



General Insurance Parallel Session: Latent Exposures March 19, 2002

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Agenda

- Asbestos
 - Current Status of Asbestos Litigation
 - Reasons for the Increases in Claim Filings and Settlement Awards
 - Milliman USA Estimates of Ultimate Asbestos Liabilities
 - Reserving / Quantification Issues
 - Tillinghast Estimates of Ultimate Asbestos Liabilities
 - Where Do We Go From Here?
 - Recent Changes
 - Possible Federal Legislation
 - Worldwide Exposure
- Emerging Latent Exposures
 - Identified Exposures (e.g., Pollution)
 - Developing Exposures

Effects of Latent Exposures on Company Valuation

Asbestos Claims Continue to Mount

Specter of Costly Asbestos Litigation Haunts Companies Asbestos Suits Target Makers Of Wine, Cars, Soups, Soaps

Firms Hit by Asbestos Litigation Take Bankruptcy Route

Ashestos Litigation Take Bankruptcy Route

Claims Standards W.R. Grace Seeks Bankruptcy Protection
In the Face of Ashestos-Related Litigation

In the Face of Ashestos-Related Litigation

Background

- Miracle mineral
- Over 3000 applications
- OSHA guidelines since 1971
- Asbestos containing products still legal in the U.S.
- Diseases marked by long latency period (average 15 to 40 years)



Legal Landscape

- Started with Borel vs. Fibreboard in 1972
- Super Strict liability standard rather than negligence based liability
- U.S. Supreme Court in two decisions closes off avenue for meaningful class action settlements
- In Daubert v Merrill Dow the U.S. Supreme Court sent a message to federal judges to act as gatekeepers against the use of "junk science"
- In Metro North v Buckley the U.S. Supreme Court rendered awards for emotional harm and medical monitoring inappropriate

The Cosey v E.D.Bullard Co case in Mississippi was the last straw that broke the camel's back

Tort Process

- Types of lawsuits against asbestos defendants
- Typically plaintiffs name 30 to 40 defendants
- Statute of limitations
- Until recently, defendants preferred to enter into bulk settlements rather than taking cases to trial

The Specter of Asbestos

- Increase in claims reported by Manville and other defendants in 2000 and 2001
- Majority of the plaintiffs filing claims are not impaired
- Defendant pool has expanded from 300 in the mid-1980's to 2,400 today
- Over fifty asbestos-related bankruptcies to date
- Nineteen asbestos-related bankruptcies since 2000 alone
- Average settlement demands for individual defendants have increased
- Legislative attempts have been unsuccessful so far
- The court system has ceased to be effective in the fair determination of liability
- The U.S. Supreme court has closed off the avenue for meaningful class action settlements
- As companies file for bankruptcy, costs are being shifted to solvent parties and new defendants
- Experts increase asbestos liability projections for defendants and insurance companies

Reasons for Increase in Filings

- Bankruptcies require identification of all claimants prior to the bar date, resulting in a surge of claims for all defendants
- Plaintiff's attorneys mining for claimants through advertising and free asbestos screenings
- Claims awareness has increased
- The exposed population is now believed to be in excess of 100 million, considerably higher than the 28 million estimated by Selikoff
- Broadening of industries

Reasons for Increases in Claim Size

- As companies become bankrupt, solvent companies share of awards increases because of joint and several liability
- Grouping of unimpaired plaintiffs with impaired plaintiffs
- Defendants cave in to higher demands because of fear of plaintiff attorney tactics
- Forum shopping

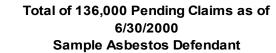


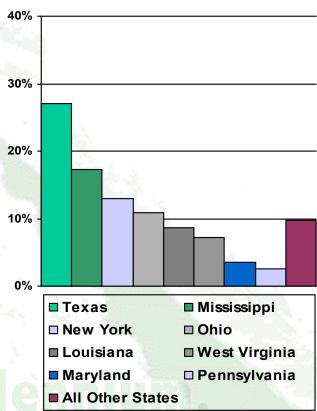
Forum Shopping Increases Severity

- Courts have allowed joinder or grouping of claims to deal with huge caseload
- Plaintiffs use joinder rules to "forum shop", or migrate to courts with favorable rules

Award sizes in various states (Indexed to Ohio)

Mississippi 19
Texas 3
Ohio, Pennsylvania, and Indiana 1







Coming to Terms

- Increased level of claim filings in 2000 and 2001 (Reported to date > ultimates estimated by experts in 1993)
- YOFE still in 50s 60s for claims being reported
- More industries and more people exposed
- Average age of claimant population is not increasing
- % of non-malignant claims increased, but there is also an increase in the number of malignant claims

Coming to Terms

Number of Claims Received by One Defendant

Year	Mesothelioma	Lung Cancer	Other Cancers	Non-Malignant	Total
1		Number	of Claims Filed		
1999	1,309	1,774	357	24,976	28,416
2000	1,597	2,642	634	50,203	55,076
2		Percenta	ge Distribution		
1999	4.6%	6.2%	1.3%	87.9%	100.0%
2000	2.9%	4.8%	1.2%	91.2%	100.0%

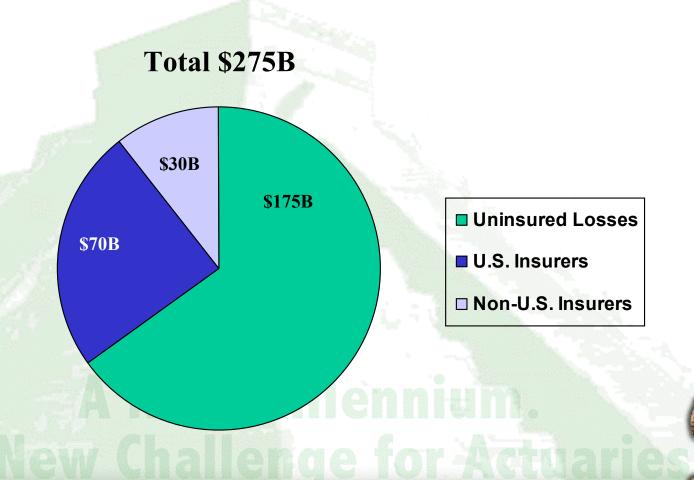


Sources of Increase for Insurers

- More losses reported for known defendants
- Increase in size of defendant pool, providing more potential limits
- Defendants involved in installation activity claiming coverage under Premises/Operations

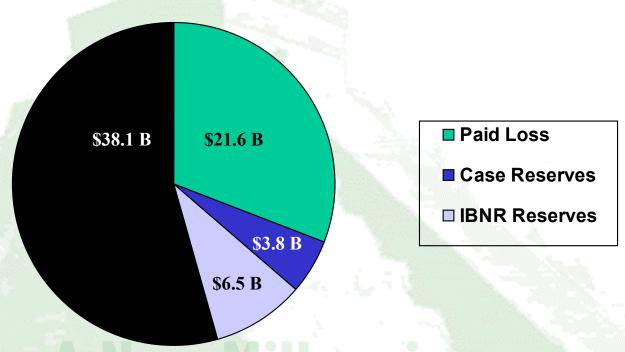


Milliman USA Estimates of Ultimate Loss and Expense Due to U.S. Asbestos Exposure



Impact on U.S. Insurers

As of December 31, 2000



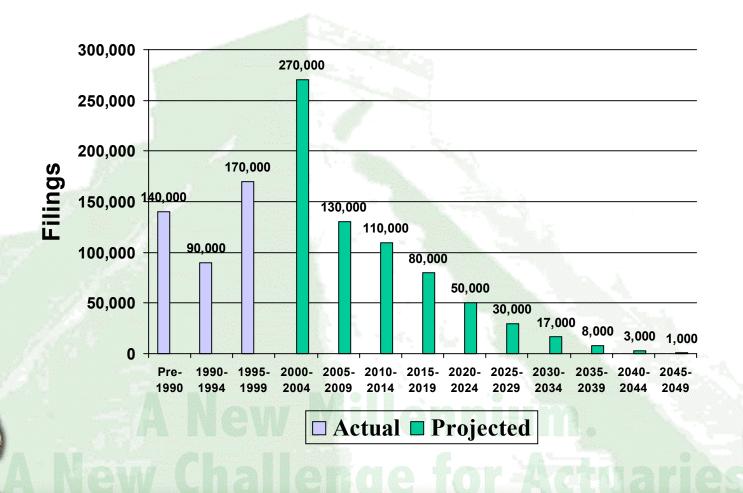


Data and Methodology

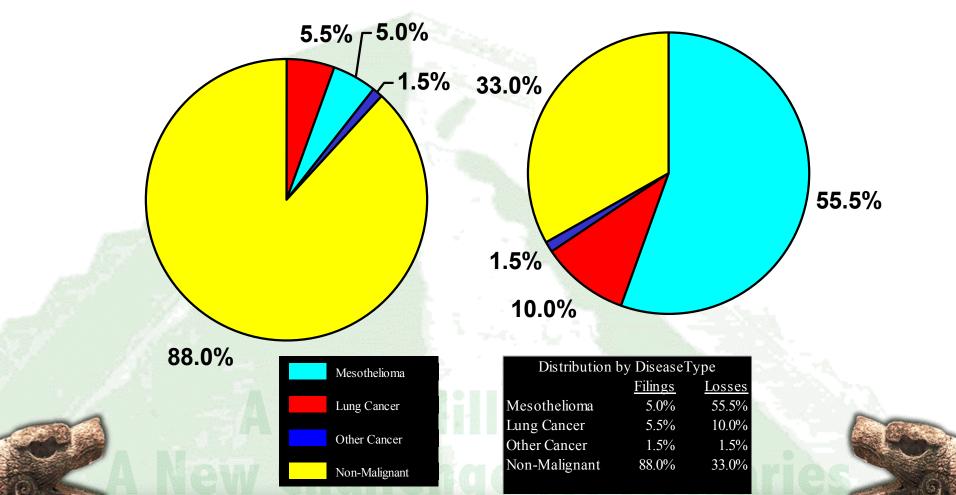
- Counts and averages method by disease type
- Individual defendant data by disease type
- Coverage profiles used to estimate direct U.S. and non-U.S. insurance splits
- Proprietary and A.M. Best information to get reinsurance assumed and ceded for U.S. and non-U.S.



Milliman USA Projected Claim Filings



Milliman USA Projection of Ultimate Filings and Losses by Disease Type



Key Factors Underlying Milliman USA Projections

- 0.5M claims filed as of June 2001; ultimately 1.1M estimated
- Our estimate of future filings of 0.6M is significantly less than the 1.4M Manville is expecting under a middle scenario
- Our future projections are 80% of Manville projections for Meso claims; 40% of Manville projections for non-malignant
- We assume stricter medical criteria will be imposed in the future and that the 2000/01 surge is partially caused by acceleration due to bankruptcies
- The average differentials of settlement values between disease types will be similar to OCF NSP and close to what is achieved in a tort system
- The \$175B uninsured portion could be lower if gaps cannot be filled in the future. This will not lower insured losses
- Expense estimated to be approximately a third of losses

Reserving Issues

- For ground-up or top-down methods, consider the issues that drive losses and use up-to-date data
- Few large claims and/or large policies may distort results obtained using top down methods
- Are there any claims/policies that do not have product aggregate limits?
- Exposure to premises/operations Review settlement agreement language and be aware of insureds who were involved in installation and manufacturing
- Track the claims from new insureds to check reasonableness of IBNR provision
- Check the reasonableness of reserve estimates reported by pool managers when were the actuarial estimates made?
 - Impact of bankruptcies on payment of claims possible speed up?

How to Quantify Asbestos Liabilities?

- Actuaries typically like to use past experience to predict the future
- However, for asbestos we can't use traditional actuarial methods (e.g., accident year loss development projections)
 - Long latency from exposure to disease manifestation
 - Potential involvement of multiple policy periods for individual claims



How to Quantify Asbestos Liabilities?

- Many use benchmarks or rules of thumb
 - Market share techniques
 - For example, 5% of GL premium volume for affected years translates to 5% share of ultimate liabilities
 - Survival ratio techniques
 - equals ratio of total reserves divided by average annual payments
 - U.S. net asbestos survival ratio was 7.6 (excluding Fibreboard) as of 12/31/2000
 - A.M. Best now using a discounted survival ratio of 12.0
 - Comparisons to peer companies (e.g., significant reserve additions)
 - \$5 \$10 billion in U.S. insurer reserve additions during 2001 estimated by Standard & Poors
 - CNA \$1 billion pre-tax per A.M. Best; \$750 million after tax (August 3, 2001)
 - ECRA \$1 billion pre-tax estimated by A.M. Best (February 2002)
 - Equitas
 - £1.5 billion as initially undisclosed portion of total strengthening as of March 31, 2000
 - £1.7 billion (\$2.4 million) as of March 31, 2001 (announced July 2001)
 - Aggregate development
 - multiples of paid losses, case reserves, or reported losses



How to Quantify Asbestos Liabilities?

- Exposure-based modeling will improve understanding of ultimate A&E liabilities
- For an insurer or reinsurer, it considers
 - Mix of insureds
 - Types of coverage
 - Policy wording
 - Attachment points and limits
 - Years of coverage
 - Claims handling and settlement activities
- Greater understanding equips the defendant, insurer, or reinsurer to deal strategically with its exposure



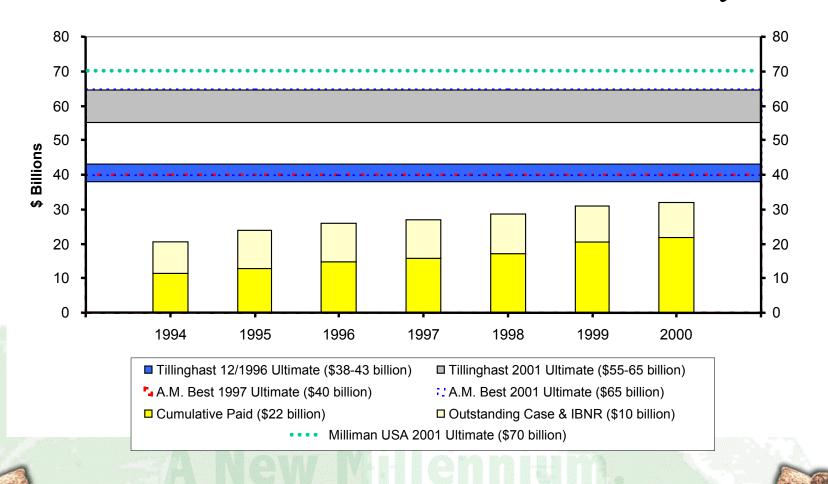
Estimates of the "Universe"

Source	Net U.S. Insurer/Reinsurer Ultimate Loss & ALAE	Comments
A.M. Best	\$65 billion	From May 7, 2001 Special Report
Tillinghast	\$55 - \$65 billion	Released May 30, 2001
Milliman USA	\$70 billion	From the September 2001 edition of Best Week



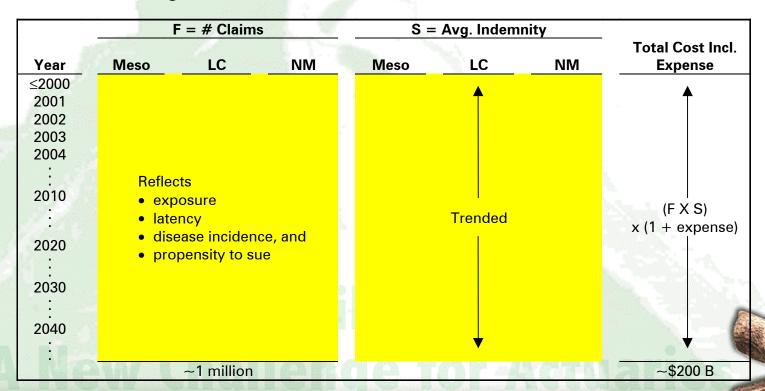


Paid and Reported Loss and Expense Compared to Estimates of Net U.S. Ultimate Liability



Estimation of Ultimate Loss and Expense – Tillinghast – Top Down

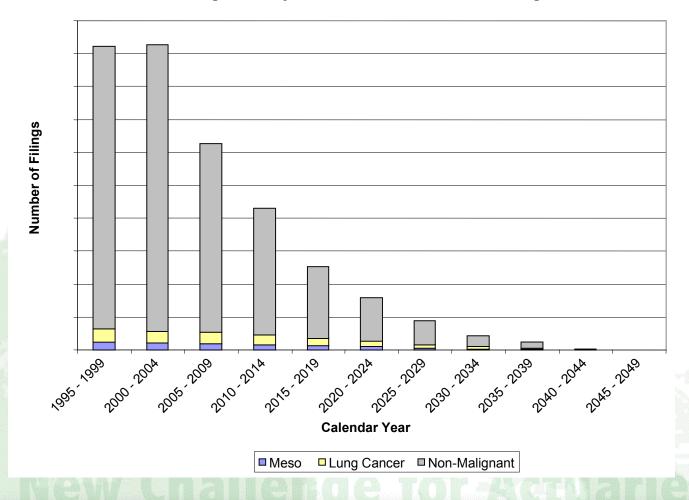
- Estimate total awards to plaintiffs ~\$200 billion
 - Estimate number of personal injury filings by disease by calendar year
 - Estimate average indemnity by disease
 - Trend to future years
 - Multiply future filings by trended severities
 - Load for expense





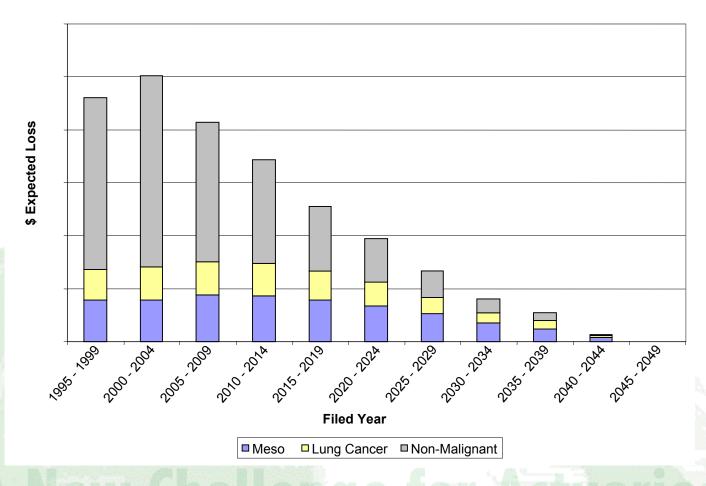
Estimation of Ultimate Personal Injury Claim Filings

Tillinghast Projection of Asbestos Related Filings



Estimation of Ultimate Loss and Expense

Tillinghast Projection of Asbestos Related Ultimate Losses



Estimation of Ultimate Loss and Expense – Tillinghast – Bottom Up

- Estimate total cost to defendants ~\$200 billion
 - Develop database of defendant experience to year-end 2000
 - Number of filings against defendants
 - Average indemnity (defendant's share)
 - Expense-to-indemnity ratios
 - Resulting distributions vary by tier

The Types of Asbestos Defendants

- **Tier 1:** Manufacturer/producers in litigation since inception
 - Will use all available insurance coverage
- **Tier 2**: Became involved shortly after Tier 1 companies
 - Some will exhaust all insurance coverage
 - Others will not hit highest layers due to smaller share of industry

- **Tier 3:** Manufacturers, distributors and installers brought into litigation due to Tier 1 and Tier 2 bankruptcies
 - Lesser exposure due to encapsulated products or limited distribution
- Tier 4: Owned/operated facilities where asbestos used and third parties exposed on premises



Estimation of Ultimate Loss and Expense – Bottom Up

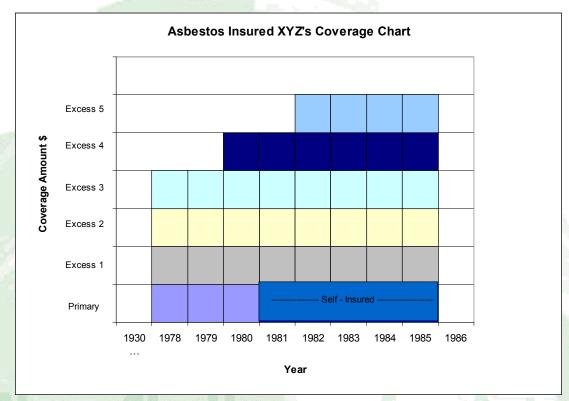
- Project future filings for each defendant
 - implies ∼60 defendants per plaintiff case
- Project future severities by defendant
 - implies average ultimate severities of \$1,873 to \$5,550 vary by tier.
- Project future expenses (defense costs) by defendant
 - Implies average ultimate expense loads of 20% to 116% vary by tier.
 - Reflects a reduction in expenses for Tier 3-Low defendants over a five year period.

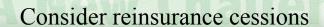




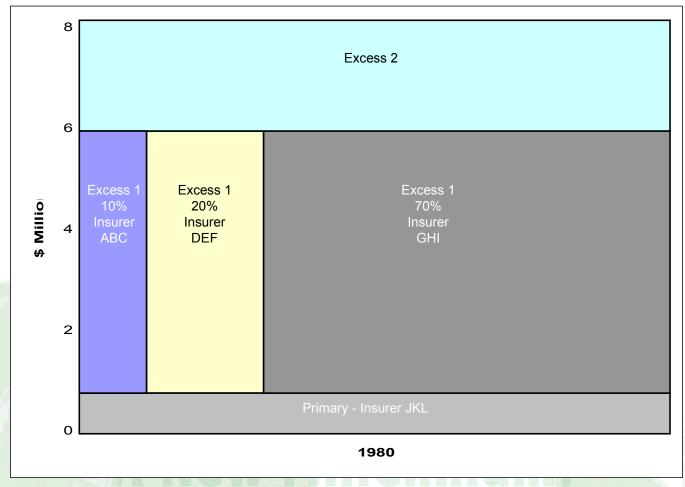
Estimation of Ultimate Loss and Expense – Bottom Up

- Determine percentage insured
 - Allocate indemnity and expense to year
 - Compare to average coverage profiles
 - Expense treatment varies by policy





More Detailed Coverage Description of Excess 1 Layer in 1980







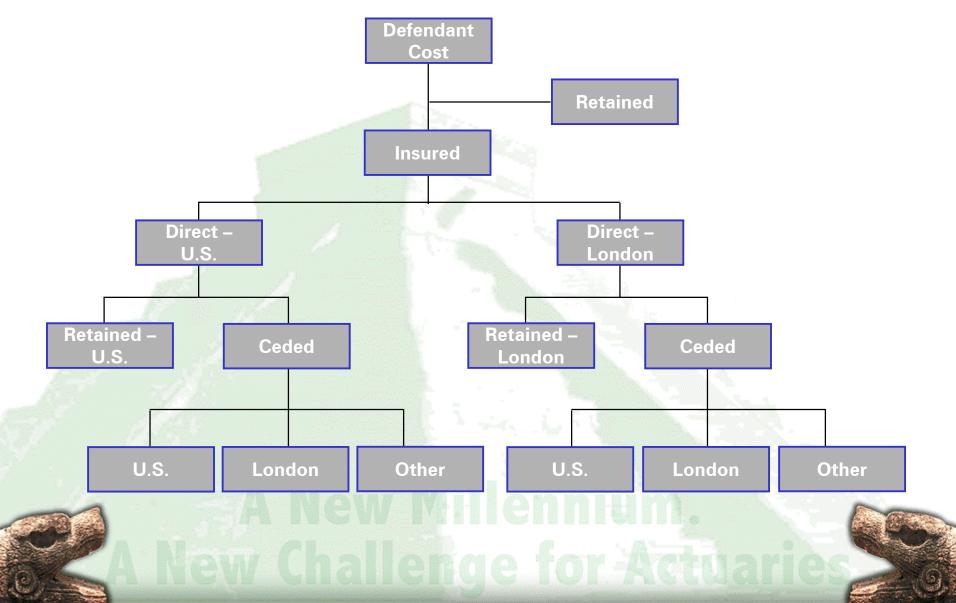
Comparison of Loss Allocated to 1980 to Available Coverage of Insurer ABC

- For example, if Insurer ABC wrote 10% of \$5 million xs of \$1 million in 1980, and ultimate losses allocated to 1980 totaled
 - ≤\$1,000,000, then Insurer ABC's gross liability would be \$0
 - \$4,000,000, then Insurer ABC's gross liability would be
 \$300,000 (= 10% x (\$4,000,000 \$1,000,000))
 - ≥ \$6 million, then Insurer ABC's gross liability would exhaust its limit of \$500,000

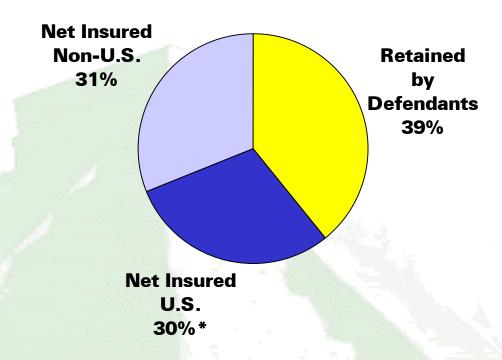




Allocate Ultimate Loss and Expense of \$200 Billion Among Multiple Payers



Portion of \$200 billion Ultimate Loss and Expense – Retained, Net Insured U.S., Net Non-U.S.**



*\$60 billion mid-point of \$55 – \$65 billion range of the "Universe" of net liabilities to the U.S. P/C market.

^{**}Additional details available in Emphasis 2001/3, "Sizing Up Asbestos Exposure," a publication of Tillinghast – Towers Perrin, at www.towers.com.





Where Do We Go From Here? Recent Changes in Claims Handling

- Asbestos claims handled differently than other torts
 - volume/docket pressure
 - bundling
- Center for Claims Resolution (CCR) changes its procedures
 - abandons practice of routinely settling cases on a group basis and requiring members to share settlement costs (February 2001)
 - stops settling new asbestos claims for remaining 14 members effective August 1, 2001; in run-off
- Equitas leads London insurers, requiring evidence of injury and product identification effective June 1, 2001



The Coalition for Asbestos Justice

- Formed in 2000 as a nonprofit association to address and improve the asbestos litigation environment
- Currently has eight members: Ace, Argonaut, Chubb, CNA, Fireman's Fund, The Hartford, Liberty Mutual, and St. Paul
- Mission: To encourage fair and prompt compensation to deserving current and future asbestos litigants by seeking to reduce or eliminate the abuses and inequities that exist under the current civil justice system
- Coalition is <u>not</u> involved with insurance coverage issues
- Working to effect change through public education
 (including the judiciary), amicus briefs, and jurisdictional
 litigation efforts

Public Education

- A primary mission of the Coalition is to foster a better understanding of the current asbestos litigation environment
 - Research and Studies (e.g., RAND Study update (<u>www.rand.org</u>))
- Academic Scholarship
 - Victor E. Schwartz & Leah Lorber, "A Letter to the Nation's Trial Judges: How the Focus on Efficiency Is Hurting You and Innocent Victims in Asbestos Liability Cases" 24 Am. J. Trial Advoc. 247 (2000)
 - Mark D. Plevin & Paul Kalish, "Where Are They Now? A History of the Companies That Have Sought Bankruptcy Protection Due to Asbestos Claims" Vol. 1, No. 1 Mealey's Asbestos Bankr. Rep., Aug. 2001
- "This is NOT your father's asbestos defendant"

Jurisdictional Litigation Efforts

- Identifying jurisdictions that pose the biggest challenges for asbestos defendants and truly sick claimants
 - Key states: CA, IL, LA, MD, MA, MS, NJ, NY, PA, TX, WV
- Meeting with counsel from these states to understand the current case management orders and identifying other due process issues
- Advancing inactive dockets / pleural registries
- Challenging consolidations and joinder rules



Changes in the Wind?

- There are a few signs in the asbestos litigation environment that business may <u>not</u> be as usual
 - A split in the asbestos plaintiff's bar between those representing "real" cases versus those representing the non-impaired
 - Judge Weiner's ruling in the Federal MDL dismissing all cases that were initiated through mass screenings
 - Efforts in current bankruptcies to establish medical criteria and the consolidation before U.S. District Judge Alfred M. Wolin
 - Hearing held by Judges Weinstein and Lifland in the Johns Manville bankruptcy proceeding



Changes in the Wind?

- There are a few signs in the asbestos litigation environment that business may <u>not</u> be as usual
 - Judge Pickard's ruling in Mississippi that he will no longer allow out of state plaintiffs to file suit in Mississippi
 - Various challenges to the West Virginia mass trial scheduled for June 2002
 - Pennsylvania Asbestos Litigation (SB 216) dealing with asbestos-related liabilities acquired via merger or consolidation
 - Many more articles in the business press and from investment analysts advocating the need for an asbestos solution

Recent Headlines

- "Asbestos & Environmental Losses Nearly Doubled in '99" BestWeek (July 10, 2000)
- "Asbestos Claims Still Killing" The Economist (August 19, 2000)
- "Equitas significantly increases reserves for asbestos liabilities" The Review (September 4, 2000)
- "Insurer Asbestos Woes Grow" National Underwriter (October 16, 2000)
- "How Plaintiffs Lawyers Have Turned Asbestos Into a Court Perennial" The Wall Street Journal (March 5, 2001)
- "The Energizer Bunny of Toxic Torts" Emphasis (First Quarter 2001)
- "Asbestos Claims Surge Set to Dampen Earnings for Commercial Insurers"
 A.M. Best Special Report (May 7, 2001)
- "Asbestos Litigation in the U.S.: A New Look at an Old Issue"- RAND Institute for Civil Justice (August 2001)
- "The \$200 Billion Miscarriage of Justice" Fortune (March 4, 2002)
- "The Asbestos Pit" Time (March 5, 2002)

Possible Federal Legislation

- The Fairness in Compensation Act (H.R. 1283/S758) did not advance
 - would have established the Asbestos Resolution Corp.
 - opposed by President Clinton and the plaintiff's bar
- Likely prospective proposals supported by the Asbestos Alliance (led by the American Insurance Association and the National Association of Manufacturers) will focus legislation on four areas
 - establishing objective medical criteria of asbestos-related impairment
 - liberalizing statues of limitations
 - eliminating consolidations
 - eliminating forum shopping



Quotes from Clients and Colleagues

- "The claims are continuing."
- "We have more open accounts today then we did ten years ago. We're seeing more claims against Main Street America distributions, hardware, HVAC."
- "Claim filings have remained steady; we expected a decrease by now."
- "Asbestos is the energizer bunny of toxic torts; it keeps going and going and going..."
- "We are seeing operations claims from new defendants (contractors, distributors)"
- We've been approached by producers seeking finite cover. The cover might be a positive influence on financial analyst opinions ... The defendants must anticipate that filings will continue ... A small number of deals are being done."
- "I expect to see at least five more bankruptcies of asbestos defendants in the next 12 to 18 months." (This was stated in September 2000; since then, numerous defendants have declared bankruptcy ...)
- "The life of HR1283 hinges upon the outcome of the presidential election."
- "Asbestos litigation is a profit-driven industry."
- "Don't think of them as lawyers, think of them as venture capitalists."
- "... factories (be they lawyers) generating paper ... Here's the form, fill in the blanks ... won't end by when I die, even when my kids die ..."

Current Status Recap – U.S.

- Significant deterioration in liabilities at all levels
 - Defendants, insurers, and reinsurers
- Generated by filing activities
 - Mitigated by shift in disease mix to claims with lower settlement values
- Continue to see more bankruptcies or finite deals
- May see increased attention to what the defendants are carrying on their balance sheets
 - Current focus has been from financial analysts, not auditors
- More scrutiny from insurance regulators

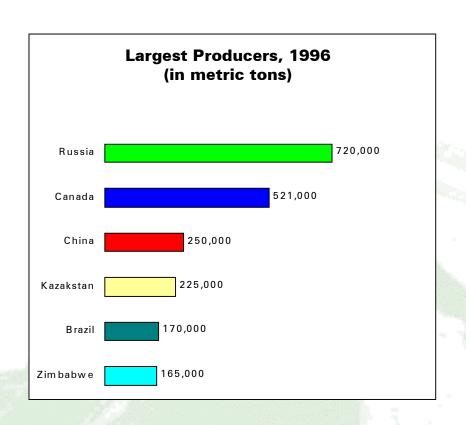


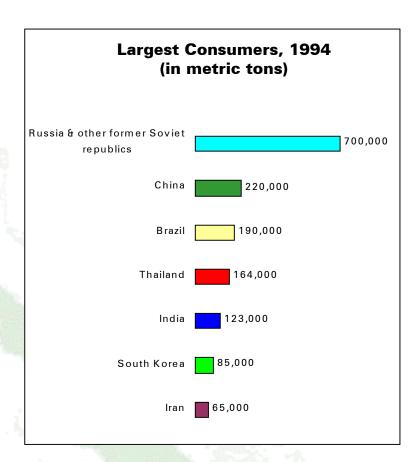
Current Status Recap – U.S. (cont'd)

- More than 25 years after peak usage, we still see significant activity on the claims side
- It's the "Energizer Bunny" of toxic torts
 - It just keeps going and going and going ...

A New Millennium. A New Challenge for Actuarie

Asbestos: Around the World





Source: USA Today, "The Asbestos Epidemic," February 1999.



Asbestos: Around the World

- World production has declined significantly since 1973
 - 1973 approximately 5.1 million metric tons
 - 1996 approximately 2.3 million metric tons
- In past two decades, consumption has increased dramatically in many developing countries

Consumption (in metric tons)

	<u>1970</u>	1994	Growth
Thailand	21,000	164,000	781%
India	51,000	123,000	241%

Source: USA Today, "The Asbestos Epidemic," February 1999.



Asbestos: In Developing Countries

- Consumption has increased but safety precautions have not been implemented.
- Why the increase?
 - low cost
 - high quality
 - immediate health benefits for the consumer
 - suited to the economics of poor countries
- Why the lack of safety precautions?
 - lack of awareness
 - apathetic governments
- Implications:
 - According to epidemiologist Julian Peto, the surge in use "will result in several million cancer deaths over the next 30 years"
 - By comparison, over past 30 years USA has had 171,500 premature asbestos-related cancer deaths



Asbestos: In Europe

- European Union banned amphibole types of asbestos in 1991. Chrysotile banned 9/27/99; to be fully implemented by 1/1/2005.
- Belgium claims filed under workers compensation system
- France asbestos use prohibited effective 1/1/1997
- Italy asbestos use prohibited in 1992
 - claims to be paid by The Italian National Security (INAIL), employers (compulsory EL coverage), and insurers
- Netherlands 1997/1998 creation of the Institute for
 Asbestosis

Identified Exposures



Identified Exposures

- Asbestos
- Pollution
- Breast Implants
- Sexual Misconduct
- Year 2000 (Y2K)

- Repetitive Stress
- HIV/AIDS
- Fen-Phen
- Electromagnetic
 Fields



Pollution – Estimates are Stable

- Slow growth in number of sites on the National Priority List
- No dramatic changes in coverage case precedents, thereby encouraging settlements
- Ongoing settlement activity has stabilized payment levels
- Risk based corrective action has resulted in lower clean-up costs than originally expected by EPA
- Greater PRP participation in site remediation incentive to reduce / control costs

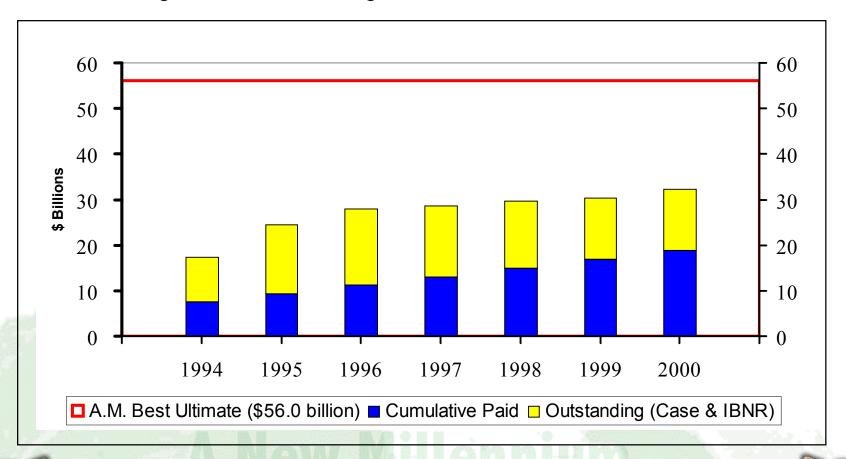
Pollution – Net U.S. Estimates

- A.M. Best's estimate of ultimate losses & ALAE = \$56 billion
- More recent estimates from other sources have been lowered to \$30-\$40 billion
- A.M. Best believes that its estimate is still reasonably accurate, if not somewhat on the conservative side.



Net U.S. Pollution Liability:

Paid and Reported Loss and Expense versus A.M. Best Ultimate Estimate





Developing Exposures



Developing Exposures

- Mold
- Lead
- Alcohol

- Firearms
- Tobacco
- Latex Sensitivity



Mold – What is it?

- Mold is a fungus, not a bacteria, that occurs naturally in the environment
 - Toxic Molds containing mycotoxins –
 aspergillus, penicillium and stachybotrys
- Three things mold needs:
 - Water
 - Food Source (paper, wood, etc.)
 - Temperature

Mold – The Problem

- Can cause health problems depending on individual sensitivities and levels involved
 - Alleged to cause internal bleeding, skin irritations, respiratory problems, chronic fatigue
- No proven link but many in scientific community believe health effects are probable
- There are no state or federal guidelines on acceptable levels

Mold – The Insurance Issue

- Significant increase in claims
- Media attention of illnesses & litigation
- Very costly to investigate and remedy claims
- Ballard v. Farmers Insurance \$32M verdict
 - \$6.2M in actual damages
 - \$5.0M in mental anguish
 - \$12M in punitive damages
 - \$9M in legal fees

Mold – Claim Handling Issues

- Timely response mold can grow in 24-48 hours
- Appropriate response (e.g., health issues)
- Identification of coverage issues
- Appropriate consultants and experts
- Adequate remediation & prevention



Mold – Coverage Issues

- Several coverages affected
 - Homeowners, Commercial Liability,
 Commercial Property, Workers Compensation
- First Party Property (e.g. water damage)
 - Exclusions for mold, wear & tear, deterioration, seepage, etc.
- Third Party Liability
 - Does the Pollution Exclusion apply?
- ISO mold endorsements approved in 21 states (30% market share)

Mold – Recent Events in Texas

- Companies have reported significant losses for Texas mold claims
 - Farmers = U.S.\$400 million
 - Allstate = U.S.\$180 million
- Significant rate increases for homeowners insurance
 - State Farm average statewide increase = +34%



Lead

- Primary cause of human contamination is lead paint
- Nearly 1.7 million children in the U.S. have elevated blood lead levels (BLL>.10)
- At high levels, lead can cause a variety of health problems, including death



Lead

- Primary defendants include:
 - Building owners
 - Paint and pigment manufacturers or distributors
 - Plumbing manufacturers and distributors
- Frequency and severity of claims have been less than the industry's initial expectations
 - Plaintiffs have failed in certifying class actions
 - Concern that Market Share Distribution could result in significant liability

Alcohol

- The intoxicating ingredient in alcoholic beverages is ethyl alcohol
- Types of claimants:
 - Consumers of alcoholic beverages
 - Third parties injured by alcohol consumers
 - Victims of FAS (fetal alcohol syndrome)
 - Government agencies and health care providers who provide care for alcohol related injuries

Alcohol

- The annual cost of alcohol abuse in the U.S. is estimated at \$167 billion (1995 figure)
- To date, the alcohol industry has successfully defended itself against all alcohol consumption suits
- Concern over products liability exposure similar to asbestos



- Product liability actions are a recent phenomenon
- Lawsuits include:
 - Private recovery actions
 - Public recovery actions modeled after the government's efforts against the tobacco industry



- '99 Journal of the Amer. Medical Assoc. report: "estimate \$2.3 billion annual cost for treatment of gunshot wounds" ('94 data)
- Oct. '98 Cal. State/Tulane Univ. study: "29% of high school boys possess a firearm"
- The Bureau of Alcohol, Tobacco and Firearms estimates handguns are used in 71% of all armed crimes

- Typical defendants include:
 - Gun manufacturers
 - Gun retailers and resellers
 - Firearms trade associations
- Recent Developments
 - U.S. District Court in Brooklyn, NY found 15 of 25 gun manufacturers guilty of negligent distribution
 - Cities across U.S. filed product liability/cost recovery actions against firearm industry

- Since claim activity is recent, it is difficult to predict insurance implications
 - Several manufacturers have placed their carriers on notice
 - There are generally no specific applicable exclusions
 - Market share distribution of liability remains speculative but of concern for industry

Tobacco

- U.S. tobacco litigation remains active
- Types of exposures include:
 - Private lawsuits
 - Reimbursement actions
 - Government recovery of medical costs
 - Private reimbursement actions
 - Ancillary exposures
 - Professional liability

Tobacco

- State medical cost recovery actions
 - Settlement of 46 states Medicaid actions
 - Payment of at least \$206 billion
 - Includes changes in business practices
 - Voluntary settlement did not remove potential for future liability
- Insurance industry exposure remains uncertain



Tobacco

- The Engel Verdict
 - \$145 Billion in Punitive Damages
 - \$12.7 Million in compensatory damages
 awarded to three smokers representing the class
 - Class is comprised of 300,000 to 700,000 sick smokers in the State of Florida <u>only</u>
 - Recent commitment to pay \$710 Million



Tobacco

- Foreign Exposure
 - Canada has several reimbursement actions pending (Quebec suing for \$200 million)
 - EU, Columbia, Guatemala, Israel and others have also filed actions (Spain has first European local government action)
 - There may be no operable exclusions



Latex Sensitivity

- Natural rubber compound used to make protective gloves and other products
- About 2.5% of the population is sensitive to the proteins contained in latex
- Increased demand due to AIDS led to higher levels of protein in gloves
- Powder in gloves carries irritants into the air

Latex Sensitivity

- Hyper-sensitivity can cause skin and respiratory reactions leading to disability or death
- Types of Claimants:
 - Healthcare workers
 - Patients
- Latex glove use in the U.S. rose from 800 million in 1987 to 10 billion in 1995

Latex Sensitivity

- The potential impact to the insurance industry appears manageable
 - Courts have generally frustrated the plaintiff bar's attempts to certify class actions
 - Most courts now address product identification before allowing additional discovery



Other Developing Exposures

- Advertising Injury / Intellectual Property
- Managed Care

- MTBE
- GeneticallyModified Crops





The Effect of Latent Exposures on Company Valuation and Possible Mergers & Acquisitions



Overview

- Industry estimates of liability from latent exposures are significantly higher than the sum of amounts disclosed by companies
- Some companies:
 - are slow to identify/quantify latent exposures
 - are under-reserved
 - have elected the business strategy of recognizing the liabilities as claims develop



Acquisition Considerations

- Buyers perform due diligence when considering an investment transaction
- A major concern for investors is identifying and quantifying latent exposures
- Many transactions are terminated due to latent exposures uncovered in due diligence



Acquisition Effect

- When company is faced with a merger/ acquisition situation, values are magnified
 - \$1 of liability → \$1+x% adjustment in transaction price (x% for uncertainty)
 - You don't want others to uncover your exposure during due diligence!!



Effect on Company Value

- Quantitative Effects:
 - Immediate and direct effect on current earnings and equity/surplus
 - Uncertainty of future earnings drag if future costs exceed established reserve





Effect on Company Value

- Qualitative Effects:
 - Lack of management proactively addressing liabilities can create uncertainty about overall management ability
 - What else has not been adequately addressed by management?



Solution

- Identification of Exposure
 - Coverages that might result in exposure
 - Time span coverage was afforded
- Quantify Ultimate Cost
 - Potential frequency
 - Potential severity
 - Timing of future claim filings & payments
 - Potential defense costs

Moral of the Story

- Be Proactive
 - Identify Exposure
 - Measure Exposure
 - Develop Solution
 - Monitor Progress
- Don't wait for it to come to you

