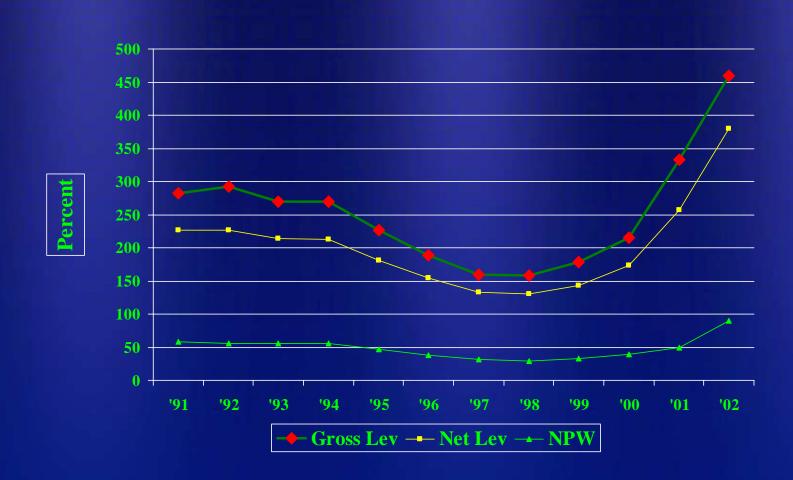
#### U.S. Reinsurance Composite Nonaffiliated Invested Assets



#### Leverage Measures

- Net premiums to surplus
- Liabilities to surplus
- Net leverage
- Reinsurance recoverables to surplus
- Gross leverage
- Capital Adequacy Ratio
- Financial leverage

#### U.S. Reinsurance Composite Leverage

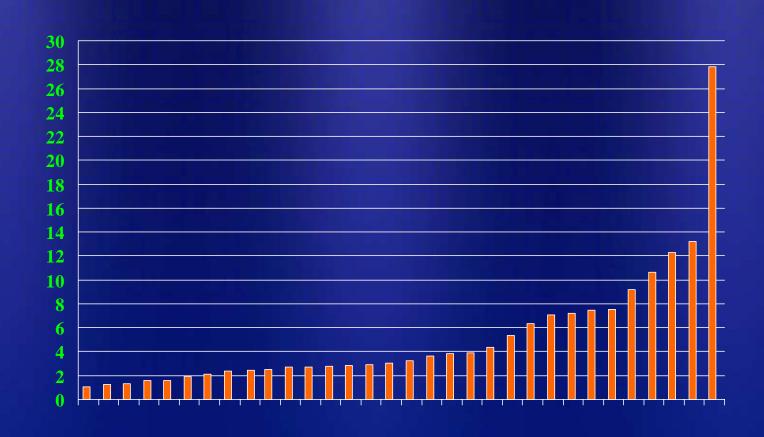


#### U.S. Reinsurance Composite RBC Composite Weighted Average



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#### U.S. Reinsurance RBC Composite Companies - 2002



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June 2003